

# SAFETY DATA SHEET

Issuing Date 05-June-2015

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Revision Number 1



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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

PHYSICIANS CARE EYEWASH

### Other means of identification

Synonyms None

### Recommended use of the chemical and restrictions on use

Recommended Use Medicinal products

Uses advised against No information available

### Details of the supplier of the safety data sheet

Supplier Name NIAGARA PHARMACEUTICALS INC.

Supplier Address 60 INNOVATION DRIVE  
FLAMBOROUGH  
ON  
L9H7P3  
CA

Supplier Phone Number Phone:905-690-6277  
Fax:905-690-6281

Supplier Email rjames@niagarapharmaceuticals.com

### Emergency telephone number

Company Emergency Phone Number 905-708-7962

## 2. HAZARDS IDENTIFICATION

### Classification

The Eyewash is an approved drug by the FDA used for cleansing the eye to help irritation or burning by removing loose foreign material. **This drug product is considered exempt from SDS as it does not fall under the definition of "Hazardous product" as per regulations - 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).**



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**GHS Label elements, including precautionary statements****Precautionary Statements - Prevention**

For single use only

**Precautionary Statements - Response**

If concerned: Get medical advice/attention

**Precautionary Statements - Storage**

Store as per product label between 20°C to 25°C (68°F to 77°F)

**Precautionary Statements - Disposal**

Dispose of contents/container in accordance with local regulations

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

0% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

No information available

**Interactions with Other Chemicals**

No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name                                | CAS No     | Weight-% | Trade Secret |
|----------------------------------------------|------------|----------|--------------|
| Boric acid (H <sub>3</sub> BO <sub>3</sub> ) | 10043-35-3 | 1 - 5    | *            |
| Sodium borate                                | 1330-43-4  | 0.1 - 1  | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret

**4. FIRST AID MEASURES****First aid measures****Eye contact**

This product is a first aid measure for cleansing the eye to help relieve irritation or burning by removing loose foreign material.

**Skin contact**None

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|            |                                                                                                           |
|------------|-----------------------------------------------------------------------------------------------------------|
| Inhalation | None                                                                                                      |
| Ingestion  | Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. |

**Most important symptoms and effects, both acute and delayed**

**Most Important Symptoms and Effects** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

None.

**Unsuitable extinguishing media**

No information available

**Specific hazards arising from the chemical**

None

**Hazardous Combustion Products**

None

**Explosion Data**

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** No.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## PHYSICIANS CARE EYEWASH

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Personal precautions None

### Environmental precautions

Environmental precautions Refer to protective measures listed in Sections 7 and 8.

### Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Soak up with inert absorbent material.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

Storage Store as sealed bottle. Do not use if seal is missing or broken. For single use only. Store as per product label between 20°C to 25°C (68°F to 77°F)

Incompatible Products None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

### Exposure Guidelines

| Chemical Name                                              | ACGIH TLV                                                                                   | OSHA PEL                            | NIOSH IDLH               |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------|--------------------------|
| Boric acid (H <sub>3</sub> BO <sub>3</sub> )<br>10043-35-3 | TWA: 2 mg/m <sup>3</sup> inhalable fraction<br>STEL: 6 mg/m <sup>3</sup> inhalable fraction | -                                   |                          |
| Sodium borate<br>1330-43-4                                 | STEL: 6 mg/m <sup>3</sup> inhalable fraction<br>TWA: 2 mg/m <sup>3</sup> inhalable fraction | (vacated) TWA: 10 mg/m <sup>3</sup> | TWA: 1 mg/m <sup>3</sup> |

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d



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962 (11th Cir., 1992)

**Appropriate engineering controls**

**Engineering Measures**                      Showers  
                                                          Eyewash stations  
                                                          Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eyeface protection**                      No special protective equipment required.

**Skin and body protection**                No special protective equipment required

**Respiratory protection**                No protective equipment is needed under normal use conditions.

**Hygiene Measures**                      Handle in accordance with good industrial hygiene and safety practice. .

|                                            |
|--------------------------------------------|
| <b>9. PHYSICAL AND CHEMICAL PROPERTIES</b> |
|--------------------------------------------|

**Physical and Chemical Properties**

|                       |                                        |                       |                          |
|-----------------------|----------------------------------------|-----------------------|--------------------------|
| <b>Physical state</b> | Liquid                                 | <b>Odor</b>           | Odorless                 |
| <b>Appearance</b>     | Clear, colorless. No visual impurities | <b>Odor Threshold</b> | No information available |
| <b>Color</b>          | No information available               |                       |                          |

  

| <u>Property</u>                        | <u>Values</u>      | <u>Remarks</u> | <u>Method</u> |
|----------------------------------------|--------------------|----------------|---------------|
| pH                                     | 7.4                | None known     |               |
| Melting / freezing point               | No data available  | None known     |               |
| Boiling point / boiling range          | No data available  | None known     |               |
| Flash Point                            | No data available  | None known     |               |
| Evaporation Rate                       | No data available  | None known     |               |
| Flammability (solid, gas)              | No data available  | None known     |               |
| Flammability Limit in Air              |                    |                |               |
| Upper flammability limit               | No data available  |                |               |
| Lower flammability limit               | No data available  |                |               |
| Vapor pressure                         | No data available  | None known     |               |
| Vapor density                          | No data available  | None known     |               |
| Specific Gravity                       | 1                  | None known     |               |
| Water Solubility                       | Completely soluble | None known     |               |
| Solubility in other solvents           | No data available  | None known     |               |
| Partition coefficient: n-octanol/water | No data available  | None known     |               |
| Autoignition temperature               | No data available  | None known     |               |
| Decomposition temperature              | No data available  | None known     |               |

## PHYSICIANS CARE EYEWASH

|                      |                   |            |
|----------------------|-------------------|------------|
| Kinematic viscosity  | No data available | None known |
| Dynamic viscosity    | No data available | None known |
| Explosive properties | No data available |            |
| Oxidizing properties | No data available |            |

**Other Information**

|                            |                   |
|----------------------------|-------------------|
| Softening Point            | No data available |
| VOC Content (%)            | No data available |
| Particle Size              | No data available |
| Particle Size Distribution |                   |

**10. STABILITY AND REACTIVITY****Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to avoid**

None known based on information supplied.

**Incompatible materials**

None known based on information supplied.

**Hazardous Decomposition Products**

None known

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

|              |                                                                   |
|--------------|-------------------------------------------------------------------|
| Inhalation   | Specific test data for the substance or mixture is not available. |
| Eye contact  | Specific test data for the substance or mixture is not available. |
| Skin contact | Specific test data for the substance or mixture is not available. |
| Ingestion    | Specific test data for the substance or mixture is not available. |

**Component Information**

| Chemical Name                    | Oral LD50            | Dermal LD50             | Inhalation LC50         |
|----------------------------------|----------------------|-------------------------|-------------------------|
| Boric acid (H3BO3)<br>10043-35-3 | = 2660 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | > 2.03 mg/L ( Rat ) 4 h |



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|                            |                      |                         |   |
|----------------------------|----------------------|-------------------------|---|
| Sodium borate<br>1330-43-4 | = 2403 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | - |
|----------------------------|----------------------|-------------------------|---|

**Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.

**Mutagenic Effects** No information available.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

**Reproductive toxicity** No information available

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Chronic Toxicity** No known effect based on information supplied.

**Target Organ Effects** No information available

**Aspiration Hazard** No information available.

**Numerical measures of toxicity Product Information**

The following values are calculated based on chapter 3.1 of the GHS document

Not applicable

## PHYSICIANS CARE EYEWASH

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

The environmental impact of this product has not been fully investigated.

| Chemical Name                                              | Toxicity to Algae                                                                                                   | Toxicity to Fish                             | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------|----------------------------|----------------------------|
| Boric acid (H <sub>3</sub> BO <sub>3</sub> )<br>10043-35-3 |                                                                                                                     | 72h LC50: = 1020 mg/L<br>(Carassius auratus) |                            | 48h EC50: 115 - 153 mg/L   |
| Sodium borate<br>1330-43-4                                 | 96h EC50: = 158 mg/L<br>(Desmodesmus subspicatus)<br>96h EC50: 2.6 - 21.8 mg/L<br>(Pseudokirchneriella subcapitata) | 96h LC50: = 340 mg/L<br>(Limanda limanda)    |                            | 48h LC50: 1085 - 1402 mg/L |

**Persistence and Degradability**

No information available.

**Bioaccumulation**

| Chemical Name                                              | Log Pow |
|------------------------------------------------------------|---------|
| Boric acid (H <sub>3</sub> BO <sub>3</sub> )<br>10043-35-3 | -0.757  |

**Other adverse effects**

No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods****Disposal methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging**

Dispose of contents/containers in accordance with local regulations.

**California Hazardous Waste Codes 561**

This product contains one substance that is listed with the State of California as a hazardous waste. However the amounts used in this product is negligible and is of below the prescribed limits for toxicity.

| Chemical Name                                              | California Hazardous Waste |
|------------------------------------------------------------|----------------------------|
| Boric acid (H <sub>3</sub> BO <sub>3</sub> )<br>10043-35-3 | Toxic                      |



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## 14. TRANSPORT INFORMATION

|                             |               |
|-----------------------------|---------------|
| <b><u>DOT</u></b>           | NOT REGULATED |
| <b>Proper Shipping Name</b> | NON REGULATED |
| <b>Hazard Class</b>         | N/A           |

|                   |               |
|-------------------|---------------|
| <b><u>TDG</u></b> | Not regulated |
|-------------------|---------------|

|                   |               |
|-------------------|---------------|
| <b><u>MEX</u></b> | Not regulated |
|-------------------|---------------|

|                    |               |
|--------------------|---------------|
| <b><u>ICAO</u></b> | Not regulated |
|--------------------|---------------|

|                             |               |
|-----------------------------|---------------|
| <b><u>IATA</u></b>          | Not regulated |
| <b>Proper Shipping Name</b> | NON REGULATED |
| <b>Hazard Class</b>         | N/A           |

|                        |               |
|------------------------|---------------|
| <b><u>IMDG/IMO</u></b> | Not regulated |
| <b>Hazard Class</b>    | N/A           |

|                   |               |
|-------------------|---------------|
| <b><u>RID</u></b> | Not regulated |
|-------------------|---------------|

|                   |               |
|-------------------|---------------|
| <b><u>ADR</u></b> | Not regulated |
|-------------------|---------------|

|                   |               |
|-------------------|---------------|
| <b><u>ADN</u></b> | Not regulated |
|-------------------|---------------|

## 15. REGULATORY INFORMATION

### International Inventories

|      |                                                      |
|------|------------------------------------------------------|
| TSCA | Complies                                             |
| DSL  | All components are listed either on the DSL or NDSL. |

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

|                                   |    |
|-----------------------------------|----|
| Acute Health Hazard               | No |
| Chronic Health Hazard             | No |
| Fire Hazard                       | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard                   | No |

#### CWA (Clean Water Act)



**PHYSICIANS CARE EYEWASH**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

| Chemical Name              | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|----------------------------|------------|---------------|--------------|--------------|----------|
| Sodium borate<br>1330-43-4 |            | X             | X            |              |          |

**International Regulations**

| Component                              | Carcinogen Status | Exposure Limits                 |
|----------------------------------------|-------------------|---------------------------------|
| Sodium borate<br>1330-43-4 ( 0.1 - 1 ) |                   | Mexico: TWA 1 mg/m <sup>3</sup> |

**Canada****WHMIS Hazard Class**

Not applicable

**16. OTHER INFORMATION**

|             |                       |          |                     |          |                        |          |                                      |          |
|-------------|-----------------------|----------|---------------------|----------|------------------------|----------|--------------------------------------|----------|
| <b>NFPA</b> | <b>Health Hazards</b> | <b>0</b> | <b>Flammability</b> | <b>0</b> | <b>Instability</b>     | <b>0</b> | <b>Physical and Chemical Hazards</b> | <b>-</b> |
| <b>HMIS</b> | <b>Health Hazards</b> | <b>0</b> | <b>Flammability</b> | <b>0</b> | <b>Physical Hazard</b> | <b>0</b> | <b>Personal Protection</b>           | <b>X</b> |

**Prepared By** Niagara Pharmaceuticals Inc.  
60 Innovation Drive  
Flamborough, ON L9H7P3  
905-690-6277

**Revision Date** 12-Dec-2018

**Revision Note** No information available



PHYSICIANS CARE EYEWASH

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**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**



HEALTHCARE BEYOND BURN CARE™

# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR)

Issuing Date 04-Feb-2019

Revision date 04-Feb-2019

Revision Number 1

## 1. Identification

### Product identifier

**Product Name** Triple Antibiotic First Aid Ointment

### Other means of identification

**Product Code(s)** TA.50.121

**Synonyms** Bacitracin zinc-neomycin sulfate- polymyxin B sulfate ointment

### Recommended use of the chemical and restrictions on use

**Recommended use** To help prevent infection in minor cuts, scrapes, burns

**Restrictions on use** For external use only.

### Details of the supplier of the safety data sheet

#### Manufacturer Address

WaterJel Technologies®  
50 Broad Street  
Carlstadt, NJ 07072  
P: 201-507-8300

### Emergency telephone number

**Emergency Telephone** 800-275-3433 (8:00 am-5:00 pm EST Weekdays)

## 2. Hazard(s) identification

### Classification

Not classified.

### Label elements

#### **Hazard statements**

Not classified.

### Other information

No information available.

### 3. Composition/information on ingredients

**Substance**

Not applicable.

**Mixture****Synonyms**

Bacitracin zinc-neomycin sulfate- polymyxin B sulfate ointment.

| Chemical name          | CAS No    | Weight-% | Hazardous Material Information Review Act registry number (HMIRA registry #) | Date HMIRA filed and date exemption granted (if applicable) |
|------------------------|-----------|----------|------------------------------------------------------------------------------|-------------------------------------------------------------|
| Petrolatum (USP Grade) | 8009-03-8 | 80-100   | -                                                                            | -                                                           |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. First-aid measures

**Description of first aid measures****Inhalation**

Remove to fresh air.

**Eye contact**

Rinse thoroughly with plenty of water, also under the eyelids.

**Skin contact**

Wash skin with soap and water.

**Ingestion**

Clean mouth with water and drink afterwards plenty of water.

**Most important symptoms and effects, both acute and delayed****Symptoms**

May cause skin irritation in susceptible persons. May cause redness and tearing of the eyes.

**Indication of any immediate medical attention and special treatment needed****Note to physicians**

Treat symptomatically.

### 5. Fire-fighting measures

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media**

No information available.

**Specific hazards arising from the chemical**

No information available.

**Explosion data**

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

**Special protective equipment for fire-fighters**

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Ensure adequate ventilation.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. Handling and storage

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

## 8. Exposure controls/personal protection

### Control parameters

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** No special protective equipment required.

**Hand protection** No special protective equipment required.

**Skin and body protection** No special protective equipment required.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

|                |                                     |
|----------------|-------------------------------------|
| Appearance     | Off-white ointment                  |
| Physical state | Solid                               |
| Color          | Off-white                           |
| Odor           | Characteristic: Slightly fatty odor |
| Odor threshold | No information available            |

| Property                               | Values             | Remarks • Method |
|----------------------------------------|--------------------|------------------|
| pH                                     | No data available  | None known       |
| Melting point / freezing point         | No data available  | None known       |
| Boiling point / boiling range          | >93 °C / >200 °F   |                  |
| Flash point                            | No data available  | None known       |
| Evaporation rate                       | No data available  | None known       |
| Flammability (solid, gas)              | No data available  | None known       |
| Flammability Limit in Air              |                    | None known       |
| Upper flammability or explosive limits | No data available  |                  |
| Lower flammability or explosive limits | No data available  |                  |
| Vapor pressure                         | No data available  | None known       |
| Vapor density                          | No data available  | None known       |
| Relative density                       | 0.87               | @25°C            |
| Water solubility                       | Insoluble in water |                  |
| Solubility(ies)                        | No data available  | None known       |
| Partition coefficient                  | No data available  | None known       |
| Autoignition temperature               | No data available  | None known       |
| Decomposition temperature              | No data available  | None known       |
| Kinematic viscosity                    | No data available  | None known       |
| Dynamic viscosity                      | No data available  | None known       |

### Other information

|                      |                           |
|----------------------|---------------------------|
| Explosive properties | No information available. |
| Oxidizing properties | No information available. |
| Softening point      | No information available  |
| Molecular weight     | No information available  |
| VOC Content (%)      | No information available  |
| Liquid Density       | No information available  |
| Bulk density         | No information available  |

## 10. Stability and reactivity

|                                    |                                           |
|------------------------------------|-------------------------------------------|
| Reactivity                         | No information available.                 |
| Chemical stability                 | Stable under normal conditions.           |
| Possibility of hazardous reactions | None under normal processing.             |
| Conditions to avoid                | None known based on information supplied. |
| Incompatible materials             | None known based on information supplied. |
| Hazardous decomposition products   | None known based on information supplied. |

## 11. Toxicological information

**Information on likely routes of exposure**

|                     |                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | Specific test data for the substance or mixture is not available. May cause irritation.                                               |
| <b>Eye contact</b>  | Specific test data for the substance or mixture is not available. May cause eye irritation with susceptible persons.                  |
| <b>Skin contact</b> | Specific test data for the substance or mixture is not available. May be harmful in contact with skin. Causes mild skin irritation.   |
| <b>Ingestion</b>    | Specific test data for the substance or mixture is not available. May cause gastrointestinal discomfort if consumed in large amounts. |

**Symptoms related to the physical, chemical and toxicological characteristics**

|                 |                                                                                              |
|-----------------|----------------------------------------------------------------------------------------------|
| <b>Symptoms</b> | May cause skin irritation in susceptible persons. May cause redness and tearing of the eyes. |
|-----------------|----------------------------------------------------------------------------------------------|

**Acute toxicity****Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (dermal) 3,640.80 mg/kg

**Component Information**

| Chemical name          | Oral LD50 | Dermal LD50             | Inhalation LC50 |
|------------------------|-----------|-------------------------|-----------------|
| Petrolatum (USP Grade) |           | = 3600 mg/kg ( Rabbit ) |                 |

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

|                                          |                                                                   |
|------------------------------------------|-------------------------------------------------------------------|
| <b>Skin corrosion/irritation</b>         | May cause mild to moderate irritation.                            |
| <b>Serious eye damage/eye irritation</b> | May cause mild to moderate irritation.                            |
| <b>Respiratory or skin sensitization</b> | Not expected to be sensitizer.                                    |
| <b>Germ cell mutagenicity</b>            | Based on available data, the classification criteria are not met. |
| <b>Carcinogenicity</b>                   | No information available.                                         |
| <b>Reproductive toxicity</b>             | Based on available data, the classification criteria are not met. |
| <b>STOT - single exposure</b>            | No information available.                                         |
| <b>STOT - repeated exposure</b>          | No information available.                                         |
| <b>Aspiration hazard</b>                 | No information available.                                         |

**12. Ecological information**

|                                      |                                                                           |
|--------------------------------------|---------------------------------------------------------------------------|
| <b>Ecotoxicity</b>                   | The environmental impact of this product has not been fully investigated. |
| <b>Persistence and degradability</b> | No information available.                                                 |
| <b>Bioaccumulation</b>               | No information available.                                                 |

|                       |                           |
|-----------------------|---------------------------|
| Mobility in soil      | No information available. |
| Mobility              | No information available. |
| Other adverse effects | No information available. |

### 13. Disposal considerations

#### Waste treatment methods

|                                     |                                                                                                                 |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Waste from residues/unused products | Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. |
| Contaminated packaging              | Do not reuse empty containers.                                                                                  |

### 14. Transport information

|             |               |
|-------------|---------------|
| <u>DOT</u>  | Not regulated |
| <u>TDG</u>  | Not regulated |
| <u>MEX</u>  | Not regulated |
| <u>IATA</u> | Not regulated |
| <u>IMDG</u> | Not regulated |

### 15. Regulatory information

#### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

#### International Inventories

|               |                                                   |
|---------------|---------------------------------------------------|
| TSCA          | Contact supplier for inventory compliance status. |
| DSL/NDSL      | Contact supplier for inventory compliance status. |
| EINECS/ELINCS | Contact supplier for inventory compliance status. |
| ENCS          | Contact supplier for inventory compliance status. |
| IECSC         | Contact supplier for inventory compliance status. |
| KECL          | Contact supplier for inventory compliance status. |
| PICCS         | Contact supplier for inventory compliance status. |
| AICS          | Contact supplier for inventory compliance status. |

#### **Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

#### **US State Regulations**

| Chemical name                | New Jersey | Massachusetts | Pennsylvania |
|------------------------------|------------|---------------|--------------|
| Bacitracin zinc<br>1405-89-6 | X          | -             | X            |

### U.S. EPA Label Information

**EPA Pesticide Registration Number** Not applicable

## **16. Other information**

|             |                         |                       |                           |                                           |
|-------------|-------------------------|-----------------------|---------------------------|-------------------------------------------|
| <b>NFPA</b> | <b>Health hazards</b> 0 | <b>Flammability</b> 0 | <b>Instability</b> 0      | <b>Physical and chemical properties</b> - |
| <b>HMIS</b> | <b>Health hazards</b> 0 | <b>Flammability</b> 0 | <b>Physical hazards</b> 0 | <b>Personal protection</b> X              |

### **Key or legend to abbreviations and acronyms used in the safety data sheet**

#### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

|         |                             |      |                                  |
|---------|-----------------------------|------|----------------------------------|
| TWA     | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value         | *    | Skin designation                 |

**Key literature references and sources for data used to compile the SDS**

U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
EPA (Environmental Protection Agency)  
Acute Exposure Guideline Level(s) (AEGL(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
Japan GHS Classification  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
RTECS (Registry of Toxic Effects of Chemical Substances)  
World Health Organization

**Issuing Date** 04-Feb-2019

**Revision date** 04-Feb-2019

**Revision Note** Initial Release.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**

## SAFETY DATA SHEET



# MED-NAP

### SECTION 1: PRODUCT IDENTIFICATION

**PRODUCT:** Alcohol Antimicrobial Towelettes and Prep Pads

**Company Name and Address:** Med Nap, LLC  
301 Marianne Street  
Brooksville, FL 34601

**Emergency Telephone Number:** 352-796-6020

**Recommended use:** Intended for use as a skin antiseptic. For external use only.

### SECTION 2: HAZARDOUS IDENTIFICATION

**Hazardous Classification:** This material contains components that are considered hazardous by the OSHA Hazard Communication Standard 29 CFR 1910.1200. Flammable

**Precautionary statements:** Keep out of reach of children. Flammable.

**Target Organs:** respiratory system, skin, eyes, CNS, liver, blood and reproductive system. Potential

**Health Effects:** See Section 11 for more information.

**Symptoms of Exposure:**

**Inhalation:** May cause irritation of the respiratory tract. Exposure at High concentrations may cause dizziness, drowsiness, headaches, mental confusion, and lung damage.

**Ingestion:** May cause nausea, vomiting and diarrhea. Large concentrations may cause irritation of nasal, esophageal and digestive tract. A large dose may cause may cause dizziness, drowsiness, headaches, mental confusion, and lung damage.

**Eyes:** May cause irritation to the eyes.

**Skin:** None expected except prolonged contact may result in irritation and dermatitis.

**Carcinogens:** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.). Potential Environmental Effects: See Section 12 for more information.

### SECTION 3: INFORMATION ON INGREDIENTS

| Ingredient list   | Cas #     | %         |
|-------------------|-----------|-----------|
| Isopropyl Alcohol | 67-63-0   | >70%      |
| Purified Water    | 7732-18-5 | QS to 100 |

## SECTION 4: FIRST-AID MEASURES

### **Emergency first aid procedures by route of exposure:**

**Inhalation:** If symptoms are experienced, remove source of contamination or move victim to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

**Ingestion:** Do not induce vomiting. If the material is swallowed have victim drink 1-3 glasses of water to dilute stomach contents. Seek medical attention or advice.

**Skin:** If irritation is experienced, flush with water. If irritation persists, seek medical attention.

**Eyes:** Immediately flush eyes with water for at least 15 minutes holding the eye open. Seek medical attention if irritation persists

## SECTION 5: FIRE-FIGHTING MEASURES

**Flammability Classification:** Flammable Liquid IB Extinguishing Media: Use methods appropriate for the surrounding fire. Consider water spray or fog, carbon dioxide, dry chemical powder, or alcohol resistant foam.

**Products of Combustion:** Upon decomposition this product may emit carbon dioxide, carbon monoxide and/or low molecular weight hydrocarbons.

**Fire Fighting Equipment/Instructions:** Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self contained breathing apparatus.

**NFPA Rating:** Health: 2 Fire: 3 Reactivity: 0 Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** For large spills wear gloves, safety glasses and when levels exceed OSHA PEL use appropriate NIOSH approved respiratory protection. Keep unnecessary personnel away. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.

**Environmental Precautions:** Prevent discharge to open waters.

**Method for Containment:** Absorb spilled liquid in suitable non-flammable inert material such as clay, vermiculite or diatomaceous earth.

**Methods for Clean-Up:** Ventilate area of leak or spill. Use spark-proof tools to sweep or scrape up and containerize in approved chemical waste container. Wash spill area with water.

## SECTION 7: HANDLING AND STORAGE

**Handling:** Keep away from heat, sparks and flame. Prevent contact with eyes. Avoid inhalation. Use in well ventilated area.

**Storage:** Keep the container tightly closed and in a cool, well ventilated place.

## SECTION 8: EXPOSURE CONTROLS

### **Isopropyl Alcohol (67-63-0)**

**ACGIH:** 200 ppm TWA

**OSHA:** 400 ppm TWA; 980 mg/m<sup>3</sup> TWA

**Engineering Controls:** Normal room ventilation is usually adequate under normal use.

**Personal Protective Equipment (PPE)**

**Eye/Face Protection:** None needed under normal use – Wear goggles if exposed to unusual amount and splashing

**Skin Protection:** None needed under normal use -- Wear overalls or apron if splashing is possible

**Respiratory Protection:** may be needed if vapor concentrations are high.

**General Hygiene Considerations:** None needed under normal use.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Towelette Saturated with liquid

**Appearance/Color:** Clear

**Odor:** Alcohol

**PH:** Not Available

**Vapor Density:** 2.1 (air=1)

**Boiling Point:** 80°C

**Vapor Pressure:** No data

**Melting Point:** No data

**Freezing Point:** Not Available

**Flammability Properties:** (see section 5)

**Solubility (in water):** Soluble

**Specific Gravity @ 25°C:** 0.88-0.92

**Evaporation Rate:** Not Available

**Octanol/Water partition coefficient:** Not Available

**Auto-ignition temperature:** Not Available

**Decomposition temperature:** Not Available

## SECTION 10: STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal ambient temperatures 70°C (21°C)

**Conditions to avoid:** Avoid excessive heat or sources of ignition.

**Incompatible materials:** This product reacts with strong acid, strong bases, and oxidizing agents.

**Hazardous decomposition products:** Upon decomposition, this product evolves carbon monoxide, carbon dioxide, and/or low weight hydrocarbons.

**Possibility of hazardous reactions:** Hazardous polymerization does not occur.

## SECTION 11: TOXICOLOGICAL INFORMATION

**General Product information:** Product contains isopropyl alcohol.

**Acute Toxicity:** Low order of acute toxicity is possible.

**Chronic Effects:** Component Isopropyl Alcohol (67-63-0) -- This product is not expected to cause long term adverse effects

**Carcinogenicity:** ACGIH A4 – Not Classifiable as a Human Carcinogen

**Neurotoxicity:** No information available **Mutagenicity:** No information available for product.

**Reproductive:** This product is not expected to cause reproductive health effects

**Developmental:** This product is not expected to cause reproductive health effects.

**Target Organs:** When consumed, ethyl alcohol can target the respiratory system, skin, eyes, CNS, liver, blood and reproductive system.

## SECTION 12: ECOLOGICAL INFORMATION

Solutions of alcohols are toxic to aquatic life at moderate to low concentrations. No long-term ecological effects are likely. Concentrated solutions of alcohols and surfactants may cause damage to aquatic and terrestrial plants.

## SECTION 13: DISPOSABLE INFORMATION

Dispose in accordance with federal state and local regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld near container. Do not incinerate closed containers. Empty containers may contain hazardous residues. Dispose of containers with care.

## SECTION 14: TRANSPORT INFORMATION

**DOT CFR 172.01 Data:** Isopropanol Solution (3) Flammable Liquid UN1219 PGII

**UN Proper Shipping Name:** Isopropanol Solution

**UN Class:** (3) Flammable Liquid

**UN Number:** 1219

**Packaging Group:** II

## SECTION 15: REGULATORY INFORMATION

**Labeling Information:** Flammable

## SECTION 16: OTHER INFORMATION

**Issue Date:** 1/1/2018

**Disclaimer:** The information provided in this SDS is correct and is to the best of our knowledge, at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.



HEALTHCARE BEYOND BURN CARE™

# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR)

Issuing Date 04-Dec-2019

Revision Date 04-Dec-2019

Revision Number 1

## 1. Identification

### Product identifier

Product Name First Aid/ Burn Cream

### Other means of identification

Product Code(s) FAC.00.121

Synonyms First Aid Cream; First Aid /Burn Cream Antiseptic Pain Relief with Aloe

### Recommended use of the chemical and restrictions on use

Recommended use First aid to help prevent infection and for the temporary relief of pain and itching associated with minor cuts, scrapes and burns

Restrictions on use For external use only.

### Details of the supplier of the safety data sheet

#### Manufacturer Address

WaterJel ® Technologies  
50 Broad Street  
Carlstadt, NJ 07072  
P: 201-507-8300

#### Emergency telephone number

Emergency Telephone 800-275-3433 (8:00 am-5:00 pm EST Weekdays)

## 2. Hazard(s) identification

### Classification

### Label elements

#### Hazard statements

Not classified.

### Other information

No information available.

## 3. Composition/information on ingredients

**Substance**

Not applicable.

**Mixture****Synonyms**

First Aid Cream; First Aid /Burn Cream Antiseptic Pain Relief with Aloe

| Chemical name    | CAS No  | Weight-% | Hazardous Material Information Review Act registry number (HMIRA registry #) | Date HMIRA filed and date exemption granted (if applicable) |
|------------------|---------|----------|------------------------------------------------------------------------------|-------------------------------------------------------------|
| Stearic acid     | 57-11-4 | 5-10     | -                                                                            | -                                                           |
| Glycerin         | 56-81-5 | 1-5      | -                                                                            | -                                                           |
| Propylene glycol | 57-55-6 | 0.5-1.5  | -                                                                            | -                                                           |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. First-aid measures****Description of first aid measures**

|              |                                                                |
|--------------|----------------------------------------------------------------|
| Inhalation   | Remove to fresh air.                                           |
| Eye contact  | Rinse thoroughly with plenty of water, also under the eyelids. |
| Skin contact | Wash skin with soap and water.                                 |
| Ingestion    | Clean mouth with water and drink afterwards plenty of water.   |

**Most important symptoms and effects, both acute and delayed**

Symptoms May cause temporary eye irritation.

**Indication of any immediate medical attention and special treatment needed**

Note to physicians Treat symptomatically.

**5. Fire-fighting measures**

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media No information available.

Specific hazards arising from the chemical No information available.

**Explosion data**

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Ensure adequate ventilation.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. Handling and storage

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

## 8. Exposure controls/personal protection

### Control parameters

#### Exposure Limits

| Chemical name               | ACGIH TLV                                                                                                        |                                                       | OSHA PEL                                                                                                                                                                                                                               | NIOSH                     |
|-----------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Stearic acid<br>57-11-4     | TWA: 10 mg/m <sup>3</sup> inhalable particulate matter<br>TWA: 3 mg/m <sup>3</sup> respirable particulate matter |                                                       | -                                                                                                                                                                                                                                      | -                         |
| Glycerin<br>56-81-5         | -                                                                                                                |                                                       | TWA: 15 mg/m <sup>3</sup> mist, total particulate<br>TWA: 5 mg/m <sup>3</sup> mist, respirable fraction<br>(vacated) TWA: 10 mg/m <sup>3</sup> mist, total particulate<br>(vacated) TWA: 5 mg/m <sup>3</sup> mist, respirable fraction | -                         |
| Chemical name               | Alberta                                                                                                          | British Columbia                                      | Ontario                                                                                                                                                                                                                                | Quebec                    |
| Glycerin<br>56-81-5         | TWA: 10 mg/m <sup>3</sup>                                                                                        | TWA: 10 mg/m <sup>3</sup><br>TWA: 3 mg/m <sup>3</sup> |                                                                                                                                                                                                                                        | TWA: 10 mg/m <sup>3</sup> |
| Propylene glycol<br>57-55-6 |                                                                                                                  |                                                       | TWA: 10 mg/m <sup>3</sup><br>TWA: 50 ppm<br>TWA: 155 mg/m <sup>3</sup>                                                                                                                                                                 |                           |

### Appropriate engineering controls

**Engineering controls** Showers

Eyewash stations  
Ventilation systems.

#### **Individual protection measures, such as personal protective equipment**

|                                       |                                                                                                                                                                          |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye/face protection</b>            | No special protective equipment required.                                                                                                                                |
| <b>Hand protection</b>                | No special protective equipment required.                                                                                                                                |
| <b>Skin and body protection</b>       | No special protective equipment required.                                                                                                                                |
| <b>Respiratory protection</b>         | No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. |
| <b>General hygiene considerations</b> | Handle in accordance with good industrial hygiene and safety practice.                                                                                                   |

## **9. Physical and chemical properties**

### **Information on basic physical and chemical properties**

|                       |                          |
|-----------------------|--------------------------|
| <b>Appearance</b>     | White cream              |
| <b>Physical state</b> | Solid                    |
| <b>Color</b>          | White                    |
| <b>Odor</b>           | Odorless                 |
| <b>Odor threshold</b> | No information available |

| <b><u>Property</u></b>                        | <b><u>Values</u></b> | <b><u>Remarks • Method</u></b>     |
|-----------------------------------------------|----------------------|------------------------------------|
| <b>pH</b>                                     | 6.4 - 7.6            |                                    |
| <b>Melting point / freezing point</b>         | No data available    | None known                         |
| <b>Boiling point / boiling range</b>          | No data available    | None known                         |
| <b>Flash point</b>                            | No data available    | None known                         |
| <b>Evaporation rate</b>                       | No data available    | None known                         |
| <b>Flammability (solid, gas)</b>              | No data available    | None known                         |
| <b>Flammability Limit in Air</b>              |                      | None known                         |
| <b>Upper flammability or explosive limits</b> | No data available    |                                    |
| <b>Lower flammability or explosive limits</b> | No data available    |                                    |
| <b>Vapor pressure</b>                         | No data available    | None known                         |
| <b>Vapor density</b>                          | No data available    | None known                         |
| <b>Relative density</b>                       | No data available    | None known                         |
| <b>Water solubility</b>                       | Miscible in water    |                                    |
| <b>Solubility(ies)</b>                        | No data available    | None known                         |
| <b>Partition coefficient</b>                  | No data available    | None known                         |
| <b>Autoignition temperature</b>               | No data available    | None known                         |
| <b>Decomposition temperature</b>              | No data available    | None known                         |
| <b>Kinematic viscosity</b>                    | No data available    | None known                         |
| <b>Dynamic viscosity</b>                      | 10,000 - 75,000 cP   | Spindle #4 (64), 6 RPM, 15 seconds |

### **Other information**

|                             |                           |
|-----------------------------|---------------------------|
| <b>Explosive properties</b> | No information available. |
| <b>Oxidizing properties</b> | No information available. |
| <b>Softening point</b>      | No information available. |
| <b>Molecular weight</b>     | No information available. |
| <b>VOC Content (%)</b>      | No information available. |
| <b>Liquid Density</b>       | No information available. |
| <b>Bulk density</b>         | No information available. |

## 10. Stability and reactivity

|                                           |                                           |
|-------------------------------------------|-------------------------------------------|
| <b>Reactivity</b>                         | None under normal use conditions.         |
| <b>Chemical stability</b>                 | Stable under normal conditions.           |
| <b>Possibility of hazardous reactions</b> | None under normal processing.             |
| <b>Conditions to avoid</b>                | None known based on information supplied. |
| <b>Incompatible materials</b>             | None known based on information supplied. |
| <b>Hazardous decomposition products</b>   | None known based on information supplied. |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |                                                                   |
|---------------------|-------------------------------------------------------------------|
| <b>Inhalation</b>   | Specific test data for the substance or mixture is not available. |
| <b>Eye contact</b>  | Specific test data for the substance or mixture is not available. |
| <b>Skin contact</b> | Specific test data for the substance or mixture is not available. |
| <b>Ingestion</b>    | Specific test data for the substance or mixture is not available. |

### Symptoms related to the physical, chemical and toxicological characteristics

|                 |                                     |
|-----------------|-------------------------------------|
| <b>Symptoms</b> | May cause temporary eye irritation. |
|-----------------|-------------------------------------|

### Acute toxicity

### Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 29,131.40 mg/kg

### Component Information

| Chemical name    | Oral LD50             | Dermal LD50              | Inhalation LC50                     |
|------------------|-----------------------|--------------------------|-------------------------------------|
| Stearic acid     | = 4600 mg/kg ( Rat )  |                          |                                     |
| Glycerin         | = 12600 mg/kg ( Rat ) | > 10 g/kg ( Rabbit )     | > 570 mg/m <sup>3</sup> ( Rat ) 1 h |
| Propylene glycol | = 20 g/kg ( Rat )     | = 20800 mg/kg ( Rabbit ) |                                     |

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

|                                          |                           |
|------------------------------------------|---------------------------|
| <b>Skin corrosion/irritation</b>         | No information available. |
| <b>Serious eye damage/eye irritation</b> | No information available. |
| <b>Respiratory or skin sensitization</b> | No information available. |
| <b>Germ cell mutagenicity</b>            | No information available. |
| <b>Carcinogenicity</b>                   | No information available. |

**Legend**

**IARC (International Agency for Research on Cancer)**  
Group 3 - Not Classifiable as to Carcinogenicity in Humans

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

**12. Ecological information****Ecotoxicity**

| Chemical name               | Algae/aquatic plants                                    | Fish                                                                                                                                                                           | Toxicity to microorganisms | Crustacea                            |
|-----------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------|
| Glycerin<br>56-81-5         | -                                                       | LC50: 51 - 57mL/L (96h, Oncorhynchus mykiss)                                                                                                                                   | -                          | -                                    |
| Propylene glycol<br>57-55-6 | EC50: =19000mg/L (96h, Pseudokirchneriella subcapitata) | LC50: =51400mg/L (96h, Pimephales promelas) LC50: 41 - 47mL/L (96h, Oncorhynchus mykiss) LC50: =51600mg/L (96h, Oncorhynchus mykiss) LC50: =710mg/L (96h, Pimephales promelas) | -                          | EC50: >1000mg/L (48h, Daphnia magna) |

**Persistence and degradability** No information available.

**Bioaccumulation** No information available.

**Component Information**

| Chemical name       | Partition coefficient |
|---------------------|-----------------------|
| Glycerin<br>56-81-5 | -1.76                 |

**Mobility in soil** No information available.

**Other adverse effects** No information available.

**13. Disposal considerations****Waste treatment methods**

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

**14. Transport information**

|             |               |
|-------------|---------------|
| <u>DOT</u>  | Not regulated |
| <u>TDG</u>  | Not regulated |
| <u>MEX</u>  | Not regulated |
| <u>IATA</u> | Not regulated |
| <u>IMDG</u> | Not regulated |

## 15. Regulatory information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

#### International Inventories

**TSCA** Contact supplier for inventory compliance status.  
**DSL/NDSL** Contact supplier for inventory compliance status.

#### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

#### US Federal Regulations

##### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

##### **SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

##### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

##### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

#### **US State Regulations**

##### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

#### **U.S. State Right-to-Know Regulations**

**US State Regulations**

| Chemical name               | New Jersey | Massachusetts | Pennsylvania |
|-----------------------------|------------|---------------|--------------|
| Glycerin<br>56-81-5         | X          | X             | X            |
| Propylene glycol<br>57-55-6 | X          | -             | X            |

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. Other information**

|             |                  |                |                    |                                    |
|-------------|------------------|----------------|--------------------|------------------------------------|
| <b>NFPA</b> | Health hazards 0 | Flammability 0 | Instability 0      | Physical and chemical properties - |
| <b>HMIS</b> | Health hazards 0 | Flammability 0 | Physical hazards 0 | Personal protection X              |

**Key or legend to abbreviations and acronyms used in the safety data sheet****Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

|         |                             |      |                                  |
|---------|-----------------------------|------|----------------------------------|
| TWA     | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value         | *    | Skin designation                 |

**Key literature references and sources for data used to compile the SDS**

U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 EPA (Environmental Protection Agency)  
 Acute Exposure Guideline Level(s) (AELG(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 Japan GHS Classification  
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
 NIOSH (National Institute for Occupational Safety and Health)  
 National Library of Medicine's ChemID Plus (NLM CIP)  
 National Toxicology Program (NTP)  
 New Zealand's Chemical Classification and Information Database (CCID)  
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
 Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
 Organization for Economic Co-operation and Development Screening Information Data Set  
 World Health Organization

**Issuing Date** 04-Dec-2019  
**Revision Date** 04-Dec-2019  
**Revision Note** Initial Release.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**

# SAFETY DATA SHEET

## 1. Identification

|                                                               |                                                                        |
|---------------------------------------------------------------|------------------------------------------------------------------------|
| <b>Product identifier</b>                                     | <b>Antiseptic Spray</b>                                                |
| <b>Other means of identification</b>                          | Not available.                                                         |
| <b>Recommended use</b>                                        | Not available.                                                         |
| <b>Recommended restrictions</b>                               | None known.                                                            |
| <b>Manufacturer/Importer/Supplier/Distributor information</b> |                                                                        |
| <b>Manufacturer</b>                                           |                                                                        |
| <b>Manufacturer:</b>                                          | Safetec of America, Inc.<br>887 Kensington Avenue<br>Buffalo, NY 14215 |
| <b>Company Telephone:</b>                                     | 1-716-895-1822                                                         |
| <b>E-mail Address:</b>                                        | www.safetec.com                                                        |
| <b>Emergency Telephone:</b>                                   | 1-800-255-3924                                                         |
| <b>Supplier</b>                                               | Refer to Manufacturer                                                  |

## 2. Hazard(s) identification

|                              |                                                                                       |                             |
|------------------------------|---------------------------------------------------------------------------------------|-----------------------------|
| <b>Physical hazards</b>      | Flammable liquids                                                                     | Category 3                  |
| <b>Health hazards</b>        | Serious eye damage/eye irritation                                                     | Category 2A                 |
|                              | Specific target organ toxicity, single exposure                                       | Category 3 narcotic effects |
| <b>Environmental hazards</b> | This mixture does not meet the classification criteria according to OSHA HazCom 2012. |                             |
| <b>OSHA defined hazards</b>  | This mixture does not meet the classification criteria according to OSHA HazCom 2012. |                             |
| <b>Label elements</b>        |                                                                                       |                             |



|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Signal word</b>                               | Danger                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Hazard statement</b>                          | Flammable liquid and vapor. Causes serious eye irritation. May cause drowsiness or dizziness.                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Precautionary statement</b>                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Prevention</b>                                | Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing mist or vapor. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.              |
| <b>Response</b>                                  | If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention. In case of fire: Use appropriate media for extinction. |
| <b>Storage</b>                                   | Keep cool. Store in a well-ventilated place. Keep container tightly closed.                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Disposal</b>                                  | Dispose of contents/container in accordance with local/regional/national/international regulations.                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Hazard(s) not otherwise classified (HNOC)</b> | None known.                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Supplemental information</b>                  | None.                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## 3. Composition/information on ingredients

### Mixtures

| Chemical name         | Common name and synonyms                                            | CAS number | %   |
|-----------------------|---------------------------------------------------------------------|------------|-----|
| Isopropanol           | Dimethyl carbinol<br>2-Propanol<br>Isopropyl alcohol<br>Propan-2-ol | 67-63-0    | 50  |
| Benzocaine            | Not available                                                       | 94-09-7    | 5.2 |
| Benzalkonium Chloride | Not available                                                       | 63449-41-2 | 0.1 |

#### 4. First-aid measures

|                                                                               |                                                                                                                                                                             |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>                                                             | If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms persist.                         |
| <b>Skin contact</b>                                                           | Wash off with warm water and soap. Get medical attention if symptoms occur.                                                                                                 |
| <b>Eye contact</b>                                                            | If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms persist. |
| <b>Ingestion</b>                                                              | If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting without advice from poison control center. Get medical attention.            |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Causes serious eye irritation. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. May cause drowsiness or dizziness.           |
| <b>Indication of immediate medical attention and special treatment needed</b> | Treat symptomatically.                                                                                                                                                      |

#### 5. Fire-fighting measures

|                                                                      |                                                                                                                                                                                 |
|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>                                  | Water. Water Spray or Fog. Dry chemicals. Foam. Carbon dioxide (CO2).                                                                                                           |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.                                                                                                          |
| <b>Specific hazards arising from the chemical</b>                    | The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. Thermal decomposition or combustion may liberate toxic gases or fumes. |
| <b>Special protective equipment and precautions for firefighters</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire.                                                                                   |
| <b>Fire fighting equipment/instructions</b>                          | Cool containers exposed to heat with water spray and remove container, if no risk is involved.                                                                                  |
| <b>General fire hazards</b>                                          | Flammable liquid and vapor.                                                                                                                                                     |
| <b>Hazardous combustion products</b>                                 | Carbon oxides. Other unidentified organic compounds.                                                                                                                            |

#### 6. Accidental release measures

|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep unnecessary personnel away. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.                                                              |
| <b>Methods and materials for containment and cleaning up</b>               | Absorb spill with vermiculite or other inert material, then place in a sealed container for chemical waste.<br><br>Large Spills: Flush with plenty of water. Prevent entry into waterways, sewer, basements or confined areas. Dike for later disposal.<br><br>Small Spills: Clean up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. |
| <b>Environmental precautions</b>                                           | Avoid discharge into drains, water courses or onto the ground.                                                                                                                                                                                                                                                                                                                                 |

#### 7. Handling and storage

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Precautions for safe handling</b> | Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Eliminate all sources of ignition. Take precautionary measures against static discharges. Ground/bond container and receiving equipment. Use explosion-proof equipment. Use only non-sparking tools. When using, do not eat, drink or smoke. Wear appropriate personal protective equipment. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Use only with adequate ventilation. Wash thoroughly after handling. |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Conditions for safe storage, including any incompatibilities**

Do not store around flammable or combustible materials. Store in tightly closed original container in a well-ventilated place. Keep cool. Store locked up.

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components                | Type | Value                |
|---------------------------|------|----------------------|
| Isopropanol (CAS 67-63-0) | PEL  | 980 mg/m3<br>400 ppm |

#### US. ACGIH Threshold Limit Values

| Components                | Type | Value   |
|---------------------------|------|---------|
| Isopropanol (CAS 67-63-0) | STEL | 400 ppm |
|                           | TWA  | 200 ppm |

#### US. NIOSH: Pocket Guide to Chemical Hazards

| Components                | Type | Value                 |
|---------------------------|------|-----------------------|
| Isopropanol (CAS 67-63-0) | STEL | 1225 mg/m3<br>500 ppm |
|                           | TWA  | 980 mg/m3<br>400 ppm  |

### Biological limit values

#### ACGIH Biological Exposure Indices

| Components                | Value   | Determinant | Specimen | Sampling Time |
|---------------------------|---------|-------------|----------|---------------|
| Isopropanol (CAS 67-63-0) | 40 mg/l | Acetone     | Urine    | *             |

\* - For sampling details, please see the source document.

### Appropriate engineering controls

Explosion-proof general and local exhaust ventilation.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

#### Skin protection

**Hand protection** Chemical resistant gloves recommended.

#### Other

Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health or safety professional or manufacturer for specific information.

#### Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Contact health and safety professional or manufacturer for specific information.

#### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

### General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

### Appearance

**Physical state** Liquid.

**Form** Off-white liquid.

**Color** Off-white.

**Odor** Antiseptic odor.

**Odor threshold** Not available.

**pH** 7

**Melting point/freezing point** Not available.

**Initial boiling point and boiling range** No data.

**Flash point** 91.0 °F (32.8 °C) Cleveland Open Cup

**Evaporation rate** Not available.

Flammability (solid, gas) Not applicable.

**Upper/lower flammability or explosive limits**

Flammability limit - lower (%) 2.5 %

Flammability limit - upper (%) 11.8 %

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure Not available.

Vapor density Not available.

Relative density Not available.

**Solubility(ies)**

Solubility (water) Slightly soluble.

Partition coefficient (n-octanol/water) Not available.

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity Not available.

**Other information**

Percent volatile No data.

Specific gravity 0.98

## 10. Stability and reactivity

Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability Stable at normal conditions.

Possibility of hazardous reactions Hazardous polymerization does not occur.

Conditions to avoid Keep away from heat, sparks and open flame. High temperatures.

Incompatible materials Strong oxidizing agents. Acids.

Hazardous decomposition products Carbon oxides. Organic compounds.

## 11. Toxicological information

**Information on likely routes of exposure**

Inhalation May cause drowsiness or dizziness.

Skin contact Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

Eye contact Causes serious eye irritation.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Most important symptoms/effects, acute and delayed Causes serious eye irritation. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. May cause drowsiness or dizziness.

**Information on toxicological effects**

Acute toxicity Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

| Components                | Species | Test Results                                             |
|---------------------------|---------|----------------------------------------------------------|
| Isopropanol (CAS 67-63-0) |         |                                                          |
| <b>Acute</b>              |         |                                                          |
| <i>Dermal</i>             |         |                                                          |
| LD50                      | Rabbit  | 12890 mg/kg                                              |
| <i>Inhalation</i>         |         |                                                          |
| LC50                      | Rat     | 17000 ppm, 4 hours (vapor)<br>41.8 mg/l, 4 hours (vapor) |

| Components                                                     | Species                                                                                                          | Test Results |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|--------------|
| Oral<br>LD50                                                   | Rat                                                                                                              | 4720 mg/kg   |
| Skin corrosion/irritation                                      | Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.                  |              |
| Serious eye damage/eye irritation                              | Causes serious eye irritation.                                                                                   |              |
| Respiratory or skin sensitization                              |                                                                                                                  |              |
| Respiratory sensitization                                      | This product is not expected to cause respiratory sensitization.                                                 |              |
| Skin sensitizer                                                | This product is not expected to cause skin sensitization.                                                        |              |
| Germ cell mutagenicity                                         | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |              |
| Carcinogenicity                                                | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.                                  |              |
| OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) |                                                                                                                  |              |
| Not listed.                                                    |                                                                                                                  |              |
| Reproductive toxicity                                          | This product is not expected to cause reproductive effects.                                                      |              |
| Specific target organ toxicity - single exposure               | May cause drowsiness or dizziness.                                                                               |              |
| Specific target organ toxicity - repeated exposure             | Not classified as a specific target organ toxicity -repeated exposure.                                           |              |
| Aspiration toxicity                                            | Not expected to be an aspiration hazard.                                                                         |              |

## 12. Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous.

| Components                                        | Species                                                                                                                                                                                 |                                      | Test Results        |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------|
| Isopropanol (CAS 67-63-0)                         |                                                                                                                                                                                         |                                      |                     |
| Aquatic                                           |                                                                                                                                                                                         |                                      |                     |
| Acute                                             |                                                                                                                                                                                         |                                      |                     |
| Crustacea                                         | EC50                                                                                                                                                                                    | Water flea (Daphnia magna)           | 1400 mg/l, 48 hours |
| Fish                                              | LC50                                                                                                                                                                                    | Fathead minnow (Pimephales promelas) | 9640 mg/l, 96 hours |
| Chronic                                           |                                                                                                                                                                                         |                                      |                     |
| Crustacea                                         | NOEC                                                                                                                                                                                    | Water flea (Daphnia magna)           | 30 mg/l, 21 days    |
| Persistence and degradability                     | Not available.                                                                                                                                                                          |                                      |                     |
| Bioaccumulative potential                         | Not available.                                                                                                                                                                          |                                      |                     |
| Partition coefficient n-octanol / water (log Kow) |                                                                                                                                                                                         |                                      |                     |
| Isopropanol                                       | 0.05                                                                                                                                                                                    |                                      |                     |
| Bioconcentration factor (BCF)                     |                                                                                                                                                                                         |                                      |                     |
| Isopropanol                                       | 1                                                                                                                                                                                       |                                      |                     |
| Mobility in soil                                  | Not available.                                                                                                                                                                          |                                      |                     |
| Other adverse effects                             | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. |                                      |                     |

## 13. Disposal considerations

|                                              |                                                                                                                                                                                                                  |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disposal instructions</b>                 | Collect and reclaim or dispose in sealed containers at licensed waste disposal site.                                                                                                                             |
| <b>Local disposal regulations</b>            | Dispose in accordance with all applicable regulations.                                                                                                                                                           |
| <b>Hazardous waste code</b>                  | The waste code should be assigned in discussion between the user, the producer and the waste disposal company.                                                                                                   |
| <b>Waste from residues / unused products</b> | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). |
| <b>Contaminated packaging</b>                | Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.       |

## 14. Transport information

### DOT

|                              |                                                      |
|------------------------------|------------------------------------------------------|
| UN number                    | UN1993                                               |
| UN proper shipping name      | Flammable liquids, n.o.s. (Isopropanol RQ = 200 LBS) |
| Transport hazard class(es)   |                                                      |
| Class                        | 3                                                    |
| Subsidiary risk              | -                                                    |
| Label(s)                     | 3                                                    |
| Packing group                | III                                                  |
| Special precautions for user | Not available.                                       |
| Special provisions           | B1, B52, IB3, T4, TP1, TP29                          |
| Packaging exceptions         | 150                                                  |
| Packaging non bulk           | 203                                                  |
| Packaging bulk               | 242                                                  |

### IATA

|                              |                                        |
|------------------------------|----------------------------------------|
| UN number                    | UN1993                                 |
| UN proper shipping name      | Flammable liquid, n.o.s. (Isopropanol) |
| Transport hazard class(es)   |                                        |
| Class                        | 3                                      |
| Subsidiary risk              | -                                      |
| Packing group                | III                                    |
| Environmental hazards        | No.                                    |
| ERG Code                     | 3L                                     |
| Special precautions for user | Not available.                         |
| Other information            |                                        |
| Passenger and cargo aircraft | Allowed.                               |
| Cargo aircraft only          | Allowed.                               |

### IMDG

|                                                                          |                                        |
|--------------------------------------------------------------------------|----------------------------------------|
| UN number                                                                | UN1993                                 |
| UN proper shipping name                                                  | FLAMMABLE LIQUID, N.O.S. (Isopropanol) |
| Transport hazard class(es)                                               |                                        |
| Class                                                                    | 3                                      |
| Subsidiary risk                                                          | -                                      |
| Packing group                                                            | III                                    |
| Environmental hazards                                                    |                                        |
| Marine pollutant                                                         | No.                                    |
| EmS                                                                      | F-E, <u>S</u> -E                       |
| Special precautions for user                                             | Not available.                         |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not available.                         |

### DOT





## 15. Regulatory information

### US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

Isopropanol (CAS 67-63-0) Listed.

#### SARA 304 Emergency release notification

Not regulated.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### Hazard categories

Immediate Hazard - Yes

Delayed Hazard - No

Fire Hazard - Yes

Pressure Hazard - No

Reactivity Hazard - No

#### SARA 302 Extremely hazardous substance

Not listed.

#### SARA 311/312 Hazardous chemical

Yes

#### SARA 313 (TRI reporting)

| Chemical name | CAS number | % by wt. |
|---------------|------------|----------|
| Isopropanol   | 67-63-0    | 50       |

### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

#### Safe Drinking Water Act (SDWA)

Not regulated.

### US state regulations

#### US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

#### US. Massachusetts RTK - Substance List

Isopropanol (CAS 67-63-0)

#### US. New Jersey Worker and Community Right-to-Know Act

Isopropanol (CAS 67-63-0)

#### US. Pennsylvania Worker and Community Right-to-Know Law

Isopropanol (CAS 67-63-0)

#### US. Rhode Island RTK

Isopropanol (CAS 67-63-0)

#### US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

## International Inventories

| Country(s) or region        | Inventory name                                                         | On inventory (yes/no)* |
|-----------------------------|------------------------------------------------------------------------|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | Yes                    |
| Canada                      | Domestic Substances List (DSL)                                         | Yes                    |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                    |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes                    |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | No                     |
| Korea                       | Existing Chemicals List (ECL)                                          | Yes                    |
| New Zealand                 | New Zealand Inventory                                                  | Yes                    |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | Yes                    |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | Yes                    |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

**Issue date** 02-23-2015

**Version #** 01

**Disclaimer** Prepared by: ICC The Compliance Center Inc. 1-888-442-9628  
<http://www.thecompliancecenter.com>

### Disclaimer

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This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of ICC The Compliance Center Inc. and

### Revision Information

Composition / Information on Ingredients: Ingredients  
Physical & Chemical Properties: Multiple Properties  
Transport Information: Proper Shipping Name/Packing Group

### Bibliography

ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices (2014)  
Canadian Centre for Occupational Health and Safety, CCIInfoWeb Databases, 2014  
(Chempendium, RTECs, HSDB, INCHEM)  
European Chemicals Bureau, Existing Chemicals Work Area, EINECS Information System, 2014.  
Material Safety Data Sheet from manufacturer.  
OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2014.

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# SAFETY DATA SHEET

## 1. Identification

**Product identifier** Safetec® Burn Spray

**Other means of identification** Not available.

**Recommended use** Not available.

**Recommended restrictions** None known.

**Manufacturer/Importer/Supplier/Distributor information**

**Manufacturer**

**Manufacturer:** Safetec of America, Inc.  
887 Kensington Avenue  
Buffalo, NY 14215

**Company Telephone:** 1-716-895-1822

**E-mail Address:** www.safetec.com

**Emergency Telephone:** 1-800-255-3924

**Supplier** Refer to Manufacturer

## 2. Hazard(s) identification

**Physical hazards** This mixture does not meet the classification criteria according to OSHA HazCom 2012.

**Health hazards** This mixture does not meet the classification criteria according to OSHA HazCom 2012.

**Environmental hazards** This mixture does not meet the classification criteria according to OSHA HazCom 2012.

**OSHA defined hazards** This mixture does not meet the classification criteria according to OSHA HazCom 2012.

### Label elements

**Hazard symbol** None.

**Signal word** None.

**Hazard statement** The mixture does not meet the criteria for classification.

**Precautionary statement**

**Prevention** None required according to OSHA Hazcom 2012.

**Response** None required according to OSHA Hazcom 2012.

**Storage** None required according to OSHA Hazcom 2012.

**Disposal** None required according to OSHA Hazcom 2012.

**Hazard(s) not otherwise classified (HNOC)** None known.

**Supplemental information** None.

## 3. Composition/information on ingredients

### Mixtures

| Chemical name    | Common name and synonyms              | CAS number | % |
|------------------|---------------------------------------|------------|---|
| Propylene Glycol | Propane-1,2-diol<br>2-Hydroxypropanol | 57-55-6    | 3 |
| Lidocaine        |                                       | 6108-05-0  | 2 |

## 4. First-aid measures

**Inhalation** If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.

**Skin contact** Wash off with warm water and soap. Get medical attention if symptoms occur.

**Eye contact** Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention if symptoms persist.

**Ingestion** Seek medical advice.

**Most important symptoms/effects, acute and delayed**  
**Indication of immediate medical attention and special treatment needed**

Direct contact with eyes may cause temporary irritation.

Treat symptomatically.

## 5. Fire-fighting measures

**Suitable extinguishing media**

Water. Water Spray or Fog. Dry chemicals. Foam. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media**

Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical**

Thermal decomposition or combustion may liberate toxic gases or fumes.

**Special protective equipment and precautions for firefighters**

None known.

**Fire fighting equipment/instructions**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**General fire hazards**

No unusual fire or explosion hazards noted.

**Hazardous combustion products**

Carbon oxides. Nitrogen oxides (NO<sub>x</sub>). Halogenated compounds.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

Keep unnecessary personnel away. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.

**Methods and materials for containment and cleaning up**

Absorb spill with vermiculite or other inert material, then place in a sealed container for chemical waste.

Large Spills: Flush with plenty of water. Prevent entry into waterways, sewer, basements or confined areas. Dike for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

**Environmental precautions**

Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

**Precautions for safe handling**

When using, do not eat, drink or smoke. Wear appropriate personal protective equipment. Use only with adequate ventilation. Wash thoroughly after handling.

**Conditions for safe storage, including any incompatibilities**

Keep container tightly closed. Keep cool. Store away from incompatible materials.

## 8. Exposure controls/personal protection

**Occupational exposure limits**

### US. Workplace Environmental Exposure Level (WEEL) Guides

| Components                     | Type | Value                | Form     |
|--------------------------------|------|----------------------|----------|
| Propylene Glycol (CAS 57-55-6) | TWA  | 10 mg/m <sup>3</sup> | Aerosol. |

**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**Appropriate engineering controls**

Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**

Wear safety glasses with side shields (or goggles).

**Skin protection**

**Hand protection**

Chemical resistant gloves recommended.

**Other**

Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health or safety professional or manufacturer for specific information.

|                                       |                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Respiratory protection</b>         | If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Contact health and safety professional or manufacturer for specific information. |
| <b>Thermal hazards</b>                | Not available.                                                                                                                                                                                                                                                                                                                       |
| <b>General hygiene considerations</b> | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.                                                                                                                |

## 9. Physical and chemical properties

|                                                     |                 |
|-----------------------------------------------------|-----------------|
| <b>Appearance</b>                                   | Liquid.         |
| <b>Physical state</b>                               | Liquid.         |
| <b>Form</b>                                         | Liquid.         |
| <b>Color</b>                                        | Colorless.      |
| <b>Odor</b>                                         | Not available.  |
| <b>Odor threshold</b>                               | Not available.  |
| <b>pH</b>                                           | 6.5             |
| <b>Melting point/freezing point</b>                 | Not available.  |
| <b>Initial boiling point and boiling range</b>      | Not available.  |
| <b>Flash point</b>                                  | Not available.  |
| <b>Evaporation rate</b>                             | Not available.  |
| <b>Flammability (solid, gas)</b>                    | Not applicable. |
| <b>Upper/lower flammability or explosive limits</b> |                 |
| <b>Flammability limit - lower (%)</b>               | Not available.  |
| <b>Flammability limit - upper (%)</b>               | Not available.  |
| <b>Explosive limit - lower (%)</b>                  | Not available.  |
| <b>Explosive limit - upper (%)</b>                  | Not available.  |
| <b>Vapor pressure</b>                               | Not available.  |
| <b>Vapor density</b>                                | Not available.  |
| <b>Relative density</b>                             | Not available.  |
| <b>Solubility(ies)</b>                              |                 |
| <b>Solubility (water)</b>                           | Complete.       |
| <b>Partition coefficient (n-octanol/water)</b>      | Not available.  |
| <b>Auto-ignition temperature</b>                    | Not available.  |
| <b>Decomposition temperature</b>                    | Not available.  |
| <b>Viscosity</b>                                    | Not available.  |
| <b>Other information</b>                            |                 |
| <b>Specific gravity</b>                             | 0.99            |

## 10. Stability and reactivity

|                                           |                                                                                               |
|-------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| <b>Chemical stability</b>                 | Stable at normal conditions.                                                                  |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerization does not occur.                                                      |
| <b>Conditions to avoid</b>                | High temperatures.                                                                            |
| <b>Incompatible materials</b>             | Strong oxidizing agents. Acids.                                                               |
| <b>Hazardous decomposition products</b>   | Carbon oxides. Nitrogen oxides (NOx). Halogenated compounds.                                  |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | Under normal conditions of intended use, this material is not expected to be an inhalation hazard. |
| <b>Skin contact</b> | No adverse effects due to skin contact are expected.                                               |
| <b>Eye contact</b>  | Direct contact with eyes may cause temporary irritation.                                           |
| <b>Ingestion</b>    | No harmful effects expected in amounts likely to be ingested by accident.                          |

|                                                           |                                                          |
|-----------------------------------------------------------|----------------------------------------------------------|
| <b>Most important symptoms/effects, acute and delayed</b> | Direct contact with eyes may cause temporary irritation. |
|-----------------------------------------------------------|----------------------------------------------------------|

### Information on toxicological effects

|                       |                                  |
|-----------------------|----------------------------------|
| <b>Acute toxicity</b> | No adverse effects are expected. |
|-----------------------|----------------------------------|

| Components | Species | Test Results |
|------------|---------|--------------|
|------------|---------|--------------|

Lidocaine (CAS 6108-05-0)

#### Acute

Oral

|      |       |           |
|------|-------|-----------|
| LD50 | Mouse | 292 mg/kg |
|------|-------|-----------|

|                                  |                                                                 |
|----------------------------------|-----------------------------------------------------------------|
| <b>Skin corrosion/irritation</b> | This product is not classified as a skin corrosive or irritant. |
|----------------------------------|-----------------------------------------------------------------|

|                                          |                                                          |
|------------------------------------------|----------------------------------------------------------|
| <b>Serious eye damage/eye irritation</b> | Direct contact with eyes may cause temporary irritation. |
|------------------------------------------|----------------------------------------------------------|

### Respiratory or skin sensitization

|                                  |                                                                  |
|----------------------------------|------------------------------------------------------------------|
| <b>Respiratory sensitization</b> | This product is not expected to cause respiratory sensitization. |
|----------------------------------|------------------------------------------------------------------|

|                        |                                                           |
|------------------------|-----------------------------------------------------------|
| <b>Skin sensitizer</b> | This product is not expected to cause skin sensitization. |
|------------------------|-----------------------------------------------------------|

|                               |                                                                                                                  |
|-------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Germ cell mutagenicity</b> | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
|-------------------------------|------------------------------------------------------------------------------------------------------------------|

|                        |                                                                                 |
|------------------------|---------------------------------------------------------------------------------|
| <b>Carcinogenicity</b> | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. |
|------------------------|---------------------------------------------------------------------------------|

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

|                              |                                                             |
|------------------------------|-------------------------------------------------------------|
| <b>Reproductive toxicity</b> | This product is not expected to cause reproductive effects. |
|------------------------------|-------------------------------------------------------------|

|                                                         |                                                                      |
|---------------------------------------------------------|----------------------------------------------------------------------|
| <b>Specific target organ toxicity - single exposure</b> | Not classified as a specific target organ toxicity -single exposure. |
|---------------------------------------------------------|----------------------------------------------------------------------|

|                                                           |                                                                        |
|-----------------------------------------------------------|------------------------------------------------------------------------|
| <b>Specific target organ toxicity - repeated exposure</b> | Not classified as a specific target organ toxicity -repeated exposure. |
|-----------------------------------------------------------|------------------------------------------------------------------------|

|                            |                                          |
|----------------------------|------------------------------------------|
| <b>Aspiration toxicity</b> | Not expected to be an aspiration hazard. |
|----------------------------|------------------------------------------|

## 12. Ecological information

|                    |                                                  |
|--------------------|--------------------------------------------------|
| <b>Ecotoxicity</b> | Not expected to be harmful to aquatic organisms. |
|--------------------|--------------------------------------------------|

|                                      |                |
|--------------------------------------|----------------|
| <b>Persistence and degradability</b> | Not available. |
|--------------------------------------|----------------|

|                                  |                |
|----------------------------------|----------------|
| <b>Bioaccumulative potential</b> | Not available. |
|----------------------------------|----------------|

|                         |                |
|-------------------------|----------------|
| <b>Mobility in soil</b> | Not available. |
|-------------------------|----------------|

|                              |                                                                                                                                                                                         |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Other adverse effects</b> | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 13. Disposal considerations

|                              |                                                                                      |
|------------------------------|--------------------------------------------------------------------------------------|
| <b>Disposal instructions</b> | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. |
|------------------------------|--------------------------------------------------------------------------------------|

|                                   |                                                        |
|-----------------------------------|--------------------------------------------------------|
| <b>Local disposal regulations</b> | Dispose in accordance with all applicable regulations. |
|-----------------------------------|--------------------------------------------------------|

|                             |                                                                                                                |
|-----------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Hazardous waste code</b> | The waste code should be assigned in discussion between the user, the producer and the waste disposal company. |
|-----------------------------|----------------------------------------------------------------------------------------------------------------|

|                                              |                                                                                                                                                                                                                  |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Waste from residues / unused products</b> | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                               |                                                                                                                                                                                                            |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Contaminated packaging</b> | Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 14. Transport information

### DOT

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not available.

## 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

### SARA 304 Emergency release notification

Not regulated.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories** Immediate Hazard - Yes  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

### SARA 302 Extremely hazardous substance

Not listed.

**SARA 311/312 Hazardous chemical** Yes

### SARA 313 (TRI reporting)

Not regulated.

### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

### US state regulations

#### US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

#### US. Massachusetts RTK - Substance List

Not regulated.

#### US. New Jersey Worker and Community Right-to-Know Act

Propylene Glycol (CAS 57-55-6)

#### US. Pennsylvania Worker and Community Right-to-Know Law

Propylene Glycol (CAS 57-55-6)

#### US. Rhode Island RTK

Not regulated.

#### US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

## International Inventories

| Country(s) or region        | Inventory name                                                         | On inventory (yes/no)* |
|-----------------------------|------------------------------------------------------------------------|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | No                     |
| Canada                      | Domestic Substances List (DSL)                                         | No                     |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | No                     |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | No                     |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | No                     |
| Korea                       | Existing Chemicals List (ECL)                                          | No                     |
| New Zealand                 | New Zealand Inventory                                                  | Yes                    |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | No                     |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | No                     |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

**Issue date** 01-30-2015

**Version #** 01

**Disclaimer** Prepared by: ICC The Compliance Center Inc. 1-888-442-9628  
<http://www.thecompliancecenter.com>

### Disclaimer

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This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of ICC The Compliance Center Inc. and

### Bibliography

ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices (2014)  
Canadian Centre for Occupational Health and Safety, CCInfoWeb Databases, 2014  
(Chempendium, RTECs, HSDB, INCHEM)  
European Chemicals Bureau, Existing Chemicals Work Area, EINECS Information System, 2014.  
Material Safety Data Sheet from manufacturer.  
OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2014.

## SECTION 1: PRODUCT IDENTIFICATION

**PRODUCT:** BZK Prep Pads and Towelette

**Product Label Name:** BZK Prep Pads and Towelette

**Company Name and Address:** Dukal Corporation  
2 Fleetwood Court  
Ronkonkoma, NY 11779

**Emergency Telephone Number:** 631-656-3800

**Recommended use:** First Aid Antiseptic.

## SECTION 2: HAZARDOUS IDENTIFICATION

**Hazard Class/Category:** Eye Irritant – 2B  
Skin Irritant – 3

**Hazard Symbol:** No Symbol

**Signal Word:** Warning

**Hazard Statements:** Causes eye irritation (H320)  
Causes mild skin irritation (H316)

**Precautionary statements:**

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention. (P305+P351) (P337+P313)

**Skin:** If skin irritation occurs: Wash with plenty of soap and water. (P332+P352)

## SECTION 3: INFORMATION ON INGREDIENTS

| Ingredient list       | Cas #     | %         |
|-----------------------|-----------|-----------|
| Benzalkonium Chloride | 8001-54-5 | 0.50%     |
| Sodium bicarbonate    | 144-55-8  | 0.05%     |
| Purified Water        | 7732-18-5 | QS to 100 |

#### **SECTION 4: FIRST-AID MEASURES**

##### **First aid procedures**

###### **Inhalation:**

Not a normal route of exposure. May cause respiratory tract irritation.

###### **Ingestion**

Not a normal route of exposure. May cause stomach distress, nausea or vomiting.

###### **Target organs:**

Eyes. Skin.

###### **Chronic effects**

Prolonged or repeated exposure can cause drying, defatting and dermatitis.

###### **Signs and symptoms**

Symptoms may include redness, edema, drying, defatting and cracking of the skin.

###### **Overexposure:**

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

###### **Eye contact:**

Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.

###### **Skin contact:**

In case of skin irritation, wash with plenty of soap and water. Discontinue use of product.

###### **Inhalation:**

Not a normal route of exposure. If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

###### **Ingestion:**

Not a normal route of exposure. Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

###### **Note to Physician:**

Symptoms may be delayed.

###### **General Advice:**

If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Keep out of reach of children. Avoid contact with eyes.

### SECTION 5: FIRE-FIGHTING MEASURES

|                                                    |                                                                                                 |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <b>Flammable properties</b>                        | Not flammable by OSHA criteria                                                                  |
| <b>Suitable extinguishing media</b>                | Treat for surrounding material.                                                                 |
| <b>Specific hazards arising from the chemical:</b> | Not available                                                                                   |
| <b>Protective equipment for firefighters</b>       | Firefighters should wear full protective clothing including self-contained breathing apparatus. |
| <b>Hazardous combustion products</b>               | May include and are not limited to: Oxides of carbon. Hydrogen chloride.                        |

### SECTION 6: ACCIDENTAL RELEASE MEASURES

|                                |                                                                                                                                                                                                                                     |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions</b>    | Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak. |
| <b>Methods for containment</b> | Prevent entry into waterways, sewers, basements or confined areas.                                                                                                                                                                  |
| <b>Methods for cleaning up</b> | Pick up and discard towel.                                                                                                                                                                                                          |

### SECTION 7: HANDLING AND STORAGE

|                 |                                                                                              |
|-----------------|----------------------------------------------------------------------------------------------|
| <b>Handling</b> | Use good industrial hygiene practices in handling this material.                             |
| <b>Storage</b>  | Keep out of reach of children. Store in a closed container away from incompatible materials. |

### SECTION 8: EXPOSURE CONTROLS

|                                      |                                               |
|--------------------------------------|-----------------------------------------------|
| <b>Engineering controls</b>          | General ventilation normally adequate.        |
| <b>Personal protective equipment</b> |                                               |
| <b>Eye / face protection</b>         | Follow standard industrial hygiene practices. |

|                                       |                                                                                                        |
|---------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Hand protection</b>                | Not required.                                                                                          |
| <b>Skin and body protection</b>       | As required by employer code.                                                                          |
| <b>Respiratory protection</b>         | Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.                     |
| <b>General hygiene considerations</b> | Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. |

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|                                          |                           |
|------------------------------------------|---------------------------|
| <b>Appearance</b>                        | Liquid saturated on wipe  |
| <b>Color</b>                             | Clear liquid              |
| <b>Form</b>                              | Liquid saturated on wipe. |
| <b>Odor</b>                              | Characteristic            |
| <b>Odor threshold</b>                    | Not available             |
| <b>Physical state</b>                    | Solid                     |
| <b>pH</b>                                | Not available             |
| <b>Melting point</b>                     | Not available             |
| <b>Freezing point</b>                    | Not available             |
| <b>Boiling point</b>                     | 101.11 °C (214 °F)        |
| <b>Flash point</b>                       | Not available             |
| <b>Evaporation rate</b>                  | Not available             |
| <b>Flammability limits in air, lower</b> | Not available             |
| <b>Flammability limits in air, upper</b> | Not applicable            |
| <b>Vapor pressure</b>                    | Not available             |
| <b>Vapor density</b>                     | Not available             |
| <b>Specific gravity</b>                  | Not available             |
| <b>Octanol/water coefficient</b>         | Not available             |
| <b>Solubility (H<sub>2</sub>O)</b>       | Not available             |
| <b>Auto-ignition temperature</b>         | Not available             |
| <b>VOC (Weight %)</b>                    | Not available             |
| <b>Viscosity</b>                         | Not available             |
| <b>Percent volatile</b>                  | Not available             |

### SECTION 10: STABILITY AND REACTIVITY

|                                         |                                                                          |
|-----------------------------------------|--------------------------------------------------------------------------|
| <b>Chemical stability</b>               | Stable under recommended storage conditions.                             |
| <b>Conditions to avoid</b>              | Do not mix with other chemicals.                                         |
| <b>Incompatible materials</b>           | Caustics. Acids. Oxidizers.                                              |
| <b>Hazardous decomposition products</b> | May include and are not limited to: Oxides of carbon. Hydrogen chloride. |

OSHA Standard Format

**Possibility of hazardous reactions**

Hazardous polymerization does not occur.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **Effects of acute exposure**

|                             |                                                                                 |
|-----------------------------|---------------------------------------------------------------------------------|
| <b>Eye</b>                  | May cause irritation.                                                           |
| <b>Skin</b>                 | In case of skin irritation, discontinue use of the product.                     |
| <b>Inhalation</b>           | Not a normal route of exposure. May cause respiratory tract irritation.         |
| <b>Ingestion</b>            | Not a normal route of exposure. May cause stomach distress, nausea or vomiting. |
| <b>Sensitization</b>        | Non-hazardous by WHMIS/OSHA criteria.                                           |
| <b>Chronic effects</b>      | Non-hazardous by WHMIS/OSHA criteria.                                           |
| <b>Carcinogenicity</b>      | Non-hazardous by WHMIS/OSHA criteria.                                           |
| <b>Mutagenicity</b>         | Non-hazardous by WHMIS/OSHA criteria.                                           |
| <b>Reproductive effects</b> | Non-hazardous by WHMIS/OSHA criteria.                                           |
| <b>Teratogenicity</b>       | Non-hazardous by WHMIS/OSHA criteria.                                           |

## **SECTION 12: ECOLOGICAL INFORMATION**

None available

## **SECTION 13: DISPOSABLE INFORMATION**

|                                     |                                                                                                                                                                                                      |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Waste codes</b>                  | Not available                                                                                                                                                                                        |
| <b>Disposal instructions</b>        | Discard after single use. Review federal, state/provincial, and local government requirements prior to disposal.<br>Discard with solid waste. Dispose in accordance with all applicable regulations. |
| <b>Waste from residues / unused</b> | Not available                                                                                                                                                                                        |
| <b>Contaminated packaging</b>       | Not available                                                                                                                                                                                        |

## **SECTION 14: TRANSPORTATION INFORMATION**

|                                          |                                   |
|------------------------------------------|-----------------------------------|
| <b>U.S. Department of Transportation</b> | Not regulated as dangerous goods. |
| <b>Transportation of Dangerous Goods</b> | Not regulated as dangerous goods. |

## **SECTION 15: REGULATORY INFORMATION**

### **Occupational Safety and Health Administration (OSHA)**

29 CFR 1910.1200 hazardous No chemical



## SAFETY DATA SHEET

### SECTION 16: OTHER INFORMATION

**Issue Date:** 06-18-2014  
**Revision Date:** 06-13-2016

#### Disclaimer:

The information provided in this SDS is correct and is to the best of our knowledge, at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**PLANET**  
INTERNATIONAL

# Safety Data Sheet

SDS No. : SH-SDS-2018001

**Title:** Ice Pack Safety Data Sheet**Issuing Date** 04-Jul-2018**Revision Date** 04-Jul-2018**Revision Number** 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** ICE PACK  
**Recommended Use** Cold compress bag for body or product

**Supplier Address** PLANET (Suzhou) Medical Products Co.,Ltd

No.33 Qinglian Road Xuguan Industrial Park Suzhou Hi-Tec Development Zone  
Suzhou 215151 China

## 2. HAZARDS IDENTIFICATION

**Emergency Overview** May cause skin frostbite

**Appearance** Clear **Physical State** liquid

**Odor** No information available

**Potential Health Effects**

**Principle Routes of Exposure** Skin contact.

**Classification of the substance or mixture** Classification according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation.

**Information concerning particular hazards for human and environment:**

The product has not to be labelled due to the calculation procedure of Regulation 1272/2008/EC.

**Classification system:**

The classification is according to the latest edition of EU Regulation 1272/2008/EC, and extended by company and literature data.

**Label elements**

**Labelling according to Regulation (EC) No 1272/2008** Not applicable

**Acute Toxicity**

**Skin**

May Cause irritation

**Inhalation**

No known effect based on information supplied.

**Ingestion**

No hazard from product as supplied.

**Chronic Effects**

No known effect based on information supplied.

**Aggravated Medical  
Conditions**

None known.

**Environmental Hazard**

See Section 12 for additional Ecological Information.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name    | CAS-No    | Weight % |
|------------------|-----------|----------|
| Water            | 7732-18-5 | 50       |
| Ammonium Nitrate | 6484-52-2 | 50       |

**Title:** Ice Pack Safety Data Sheet**Issuing Date** 04-Jul-2018**Revision Date** 04-Jul-2018**Revision Number** 1**4. FIRST AID MEASURES**

|                           |                                                                                                       |
|---------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Eye Contact</b>        | Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician. |
| <b>Skin Contact</b>       | Remove contaminated clothing and rinse thoroughly with water                                          |
| <b>Inhalation</b>         | Move to fresh air. If symptoms persist, call a physician.                                             |
| <b>Ingestion</b>          | Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.                 |
| <b>Notes to Physician</b> | Treat symptomatically.                                                                                |

**5. FIRE-FIGHTING MEASURES**

|                                         |                                                                                                         |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Flammable Properties</b>             | Not flammable.                                                                                          |
| <b>Suitable Extinguishing Media</b>     | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| <b>Hazardous Combustion Products</b>    | Carbon oxides.                                                                                          |
| <b>Explosion Data</b>                   |                                                                                                         |
| <b>Sensitivity to Mechanical Impact</b> | No.                                                                                                     |
| <b>Sensitivity to Static Discharge</b>  | No.                                                                                                     |

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**NFPA****Health Hazard** 1**Flammability** 0**Stability** 0**Physical and  
Chemical Hazards** -



|                     |                                   |                        |             |
|---------------------|-----------------------------------|------------------------|-------------|
| <b>Title:</b>       | <b>Ice Pack Safety Data Sheet</b> |                        |             |
| <b>Issuing Date</b> | 04-Jul-2018                       | <b>Revision Date</b>   | 04-Jul-2018 |
|                     |                                   | <b>Revision Number</b> | 1           |

**6. ACCIDENTAL RELEASE MEASURES**

|                                                |                                                                                                                                                                                                         |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal Precautions</b>                    | Wear protective equipment.<br>Keep unprotected persons away.<br>Ensure adequate ventilation<br>Use respiratory protective device against the effects of fumes/dust/aerosol.<br>Avoid contact with eyes. |
| <b>Environmental Precautions</b>               | Refer to protective measures listed in Sections 7 and 8.                                                                                                                                                |
| <b>Methods for Containment and Cleaning Up</b> | Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).<br>Dispose contaminated material as waste according to item 13.                                        |
| <b>Reference to other sections</b>             | See Section 7 for information on safe handling.<br>See Section 8 for information on personal protection equipment<br>See Section 13 for disposal information.                                           |

**7. HANDLING AND STORAGE**

|                 |                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Handling</b> | Ensure good ventilation/exhaustion at the workplace.<br>Keep receptacles tightly sealed.<br>Keep away from heat and direct sunlight.<br>Prevent formation of aerosols.<br>Avoid contact with eyes.<br>For the general occupational hygienic measures refer to section 8.<br><b>Information about fire - and explosion protection:</b> Normal measures for preventive fire protection |
| <b>Storage</b>  | <b>Requirements to be met by storerooms and receptacles:</b> Store in a cool location<br>Store only in the original receptacle.<br><b>Information about storage in one common storage facility:</b> Store away from foodstuffs<br><b>Further information about storage conditions:</b> Store in cool, dry conditions in well sealed receptacles                                      |

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Based on composition shown in Section 3, the following measures are suggested for occupational safety measure.

**Engineering Measures**

See Section 7 for information about design of technical facilities.

**Personal Protective Equipment****Eye Protection**

Tightly sealed goggles

**Hands Protection**

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

**Respiratory Protection  
Hygiene Measures**

Respiratory protection: Suitable respiratory protective device recommended.  
Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|                                               |                            |                                 |                          |
|-----------------------------------------------|----------------------------|---------------------------------|--------------------------|
| <b>Appearance</b>                             | Clear                      | <b>Odor</b>                     | No                       |
| <b>Odor Threshold</b>                         | No                         | <b>Physical State</b>           | liquid                   |
| <b>pH</b>                                     | 4.5-6.0                    | <b>Autoignition Temperature</b> | No information available |
| <b>Flash Point</b>                            | 210°C                      | <b>Boiling Point/Range</b>      | 210°C                    |
| <b>Decomposition Temperature</b>              | No information available   | <b>Explosion Limits</b>         | No information available |
| <b>Melting Point/Range</b>                    | 169.6°C                    | <b>Solubility</b>               | No information available |
| <b>Flammability Limits in Air</b>             | No information available   | <b>Vapor Pressure</b>           | No data available        |
| <b>Water Solubility</b>                       | 190g (20°C) , 421g (60°C ) | <b>VOC Content (%)</b>          | Not applicable           |
| <b>Evaporation Rate</b>                       | No information available   |                                 |                          |
| <b>Vapor Density</b>                          | No data available          |                                 |                          |
| <b>Partition Coefficient: n-octanol/water</b> | No information available   |                                 |                          |



|                     |                                   |                        |             |
|---------------------|-----------------------------------|------------------------|-------------|
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|                     |                                   | <b>Revision Number</b> | 1           |

**10. STABILITY AND REACTIVITY**

|                                         |                                              |                |  |
|-----------------------------------------|----------------------------------------------|----------------|--|
| <b>Stability</b>                        | Stable under recommended storage conditions. |                |  |
| <b>Incompatible Products</b>            | No further relevant information available    |                |  |
| <b>Conditions to Avoid</b>              | No information available                     |                |  |
| <b>Hazardous Decomposition Products</b> | No information available                     | Carbon oxides. |  |
| <b>Hazardous Polymerization</b>         | No dangerous decomposition products known    |                |  |

**11. TOXICOLOGICAL INFORMATION****Acute Toxicity****Product Information**

|                                      |                         |
|--------------------------------------|-------------------------|
| <b>LD50 Oral VALUE</b>               | 4820mg/kg (Rat's mouth) |
| <b>LD50 Dermal VALUE</b>             |                         |
| <b>LC50 Inhalation (DUST) VALUE</b>  |                         |
| <b>LC50 Inhalation (VAPOR) VALUE</b> |                         |

**Chronic Toxicity**

|                             |                                                |
|-----------------------------|------------------------------------------------|
| <b>Chronic Toxicity</b>     | No known effect based on information supplied. |
| <b>Target Organ Effects</b> | None known.                                    |

**12. ECOLOGICAL INFORMATION**

|                                           |                                               |
|-------------------------------------------|-----------------------------------------------|
| <b>Aquatic toxicity</b>                   | No information available                      |
| <b>Mobility in soil</b>                   | No information available                      |
| <b>Aquatic toxicity</b>                   | No information available                      |
| <b>Persistence and degradability</b>      | No information available                      |
| <b>Bioaccumulative potential</b>          | No information available                      |
| <b>Results of PBT and vPvB assessment</b> | PBT: Not applicable.<br>vPvB: Not applicable. |

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This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging**

Dispose of in accordance with local regulations.

**14. TRANSPORT INFORMATION****DOT**

NOT REGULATED

**TDG**

Not regulated

**MEX**

Not regulated

**ICAO**

Not regulated

**IATA**

Not regulated

**IMDG/IMO**

Not regulated

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**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**MAK (German Maximum Workplace Concentration)**

None of the ingredients is listed.

**Directive 2012/18/EU**

**Named dangerous substances - ANNEX I** None of the ingredients is listed.

**National regulations:**

**Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

**Other regulations, limitations and prohibitive regulations****SVHC Candidate List of REACH Regulation Annex XIV Authorisation (17/12/2014)**

None of the ingredients is listed.

**REACH Regulation Annex XVII Restriction (2/3/2015)**

**See Section 16 for information about restriction of use.**

None of the ingredients is listed.

**REACH Regulation Annex XIV Authorization List (14/8/2014)**

None of the ingredients is listed.

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**16. OTHER INFORMATION****Prepared By**

**Issuing Date** 04-Jul-2018

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**Revision Note** No information available

**General Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**