# MATERIAL SAFETY DATA SHEET

<table>
<thead>
<tr>
<th>Identity:</th>
<th>Eye Wash / Wound Irrigation Sterile, Buffered, Isotonic, Saline (Blue Label)</th>
</tr>
</thead>
</table>

## Section 1

### Manufacturer:

**Aaxis Pacific**

Emergency Telephone

### Address:

Fax: +61 2 9838 8616

Date Prepared: 21/12/2004

Prepared by: Sher Soa

### Components (Chemical Names & Common Name)

<table>
<thead>
<tr>
<th>Hazardous Component 1% or greater, Carcinogens 0.1% or greater.</th>
<th>CAS No.</th>
<th>%</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>OTHER LIMITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Chloride</td>
<td>7647-14-5</td>
<td>1 – 0.1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potassium Dihydrogen Phosphate</td>
<td>7778-77-0</td>
<td>1 – 0.1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium Hydroxide</td>
<td>1310-73-2</td>
<td>1 – 0.1</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Section III Physical/Chemical Characteristics

<table>
<thead>
<tr>
<th>Physical State:</th>
<th>LIQUID</th>
<th>Specific Gravity (H₂O = 1)</th>
<th>≥ 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point:</td>
<td>100°C</td>
<td>Melting Point:</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapour Pressure (mm Hg);</td>
<td>N/A</td>
<td>Evaporation Rate (Water =1)</td>
<td>≥ 1</td>
</tr>
<tr>
<td>Vapour Density (Air =1)</td>
<td>Unknown</td>
<td>Water Reactive:</td>
<td>None</td>
</tr>
<tr>
<td>Solubility in Water;</td>
<td>Good</td>
<td>Percent Volatile:</td>
<td>N/A</td>
</tr>
<tr>
<td>Appearance and Odour:</td>
<td>Clear, Colourless Liquid, Odourless</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Section IV Fire and Explosion Data

<table>
<thead>
<tr>
<th>Flash Point</th>
<th>Non-Flammable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability Limits in Air % by Volume:</td>
<td>N/A</td>
</tr>
<tr>
<td>Extinguisher Media:</td>
<td>Carbon Dioxide, Water, Foam</td>
</tr>
<tr>
<td>Special Fire Fighting Procedure:</td>
<td>None</td>
</tr>
<tr>
<td>Unusual Fire and Explosion Hazards:</td>
<td>None</td>
</tr>
</tbody>
</table>

## Section V Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable;</th>
<th>No</th>
<th>Conditions to Avoid:</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stable:</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<p>| Incompatibility (Materials to Avoid): | N/A |
| Hazardous Decomposition Products: | N/A |</p>
<table>
<thead>
<tr>
<th>Hazardous Polymerization May Occur:</th>
<th>May Occur</th>
<th>No</th>
<th>Conditions to Avoid:</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>May Not Occur:</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Conditions to Avoid:</th>
<th>None</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Eye Contact:</th>
<th>PRODUCT IS INTENDED FOR USE IN OCULAR AREA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Contact:</td>
<td>PRODUCT HAS NO EFFECT</td>
</tr>
<tr>
<td>Inhalation:</td>
<td>PRODUCT HAS NO EFFECT</td>
</tr>
<tr>
<td>Ingestion:</td>
<td>MAY CAUSE STOMACH DISCOMFORT IF LARGE AMOUNT INGESTED</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Identity:</th>
<th>Eye Wash Sterile, Buffered, Isotonic, Saline (Blue Label)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Emergency First Aid Procedure</th>
<th>SEEK MEDICAL ASSISTANCE FOR FURTHER TREATMENT, OBSERVATION AND SUPPORT AS NECESSARY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Contact;</td>
<td>NONE REQUIRED</td>
</tr>
<tr>
<td>Skin Contact;</td>
<td>NONE REQUIRED</td>
</tr>
<tr>
<td>Inhalation;</td>
<td>NONE REQUIRED</td>
</tr>
<tr>
<td>Ingestion;</td>
<td>CALL A PHYSICIAN, IF STOMACH DISCOMFORT OCCURS.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Respiratory protection (Specify Type):</th>
<th>NONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protection Gloves:</td>
<td>NONE</td>
</tr>
<tr>
<td>Eye Protection</td>
<td>NONE</td>
</tr>
<tr>
<td>Ventilation to be Used:</td>
<td>Local Exhaust</td>
</tr>
<tr>
<td>Mechanical (General)</td>
<td>N/A</td>
</tr>
<tr>
<td>Special:</td>
<td>N/A</td>
</tr>
<tr>
<td>Other:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other protective Clothing and Equipment:</th>
<th>NOT REQUIRED</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Hygienic Work Practices:</th>
<th>KEEP CONTAINER CLOSED WHEN NOT IN USE. ALWAYS READ LABEL BEFORE USE.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Steps to be taken if Material is Spilled or Released:</th>
<th>MOP UP OR FLUSH DOWN SANITARY SEWER.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waste Disposal Methods:</td>
<td>IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATION</td>
</tr>
<tr>
<td>Precaution to be taken in handling and Storage:</td>
<td>KEEP AT ROOM TEMPERATURE (15-30°C)</td>
</tr>
<tr>
<td>Other Precaution and/or Special Hazards:</td>
<td>KEEP FROM FREEZING READ LABEL BEFORE USING.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS Rating:</th>
<th>Health:0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability:</td>
<td>0</td>
</tr>
<tr>
<td>Reactivity:</td>
<td>0</td>
</tr>
<tr>
<td>Personal Protection:</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NFPA Rating:</th>
<th>Health:0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability:</td>
<td>0</td>
</tr>
<tr>
<td>Reactivity:</td>
<td>0</td>
</tr>
<tr>
<td>Personal Protection:</td>
<td>0</td>
</tr>
</tbody>
</table>
MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA’s Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

HMIS HAZARD RATING

| HEALTH | 0 = INSIGNIFICANT | 3 = HIGH |
| FLAMMABILITY | 1 = SLIGHT | 4 = EXTREME |
| REACTIVITY | 2 = MODERATE |

SAFETECC OF AMERICA

PROPER SHIPPING NAME
Safetec Triple Antibiotic Ointment

HAZARD CLASS / PKG. GRP.
Not applicable

IDENTIFICATION NUMBER
Not applicable

LABEL
None Required

TRANSPORTATION INFORMATION

PROPER SHIPPING NAME
Safetec Triple Antibiotic Ointment

HAZARD CLASS / PKG. GRP.
Not applicable

IDENTIFICATION NUMBER
Not applicable

SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)
Medi-First Triple Antibiotic Ointment
MANUFACTURER’S NAME
Safetec of America, Inc.
ADDRESS (NUMBER, STREET, P.O. BOX)
887 Kensington Ave. @ William L. Gaiter Pkwy.
(CITY, STATE AND ZIP CODE)
Buffalo, NY 14215
EMERGENCY TELEPHONE NUMBER (24 Hours)
(800) 255-3924
TELEPHONE NUMBER FOR INFORMATION
(716) 895-1822
DATE PREPARED
March 13, 2009
SUPERSEDES
September 24, 2007

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS
(SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))

CAS # | % (wt.) | ACGIH TLV/TWA/STEL

PPM | MG/M³

This product is not known to contain a substance subject to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR 372 at or above minimal amounts.

SECTION 3 - HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Not likely due to the physical state of the product.
Remove to fresh air. Give artificial respiration if necessary.

EYES: Use only specified ophthalmic ointment in eyes. Topical ointment will cause eye irritation.
Flush eyes with copious amounts of water for at least 15 minutes.

INGESTION: May cause kidney, liver, and gastro-intestinal impairment; may induce dizziness, incoordination, sensory loss and deafness.
Induce vomiting. Do not give anything to an unconscious person.

SKIN: Non-toxic under standard application.
Wash with soap and water.

HEALTH HAZARDS (ACUTE AND CHRONIC): Acute: Allergy, kidney and liver impairment, dizziness, incoordination, sensory loss, deafness, nausea, vomiting and diarrhea.
Chronic: Repeated or prolonged exposure may cause allergic reactions in susceptible individuals.

CARCINOGENICITY
NTP? No
IARC MONOGRAPHS? No
OSHA REGULATED? No

No additional information

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Susceptible individuals may have an allergic reaction

Form Revised 6/01/2000
SECTION 4 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED) | FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component)
--- | ---
Not available | LEL: Not available UEL: Not available

EXTINGUISHING MEDIA
Use extinguishing media appropriate for the surrounding fire. Use alcohol foam, dry chemical or CO₂.

SPECIAL FIRE FIGHTING PROCEDURES
Wear full protective clothing.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS
May emit toxic fumes.

SECTION 5 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED
Assure slippery conditions are nullified. Add sand or dirt. Scoop up and remove. Wash area with soap and water. Dispose in accordance with federal, state, and local regulations.

WASTE DISPOSAL METHODS
Dispose of in accordance with Local, State, and Federal regulations. Products classified as non-hazardous may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260-299" for complete waste disposal regulations. Consult your Local, State, or Federal Environmental Protection Agency before disposing of any chemicals.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Keep containers closed when not in use. Do not handle or store near heat, flames or oxidizers.

SECTION 6 - EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION
Not required

VENTILATION
LOCAL EXHAUST: Recommended
MECHANICAL (GENERAL): Not required

PROTECTIVE GLOVES
Not required for normal use

EYE PROTECTION
Not required for normal use

OTHER PROTECTIVE CLOTHING OR EQUIPMENT
Eye wash stations should be nearby and ready for use.

WORK / HYGIENIC PRACTICES
Practice safe work habits. Use according to label instructions.

SECTION 7 - PHYSICAL / CHEMICAL PROPERTIES

BOILING POINT
343°C (650 °F)

SPECIFIC GRAVITY (WATER = 1)
Approx. 0.85

VAPOR PRESSURE (mm Hg)
No data

MELTING POINT
54°C (130 °F)

VAPOR DENSITY (AIR = 1)
No data

PH (1% solution in water)
No data

SOLUBILITY IN WATER
Insoluble

EVAPORATION RATE (IPA = 1)
No data

APPEARANCE AND ODOR
White to off-white ointment

% VOLATILES (BY VOLUME)
No data

SECTION 8 - STABILITY AND REACTIVITY

STABILITY
UNSTABLE: XXX
STABLE: XXX

CONDITIONS TO AVOID
Heat and oxidizing

INCOMPATIBILITIES (MATERIALS TO AVOID)
Extreme heat, sparks, open flame, oxidizers, strong acids and alkalies.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS
May give off fumes of carbon monoxide and carbon dioxide.

HAZARDOUS POLYMERIZATION
MAY OCCUR: XXX
WILL NOT OCCUR: XXX

CONDITIONS TO AVOID
Temperatures above 300°C,

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.
MATERIAL SAFETY DATA SHEET

SAFETEC OF AMERICA

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

HMIS HAZARD RATING

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>REACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>3</td>
<td>0</td>
</tr>
</tbody>
</table>

0 = INSIGNIFICANT  1 = SLIGHT  2 = MODERATE  3 = HIGH
4 = EXTREME

TRANSPORTATION INFORMATION

<table>
<thead>
<tr>
<th>PROPER SHIPPING NAME</th>
<th>HAZARD CLASS/PKG. GRP.</th>
<th>IDENTIFICATION NUMBER</th>
<th>IATA</th>
<th>UN3175</th>
<th>US DOT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solids containing flammable liquid, n.o.s. (Ethanol)</td>
<td>4.1 / II</td>
<td>UN3175</td>
<td>Special Provision A46</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)

Safetec Sting Relief - Towelette

MANUFACTURER'S NAME

Safetec of America, Inc.

ADDRESS (NUMBER, STREET, P.O. BOX)

887 Kensington Ave.

(CITY, STATE AND ZIP CODE)

Buffalo, NY 14215

EMERGENCY TELEPHONE NUMBER (24 Hours)

(800) 255-3924

TELEPHONE NUMBER FOR INFORMATION

(716) 895-1822

DATE PREPARED

September 1, 2010

SUPERSEDES

January 27, 2009

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

<table>
<thead>
<tr>
<th>HAZARDOUS COMPONENTS</th>
<th>CAS #</th>
<th>% (wt.)</th>
<th>OSHA PEL/STEL</th>
<th>ACGIH TLV/TWA/STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>(SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))</td>
<td>(OPTIONAL)</td>
<td>PPM</td>
<td>MG/M³</td>
<td>PPM</td>
</tr>
<tr>
<td>Ethyl Alcohol</td>
<td>64-17-5</td>
<td>1000 (PEL)</td>
<td>None Established</td>
<td>None Established</td>
</tr>
<tr>
<td>Lidocaine HCl</td>
<td>6108-05-0</td>
<td>2</td>
<td>None Established</td>
<td>None Established</td>
</tr>
<tr>
<td>Menthol</td>
<td>2216-51-5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This product is not known to contain a substance subject to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR 372 at or above minimal amounts.

SECTION 3 - HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE

SKIN: Prolonged or repeated skin contact may cause mild irritation.

If irritation occurs, flush with clear running water for a minimum of 15 minutes; if irritation persists, seek medical attention.

EYES: Brief contact may cause mild irritation; prolonged contact may cause moderate irritation associated with redness.

Flush eyes with clear running water for a minimum of 15 minutes while holding eyelids open; if irritation persists seek medical attention.

INHALATION: Brief (minutes) inhalation will not cause adverse effects; prolonged and constant inhalation may cause irritation to the upper respiratory tract.

If irritation occurs, remove to fresh air and provide oxygen if breathing is difficult; seek medical attention if required.

INGESTION: Small amounts swallowed incidental to normal handling are not likely to cause injury. Swallowing larger amounts may cause injury.

DO NOT induce vomiting; seek immediate medical attention.

EMERGENCY AND FIRST AID PROCEDURES

HEALTH HAZARDS (ACUTE AND CHRONIC):

Acute effects are possible irritation and discomfort; chronic effects are possible with the ingestion of large amounts to the nervous system. Do not use on abraded skin.

CARCINOGENICITY

NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No

No additional information

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Preexisting skin, eye or respiratory disorders may become aggravated through prolonged exposure.

MSDS PREPARED BY: Safetec of America, Inc., 887 Kensington Ave., Buffalo, NY 14215 (716) 895-1822

Form Revised 1/2006
SECTION 4 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED)  FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component)
15.7°C  LEL: 3.3  UEL: 19

EXTINGUISHING MEDIA
Dry chemicals, alcohol-type or all-purpose foam, CO₂

SPECIAL FIRE FIGHTING PROCEDURES
DO NOT enter confine fire space without full bunker gear (Helmet with face shield, bunker coats, gloves and rubber boots. Wear NIOSH/MSHA approved self contained breathing apparatus. Cool fire exposed containers with water. A water spray may be used to dispense vapors; re-ignition is possible.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS
Flammable liquid. Concentrated vapors may be flammable

SECTION 5 - PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED
Small spills may be flushed with large amounts of water; larger spills should be collected with approved absorbent for disposal.

WASTE DISPOSAL METHODS
Dispose of in accordance with Local, State, and Federal regulations. Products classified as non-hazardous may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260-299" for complete waste disposal regulations. Consult your Local, State, or Federal Environmental Protection Agency before disposing of any chemicals.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Keep container(s) tightly closed when not in use. Store in cool, dry area away from possible sources of ignition. Keep this and other chemicals out of reach of children.

SECTION 6 - EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION
Ordinary, none required

PROTECTIVE GLOVES
Ordinary, none required

OTHER PROTECTIVE CLOTHING OR EQUIPMENT
Ordinary, none required

SECTION 7 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT
173°F (Based on Ethyl Alcohol)

SPECIFIC GRAVITY (WATER = 1)
0.92

MELTING POINT
Not applicable

PH
Approximately 4.3

EVAPORATION RATE (IPA = 1)
Not determined

SECTION 8 - STABILITY AND REACTIVITY

STABILITY
UNSTABLE: XXX
STABLE: 

CONDITIONS TO AVOID
Extreme temperatures; sources of ignition

CONDITIONS TO AVOID 

HAZARDOUS DECOMPOSITION OR BYPRODUCTS
Decomposition will not occur if handled and stored properly. Thermal decomposition may produce carbon monoxide, small amounts of nitrogen oxides, halogenated compounds or propionaldehyde may also be formed.

HAZARDOUS POLYMERIZATION
MAY OCCUR: 
WILL NOT OCCUR: XXX

None known

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.
**SAFETEC OF AMERICA**

**SECTION 1 - PRODUCT / COMPANY IDENTIFICATION**

<table>
<thead>
<tr>
<th>Identity (As Used On Label And List)</th>
<th>Medifirst 1% Hydrocortisone Cream</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer’s Name</td>
<td>Safetec of America, Inc.</td>
</tr>
<tr>
<td>Address</td>
<td>887 Kensington Avenue @ William L. Gaiter Pkwy.</td>
</tr>
<tr>
<td>City, State and Zip Code</td>
<td>Buffalo, NY 14215</td>
</tr>
<tr>
<td>Emergency Telephone Number (24 Hours)</td>
<td>(800) 255-3924</td>
</tr>
<tr>
<td>Phone Number for Information</td>
<td>(716) 895-1822</td>
</tr>
<tr>
<td>Date Prepared</td>
<td>March 13, 2009</td>
</tr>
<tr>
<td>Supercedes</td>
<td>September 24, 2007</td>
</tr>
</tbody>
</table>

**SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION**

<table>
<thead>
<tr>
<th>HAZARDOUS COMPONENTS</th>
<th>CAS #</th>
<th>% (wt.)</th>
<th>ACGIH TLV/TWA/STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrocortisone</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

This product is not known to contain a substance subject to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR 372 at or above minimal amounts.

**SECTION 3 - HEALTH HAZARD DATA**

**Routes of Entry - Signs and Symptoms of Exposure**

<table>
<thead>
<tr>
<th>Inhalation: Unlikely Route of Exposure.</th>
<th>Emergency and First Aid Procedures</th>
</tr>
</thead>
<tbody>
<tr>
<td>EYES: May cause irritation, characterized by a burning sensation, redness, tearing, inflammation, dryness, and possible other effects.</td>
<td>Immediately flush eyes with clear running water for a minimum of 15 minutes while holding eyelids open; if irritation persists, get medical attention.</td>
</tr>
<tr>
<td>INGESTION: May cause irritation of the digestive tract.</td>
<td>Seek medical attention immediately.</td>
</tr>
<tr>
<td>SKIN: No adverse conditions expected.</td>
<td>If irritation occurs, wash contaminated skin with water; if irritation persists, seek medical attention.</td>
</tr>
</tbody>
</table>

**Health Hazards (Acute and Chronic):** Acute: No adverse effects expected. Chronic: Repeated or prolonged exposure beyond labeled directions may result in severe health problems due to overexposure to Hydrocortisone. Contact a physician if overexposure is suspected.

**Carcinogenicity**

<table>
<thead>
<tr>
<th>NTP?</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>IARC Monographs?</td>
<td>No</td>
</tr>
<tr>
<td>OSHA Regulated?</td>
<td>No</td>
</tr>
</tbody>
</table>

**Medical Conditions Generally Aggravated by Exposure:** Do not use this product while using other Hydrocortisone products, unless directed by a doctor.
### SECTION 4 - FIRE FIGHTING MEASURES

<table>
<thead>
<tr>
<th>FLASH POINT (METHOD USED)</th>
<th>FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable</td>
<td>LEL: Not applicable</td>
</tr>
<tr>
<td></td>
<td>UEL: Not applicable</td>
</tr>
</tbody>
</table>

**EXTINGUISHING MEDIA**

Use extinguishing media appropriate for the surrounding fire. Use water spray, foam or dry chemical.

**SPECIAL FIRE FIGHTING PROCEDURES**

Positive pressure NIOSH approved self-contained breathing apparatus (General Precaution).

**UNUSUAL FIRE AND EXPLOSIVE HAZARDS**

Carbon monoxide and carbon dioxide may be generated.

### SECTION 5 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

**STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED**

Spills should be collected with approved inert absorbent for disposal. Use suitable disposal containers.

**WASTE DISPOSAL METHODS**

Dispose of in accordance with Local, State, and Federal regulations. Products classified as non-hazardous may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260-299" for complete waste disposal regulations. Consult your Local, State, or Federal Environmental Protection Agency before disposing of any chemicals.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Keep this and other chemicals out of reach of children.

### SECTION 6 - EXPOSURE CONTROLS / PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>RESPIRATORY PROTECTION</th>
<th>VENTILATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ordinarily, none required</td>
<td>LOCAL EXHAUST: Recommended</td>
</tr>
<tr>
<td></td>
<td>MECHANICAL (GENERAL): Not required</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PROTECTIVE GLOVES</th>
<th>EYE PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ordinarily, none required</td>
<td>Not required for normal use</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OTHER PROTECTIVE CLOTHING OR EQUIPMENT</th>
<th>WORK / HYGIENIC PRACTICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye wash stations should be nearby and ready for use.</td>
<td>Practice safe work habits. Use according to label instructions.</td>
</tr>
</tbody>
</table>

### SECTION 7 - PHYSICAL / CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>BOILING POINT</th>
<th>SPECIFIC GRAVITY (WATER = 1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data</td>
<td>0.99</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VAPOR PRESSURE (mm Hg)</th>
<th>MELTING POINT</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data</td>
<td>No data</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VAPOR DENSITY (AIR = 1)</th>
<th>PH (1 % solution in water)</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data</td>
<td>No data</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOLUBILITY IN WATER</th>
<th>EVAPORATION RATE (IPA = 1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soluble</td>
<td>No data</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>APPEARANCE AND ODOR</th>
<th>% VOLATILES (BY VOLUME)</th>
</tr>
</thead>
<tbody>
<tr>
<td>White to Off-white Homogenous Cream</td>
<td>No data</td>
</tr>
</tbody>
</table>

### SECTION 8 - STABILITY AND REACTIVITY

**STABILITY**

UNSTABLE: XXX

STABLE: XXX

**CONDITIONS TO AVOID**

None known

**INCOMPATIBILITIES (MATERIALS TO AVOID)**

None known

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

Thermal decomposition may emit carbon and/or nitrogen oxides.

**HAZARDOUS POLYMERIZATION**

MAY OCCUR: None known

WILL NOT OCCUR: XXX

**CONDITIONS TO AVOID**

None known

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.
3M MATERIAL SAFETY DATA SHEET 3M(TM) Tempa-DOT(TM) Thermometers 5001, 5002, 5122, 5122NS, 5125, 5126, 5147, 5192, 5502, 5532, 5538, 5557 09/17/2004

Material Safety Data Sheet

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 3M(TM) Tempa-DOT(TM) Thermometers 5001, 5002, 5122, 5122NS, 5125, 5126, 5147, 5192, 5502, 5532, 5538, 5557
MANUFACTURER: 3M
DIVISION: Medical Division
ADDRESS: 3M Center
St. Paul, MN  55144-1000

EMERGENCY PHONE: 1-800-364-3577 or (651) 737-6501 (24 hours)

Issue Date: 09/17/2004
Supersedes Date: 06/05/2001

Document Group: 08-0208-2

Product Use:
Specific Use: Single use clinical thermometer.
General Use: Medical device.

SECTION 2: INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>C.A.S. No.</th>
<th>% by Wt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyethylene &amp; nylon web with polyurethane based adhesive</td>
<td>Unknown</td>
<td>70 - 90</td>
</tr>
<tr>
<td>Polyethylene, flat rectal sheath (Cat. # 5502 &amp; 5197 only)</td>
<td>Unknown</td>
<td>0 - 20</td>
</tr>
<tr>
<td>Transfer adhesive (Cat # 5001 &amp; 5002 only)</td>
<td>Unknown</td>
<td>0 - 19</td>
</tr>
<tr>
<td>Laminate pressure sensitive polyester film</td>
<td>Unknown</td>
<td>0 - 10</td>
</tr>
<tr>
<td>1-Bromo-2-Nitrobenzene</td>
<td>577-19-5</td>
<td>&lt; 0.1</td>
</tr>
<tr>
<td>o-Chloronitrobenzene</td>
<td>88-73-3</td>
<td>&lt; 0.1</td>
</tr>
</tbody>
</table>

SECTION 3: HAZARDS IDENTIFICATION

3.1 EMERGENCY OVERVIEW

Specific Physical Form: Crystals
Odor, Color, Grade: Thermometer with crystals in therm points, latex and film overwrap.
General Physical Form: Solid
Immediate health, physical, and environmental hazards:
3.2 POTENTIAL HEALTH EFFECTS

Eye Contact:
Contact with the eyes during product use is not expected to result in significant irritation.

Skin Contact:
Contact with the skin during product use is not expected to result in significant irritation.

Inhalation:
No health effects are expected.

SECTION 4: FIRST AID MEASURES

4.1 FIRST AID PROCEDURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact: Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

Skin Contact: Wash affected area with soap and water. If signs/symptoms develop, get medical attention.

Inhalation: No need for first aid is anticipated.

If Swallowed: No need for first aid is anticipated.

SECTION 5: FIRE FIGHTING MEASURES

5.1 FLAMMABLE PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Autoignition temperature</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Flammable Limits - LEL</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Flammable Limits - UEL</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

5.2 EXTINGUISHING MEDIA

Non-combustible. Choose material suitable for surrounding fire.

5.3 PROTECTION OF FIRE FIGHTERS

Special Fire Fighting Procedures: Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

Unusual Fire and Explosion Hazards: Not applicable.
Note: See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Collect as much of the spilled material as possible. Clean up residue with detergent and water. Collect the resulting residue containing solution. Place in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING
Please see package insert for additional precautionary warnings.

7.2 STORAGE
Store in a cool area <86°F (30°C).

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS
Not applicable.

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

8.2.1 Eye/Face Protection
Avoid eye contact.

8.2.2 Skin Protection
Not applicable.

8.2.3 Respiratory Protection
Not applicable.

8.2.4 Prevention of Swallowing
Not applicable.

8.3 EXPOSURE GUIDELINES
None Established

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
Specific Physical Form: Crystals
Odor, Color, Grade: Thermometer with crystals in therm points, latex and film overwrap.
General Physical Form: Solid
Autoignition temperature: Not Applicable
Flash Point: Not Applicable
Flammable Limits - LEL: Not Applicable
Flammable Limits - UEL: Not Applicable
Boiling point: Not Applicable
Density: Not Applicable
Vapor Density: Not Applicable
Vapor Pressure: Not Applicable
Specific Gravity: Not Applicable
pH: Not Applicable
Melting point: Not Applicable
Solubility In Water: Not Applicable
Solubility in Water: Nil
Evaporation rate: Not Applicable
Volatile Organic Compounds: Not Applicable
Percent volatile: Not Applicable
VOC Less H2O & Exempt Solvents: Not Applicable
Viscosity: Not Applicable

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Materials and Conditions to Avoid: None known

Hazardous Polymerization: Hazardous polymerization will not occur.

Hazardous Decomposition or By-Products

<table>
<thead>
<tr>
<th>Substance</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon monoxide</td>
<td>Not Specified</td>
</tr>
<tr>
<td>Carbon dioxide</td>
<td>Not Specified</td>
</tr>
</tbody>
</table>

SECTION 11: TOXICOLOGICAL INFORMATION

Please contact the address listed on the first page of the MSDS for Toxicological Information on this material and/or its components.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION
Not determined.

CHEMICAL FATE INFORMATION

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Incinerate in an industrial or commercial facility in the presence of a combustible material.

EPA Hazardous Waste Number (RCRA): Not regulated

Since regulations vary, consult applicable regulations or authorities before disposal.

SECTION 14: TRANSPORT INFORMATION

ID Number(s):

Please contact the emergency numbers listed on the first page of the MSDS for Transportation Information for this material.

SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS
Contact 3M for more information.

311/312 Hazard Categories:
Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No Immediate Hazard - No Delayed Hazard - No

STATE REGULATIONS
Contact 3M for more information.

CHEMICAL INVENTORIES
This material contains one or more substances not listed on the TSCA Inventory. Commercial use of this material is regulated by the FDA.

Contact 3M for more information.
INTERNATIONAL REGULATIONS
Contact 3M for more information.

This MSDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: OTHER INFORMATION

NFPA Hazard Classification

Health: 0  Flammability: 1  Reactivity: 0  Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

No revision information is available.

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