

**Material
Safety
Data
Sheet**



IDENTITY	Rapid Aid Instant Hot Pack
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Section I

Manufacturer's Name Rapid Aid Ltd.	Emergency Telephone Number 905-820-4788
Address 4120 A Sladeview Crescent Units 1-4	Telephone Number for Information 905-820-4788
Mississauga, Ontario	Date Prepared 29 January 2001
L5L 5Z3	Signature of Preparer <i>(optional)</i>

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% <i>(optional)</i>
Calcium Chloride		N/A	Oral _(LD50) 1000 mg/kg [rat]	
Sodium Chloride		N/A	Oral _(LD50) 3000 mg/kg [rat]	
Potassium Chloride		N/A	Oral _(LD50) 2600 mg/kg [rat]	

Section III - Physical/Chemical Characteristics

Boiling Point	347°F	Specific Gravity (H ₂ O = 1)	1.850
Vapor Pressure (mm Hg.)	Not applicable	Melting Point	345°F
Vapor Density (AIR = 1)	Not applicable	Evaporation Rate(Butyl Acetate = 1)	Not applicable
Solubility in Water: Complete			
Appearance and Odour : White, Odourless solid chemical with water bag			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) Non Flammable	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media Not Applicable			
Special Fire Fighting Procedures Not Applicable			
Unusual Fire and Explosion Hazards Not Applicable			

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	None
Incompatibility (<i>Materials to Avoid</i>) Chemical from damaged hot pack may be corrosive to some metals. Avoid contact with zinc, sodium and sulphuric acid.			
Hazardous Decomposition or Byproducts None			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	None

Section VI - Health Hazard Data

Route(s) of Entry:	Eye contact; Skin contact; Inhalation; Ingestion		
Health Hazards (<i>Acute and Chronic</i>)			
Dry chemical of hot pack is an eye irritant, Dry chemical of hot pack is a skin irritant, Dry chemical of hot pack are hazardous when ingested and inhaled. No health hazards when dry chemical and water are in solution.			
Carcinogenicity: N/A			
Signs and Symptoms of Exposure			
Eye contact with dry chemical result in stinging, tearing, redness and swelling of eyes. Skin contact with dry chemical may result in redness and burning of skin. Contact with damp skin can result in burns. Swallowing large amounts of dry chemical may be harmful. Inhalation of large amounts of dry chemical dust may be harmful.			
Medical Conditions Generally Aggravated by Exposure			
Not Available			

Emergency and First Aid Procedures (for dry chemical of the Hot Pack)

Eyes

If material gets into the eyes, immediately flush eyes gently with water for at least 15 minutes while holding eyelids apart.
Seek immediate medical attention.

Skin

Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged, seek immediate medical attention. If skin is not damaged and symptoms persist, seek medical attention. Launder clothing before reuse.

MATERIAL SAFETY DATA SHEET

Identity:	Eye Wash / Wound Irrigation Sterile, Buffered, Isotonic, Saline (Blue Label)
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Section 1

Manufacturer: Aaxis Pacific	FAX
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Emergency Telephone	
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Address by:	Fax: +61 2 9838 8616	Date Prepared:
1/30-32 Foundry Rd, Seven Hills. NSW 2147, Australia		21/12/2004
Telephone: +61 2 9838 9588		Sher Soa

Components (Chemical Names & Common Name) Hazardous Component 1% or greater, Carcinogens 0.1% or greater.	CAS No.	%	OSHA PEL	ACGIH TLV	OTHER LIMITS
Sodium Chloride	7647-14-5	1 – 0.1			
Potassium Dihydrogen Phosphate	7778-77-0	1 – 0.1			
Sodium Hydroxide	1310-73-2	1 – 0.1			

Physical State:	LIQUID	Specific Gravity (H2O = 1)			≥ 1
Boiling Point:	100°C	Melting Point:			N/A
Vapour Pressure (mm Hg);	N/A	Evaporation Rate (Water =1)			≥ 1
Vapour Density (Air =1)	Unknown	Water Reactive:			None
Solubility in Water;	Good	Percent Volatile:	N/A	pH:	7.0-7.4
Appearance and Odour:	Clear, Colourless Liquid, Odourless				

Flash Point		Non-Flammable			
Flammability Limits in Air % by Volume:		N/A			
Extinguisher Media:		Carbon Dioxide, Water, Foam			
Special Fire Fighting Procedure:		None	Auto Ignition Temperature		N/A
Unusual Fire and Explosion Hazards:	None	LEL:	N/A	UEL:	N/A

Stability	Unstable;	No	Conditions to Avoid:	None
	Stable:	Yes		
Incompability (Materials to Avoid):	N/A			
Hazardous Decomposition Products:	N/A			

Hazardous Polymerization May Occur:	May Occur	No	Conditions to Avoid:	None
	May Not Occur:	Yes		
Eye Contact:	PRODUCT IS INTENDED FOR USE IN OCULAR AREA			
Skin Contact	PRODUCT HAS NO EFFECT			
Inhalation:	PRODUCT HAS NO EFFECT			
Ingestion MAY CAUSE STOMACH DISCOMFORT IF LARGE AMOUNT INGESTED				

Identity:		Eye Wash Sterile, Buffered, Isotonic, Saline (Blue Label)							
Emergency First Aid Procedure		SEEK MEDICAL ASSISTANCE FOR FURTHER TREATMENT, OBSERVATION AND SUPPORT AS NECESSARY							
Eye Contact;		NONE REQUIRED							
Skin Contact;		NONE REQUIRED							
Inhalation;		NONE REQUIRED							
Ingestion;		CALL A PHYSICIAN, IF STOMACH DISCOMFORT OCCURS.							
Respiratory protection (Specify Type):		NONE							
Protection Gloves:		NONE			Eye Protection		NONE		
Ventilation to be Used:		Local Exhaust		N/A		Special:		N/A	
		Mechanical (General)		N/A		Other:		N/A	
Other protective Clothing and Equipment:		NOT REQUIRED							
Hygienic Work Practices:		KEEP CONTAINER CLOSED WHEN NOT IN USE. ALWAYS READ LABEL BEFORE USE.							
Steps to be taken if Material is Spilled or Released:				MOP UP OR FLUSH DOWN SANITARY SEWER.					
Waste Disposal Methods:				IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATION					
Precaution to be taken in handling and Storage:				KEEP AT ROOM TEMPERATURE (15-30°C)					
Othe Precaution and/or Special Hazards:				KEEP FROM FREEZING READ LABEL BEFORE USING.					
HMIS Rating: Health:0		Flammability:	0	Reactivity	0	Personal Protection	0		
NFPA Rating: Health:0		Flammability:	0	Reactivity	0	Personal Protection	0		

MATERIAL SAFETY DATA SHEET

SAFETEC OF AMERICA	HMIS HAZARD RATING			
	HEALTH	1	0 = INSIGNIFICANT	3 = HIGH
	FLAMMABILITY	1	1 = SLIGHT	4 = EXTREME
	REACTIVITY	0	2 = MODERATE	
TRANSPORTATION INFORMATION				
PROPER SHIPPING NAME		Safetec Triple Antibiotic Ointment		
HAZARD CLASS / PKG. GRP.		Not applicable	REF.	Not applicable
IDENTIFICATION NUMBER		Not applicable	LABEL	None Required Ground

SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)

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Medi-First Triple Antibiotic Ointment

MANUFACTURER'S NAME

Safetec of America, Inc.

EMERGENCY TELEPHONE NUMBER (24 Hours)

(800) 255-3924

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

887 Kensington Ave. @ William L. Gaiter Pkwy.

TELEPHONE NUMBER FOR INFORMATION

(716) 895-1822

(CITY, STATE AND ZIP CODE)

Buffalo, NY 14215

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.) (OPTIONAL)	ACGIH TLV/TWA/STEL	
			PPM	MG/M ³

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

MATERIAL SAFETY DATA SHEET

IDENTITY (AS USED ON LABEL AND LIST)

Textilease Medique's Triple Antibiotic Ointment

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Date: September 24, 2007

SECTION 4 - FIRE FIGHTING MEASURES

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

INSTANT COLD PACK WITH UREA

Chemwatch Material Safety Data Sheet (Conforms to 91/155/EEC - 2001/58/EC)
 Issue Date: 28-Jun-2007
 NA160TCP

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Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME

INSTANT COLD PACK WITH UREA

SUPPLIER

Company: SHANGHAI CHUANGSHI INDUSTRY CO., LTD.
 Address:
 4F, BLOCK 2, NO.27, LANE 258, CAOXIROAD, SHANGHAI,
 CHINA.

PRODUCT USE

SHJ0010837

SYNONYMS

Section 2 - COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS RN	INT HAZ	%
water	7732-18-5	None	50
EC NO: 231-791-2			
urea	57-13-6	None	50
EC NO: 200-315-5			

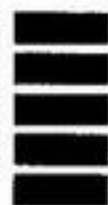
Section 3 - HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE

Not considered a dangerous substance according to directive 1999/45/EC and its amendments.

HAZARD RATINGS

Flammability
 Toxicity
 Body Contact
 Reactivity
 Chronic



SCALE: Min/Nil=0 Low=1 Moderate=2 High=3 Extreme=4

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS

SWALLOWED

Although ingestion is not thought to produce harmful effects (as classified under EC Directives), the material may still be damaging to the health of the individual,

continued...

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Section 3 - HAZARDS IDENTIFICATION

following ingestion, especially where pre-existing organ (e.g liver, kidney) damage is evident. Present definitions of harmful or toxic substances are generally based on doses producing mortality rather than those producing morbidity (disease, ill-health). Gastrointestinal tract discomfort may produce nausea and vomiting. In an occupational setting however, ingestion of insignificant quantities is not thought to be cause for concern.

EYE

Although the material is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).

SKIN

The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.

INHALED

The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

CHRONIC HEALTH EFFECTS

Section 4 - FIRST AID MEASURES

No data for this material.

Section 5 - FIRE FIGHTING MEASURES

No data for this material.

PERSONAL PROTECTION

Glasses:
Gloves:
Respirator:

Section 6 - ACCIDENTAL RELEASE MEASURES

EMERGENCY RESPONSE PLANNING GUIDELINES (ERPG)

The maximum airborne concentration below which it is believed that nearly all individuals could be exposed for up to one hour WITHOUT experiencing or developing

life-threatening health effects is:
water 500 mg/m
urea 500 mg/m

irreversible or other serious effects or symptoms which could impair an individual's ability to take protective action is:
water 500 mg/m
urea 15 mg/m

other than mild, transient adverse effects without perceiving a clearly defined odour is:

continued...

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Section 6 - ACCIDENTAL RELEASE MEASURES

water 500 mg/m
urea 2 mg/m

The threshold concentration below which most people will experience no appreciable risk of health effects:

water 500 mg/m
urea 0.6 mg/m

American Industrial Hygiene Association (AIHA)

Ingredients considered according to the following cutoffs

Very Toxic (T+)	>= 0.1%	Toxic (T)	>= 3.0%
R50	>= 0.25%	Corrosive (C)	>= 5.0%
R51	>= 2.5%		
else	>= 10%		

where percentage is percentage of ingredient found in the mixture

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS



+ + + + + +

+: May be stored together

O: May be stored together with specific preventions

X: Must not be stored together

Section 7 - HANDLING AND STORAGE

PROCEDURE FOR HANDLING

No data for this material.

No data for this material.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS

The following materials had no OELs on our records

- water: CAS:7732-18-5
- urea: CAS:57-13-6

MATERIAL DATA

Not available. Refer to individual constituents.

INGREDIENT DATA

UREA:

WATER:

No exposure limits set by NOHSC or ACGIH.

WATER:

UREA:

CEL TWA: 10 mg/m³ (compare WEEL-TWA)

continued...

INSTANT COLD PACK WITH UREA

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Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Even if individuals inhaled 10 mg/m³ of urea through the whole workday, they would only inhale 100 mg/day. This increment, even if totally absorbed, would be insignificant when compared to the 30 g/day normal excretion rate. The workplace environmental exposure limit (WEEL) established by the AIHA is protective against the effects of urea as a nuisance dust.

PERSONAL PROTECTION



OTHER

The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required. For further information consult site specific CHEMWATCH data (if available), or your Occupational Health and Safety Advisor.

ENGINEERING CONTROLS

No data for this material.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL PROPERTIES

Molecular Weight:

Melting Range (°C):

Solubility in water (g/L):

pH (1% solution):

Volatile Component (%vol):

Relative Vapour Density (air=1):

Lower Explosive Limit (%):

Autoignition Temp (°C):

State:

Boiling Range (°C):

Specific Gravity (water=1):

pH (as supplied):

Vapour Pressure (kPa):

Evaporation Rate:

Flash Point (°C):

Upper Explosive Limit (%):

Decomposition Temp (°C): Not available

Viscosity: Not available

APPEARANCE

Section 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION

CONDITIONS CONTRIBUTING TO INSTABILITY

No data for this material.

Section 11 - TOXICOLOGICAL INFORMATION

INSTANT COLD PACK WITH UREA

Not available.

Refer to individual constituents.

unless otherwise specified data extracted from RTECS - Register of Toxic Effects of Chemical Substances

continued...

INSTANT COLD PACK WITH UREA

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Section 11 - TOXICOLOGICAL INFORMATION

WATER:

No significant acute toxicological data identified in literature search.

UREA:

TOXICITY

Oral (rat) LD50: 8471 mg/kg

Intraperitoneal (rat) LD50: >5000 mg/kg

Subcutaneous (rat) LD50: 8200 mg/kg

Intratracheal (rat) LD50: 567 mg/kg

Oral (mouse) LD50: 11000 mg/kg

Subcutaneous (mouse) LD50: 9200 mg/kg

Intravenous (mouse) LD50: 4600 mg/kg

IRRITATION

Skin (human): 22 mg/3 d (I)- Mild

NOTE: Substance has been shown to be mutagenic in at least one assay, or belongs to a family of chemicals producing damage or change to cellular DNA.

Altered sleep time, change in motor activity, antipsychosis, dyspnea, methaemoglobinaemia, convulsions, lymphomas recorded.

Carcinogenic by RTECS criteria.

Section 12 - ECOLOGICAL INFORMATION

No data for INSTANT COLD PACK WITH UREA.

Refer to data for ingredients, which follows:

UREA:

Algae IC50 (72hr.) (mg/l): 10000

log Kow (Prager 1995): - 1.09

log Kow (Sangster 1997): - 2.11

log Pow (Verschuere 1983): 1.31415929

log Kow: -2.97- -2.26

Section 13 - DISPOSAL CONSIDERATIONS

According to the European Waste Catalogue, Waste Codes are not product specific but application specific. Waste Codes should be assigned by the User based on the application in which the product is used.

Section 14 - TRANSPORTATION INFORMATION

HAZCHEM: None

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS:ADR, IATA, IMDG

Section 15 - REGULATORY INFORMATION

RISK

None under normal operating conditions.

continued...

INSTANT COLD PACK WITH UREA

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Section 15 - REGULATORY INFORMATION

REGULATIONS

water (CAS: 7732-18-5) is found on the following regulatory lists;
OECD Representative List of High Production Volume (HPV) Chemicals

urea (CAS: 57-13-6) is found on the following regulatory lists;
IMO MARPOL 73/78 (Annex II) - List of Other Liquid Substances
OECD Representative List of High Production Volume (HPV) Chemicals

This safety data sheet is in compliance with the following
EU legislation and its adaptations – as far as
applicable - : 67/548/EEC, 1999/45/EC, 76/769/EEC,
98/24/EC, 92/85/EEC, 94/33/EC, 91/689/EEC, 1999/13/EC,
as well as the following British legislation:
- The Control of Substances Hazardous to Health
Regulations (COSHH) 2002
- COSHH Essentials
- The Management of Health and Safety at Work
Regulations 1999

Section 16 - OTHER INFORMATION

RISK

Explanation of Risk Codes used in the Ingredient Table

Risk Codes

Risk Phrases

REPRODUCTIVE HEALTH GUIDELINES

These exposure guidelines have been derived from a screening level of risk assessment and should not be construed as unequivocally safe limits. ORGS represent an 8-hour time-weighted average unless specified otherwise.

CR = Cancer Risk/10000; UF = Uncertainty factor:

TLV believed to be adequate to protect reproductive health:

LOD: Limit of detection

Toxic endpoints have also been identified as:

D = Developmental; R = Reproductive; TC = Transplacental carcinogen

Jankovic J., Drake F.: A Screening Method for Occupational Reproductive

American Industrial Hygiene Association Journal 57: 641-649 (1996).

EXPOSURE STANDARD FOR MIXTURES

"Worst Case" computer-aided prediction of spray/ mist or fume/ dust components and concentration:

Composite Exposure Standard for Mixture (TWA) :18.1818 mg/m³.

Operations which produce a spray/mist or fume/dust, introduce particulates to the breathing zone.

If the breathing zone concentration of ANY of the components listed below is exceeded, "Worst Case" considerations deem the individual to be overexposed.

Component	Breathing Zone ppm	Breathing Zone mg/m ³	Mixture Conc (%)
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Component	Breathing Zone (mg/m ³)	Mixture Conc (%)
urea	9.0909	50.0

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continued...

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Section 16 - OTHER INFORMATION

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**Material Safety Data Sheet
Medique Products**

Section 1: Product and Company Information

Manufactured by:

ProCore Laboratories
1025 South Belt Line Rd, #100
Coppell, TX 75019

Tel: (972) 393-9400
Fax: (972) 462-8406
Website: www.procorelabs.com

Manufactured for:

Medique Products
Fort Myers, FL 33967

Tel: (800) 634-7680
Fax: (800) 442-5540
Website: www.mediqueproducts.com

Product: **Sani-Safe II Foaming Hand Sanitizer**
Product Class: OTC

Section 2: Composition/Ingredient Information

Proprietary aqueous solution containing benzethonium chloride to be used as a hand sanitizer.

Section 3: Hazards Identification

Threshold Limit: Not Determined

Emergency and First Aid:

Eyes:	Will irritate eyes. Prolonged contact may damage cornea.
Ingestion:	Single dose oral toxicity is considered to be low. Ingestion may cause nausea, upset stomach, diarrhea and vomiting.
Skin:	Does not irritate skin under normal conditions. However, if irritation develops discontinue use.
Inhalation:	Unlikely to occur due to physical properties of product.
Carcinogenicity:	None known, not listed in NTP or IARC. Not OSHA regulated.
Chronic:	No chronic effects are known.

Section 4: First Aid

Eye:	Flush eyes with copious amounts of running water for at least 15 minutes. Seek medical attention.
Ingestion:	Seek medical attention if swallowed. Do not induce vomiting unless directed by medical personnel.
Skin:	Product is for skin contact. If irritation develops discontinue use. Wash area with soap and water. Seek medical attention if irritation continues.
Inhalation:	Remove to fresh air. If not breathing, perform CPR and seek medical attention.

Section 5: Fire Fighting Measures

Flashpoint:	None
Flammable Limits:	Not flammable.
General Hazard:	Slippery when spilled.
Fire Fighting Measures:	Avoid breathing fumes, smoke or vapor. Wear protective gear.
Extinguishing Media:	Foam, carbon dioxide or dry chemical
Hazardous Combustion Products:	None known
NFPA Rating:	
Health – 1	
Flammability – 0	
Reactivity – 0	

Material Safety Data Sheet
Medique Products

Section 6: Accidental Release and Disposal Measures

Spilled material is very slippery, use caution when cleaning. Wear protective clothing. Dike spill and contain. Keep spills and runoffs out of waterways. Cover with inert non-combustible absorbent material. Scoop and remove to approved disposal containers. Dispose of in accordance with local, state and federal regulations.

Section 7: Storage and Handling

Storage: It is recommended that this material be stored in a cool, well-ventilated area. Recommended temperature 20°C to 25 °C.

Handling: Use with adequate ventilation. Do not eat or swallow. Do not get into eyes.

Section 8: Exposure Controls and Personal Protection

Eyes: Wear protective eye goggles.

Respiratory: In well ventilated area, respiratory protection is not required. In poorly ventilated areas an NIOSH-approved respirator may be required.

Apparel: The use of chemical resistant gloves is recommended. Acceptable industrial hygiene practices should be maintained.

Ventilation: Provide adequate ventilation. Use an exhaust fan as necessary.

Section 9: Physical and Chemical Properties

Physical State: Water clear liquid

Boiling Point: Approx 100° C

Freezing Point: 0° C

Odor: Unfragranced

Specific Gravity: 0.98 – 1.02

pH: 4.35 – 4.85

Water Solubility: Miscible

Section 10: Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatible Materials: Avoid strong oxidizers

Conditions to Avoid: Do not freeze; avoid heat

Reactivity with Water: None

Section 11: Toxicological Information

Acute Toxicological Data: None known

Carcinogenicity: No data available

Neurotoxicity: No data available

Reproductive Effects: No data available

Epidemiology: May cause slight rash or irritation upon long term exposure

Section 12: Ecological Information

Ecotoxicity: No data available

Physical/Chemical: Product is stable under normal conditions.

No bioconcentration is expected because of the relatively high water miscibility.

Material Safety Data Sheet
Medique Products

Section 13: State, Federal and International Regulatory Requirements

US DOT:	This product is not a Hazardous Material according to the Hazardous Materials Transportation Act and DOT regulations in 49 CFR.
Proper Shipping Name:	See product description
Applicable Labeling Regulations:	21 CFR 201
TSCA:	Components of this product are listed on the TSCA inventory.
Sara Title III:	None known
California Prop 65:	As a reproductive hazard: None known
Massachusetts Right to Know:	None known
Michigan Critical Materials:	None known
New Jersey Right to Know:	None known
Pennsylvania Right to Know:	None known

MSDS Creation Date:	7/22/08
Updated Date:	11/11/08
Created By:	ProCore Laboratories

The information contained on this MSDS is based upon data considered to be true and accurate. No warranties, express or implied are made as to the accuracy, completeness or reliability of the information. The information is intended for use by persons with professional knowledge or the subject matter or with access to such persons. It is the user's responsibility to assume liability for loss, injury, damage or expense resulting from the improper use of this product.

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.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)
Matches, Safety, Book

Note: Blank spaces are not permitted. If any item is not applicable, or no
information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name	Emergency Telephone Number
D. D. BEAN & SONS Co.	800-535-5053
Address(Number, Street, City, State, and ZIP Code)	Telephone Number for Information
P. O. BOX 348	603-532-8311
JAFFREY, NH 03452	Date Prepared January 1, 2009
603-532-8311	Signature of Preparer (optional) JULIA BARTLETT

Section II - Hazardous Ingredients/Identity Information

		Other Limits	
Hazardous components(Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Recommen % (optional)
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Potassium Chlorate	3811-04-9	NE	<.01%
Sulfur	7704-34-9	NE	<.01%
Amorphous Red Phosphorus	7723-14-0	NE	<.01%

NE = None Established

Section III - Physical/Chemical Characteristics

Boiling Point	NA	Specific Gravity (H 0 -1) 1.3	NA
Vapor Pressure (mm Hg.)	NA	Melting Point	NA
Vapor Density (AR - 1)	NA	Evaporation Rate(Butyl Acetate-1)	NA

Solubility in Water

MATCH HEADS ARE SOLUBLE IN WATER

Appearance and Odor

NA

Section IV - Fire and Explosion Hazard Data

Flash Point(Method Used)	Flammable Limits	LEL	UEL
NA	IN EXCESS OF 375 F	--	--

Extinguishing Media

WATER

Special Fire Fighting Procedures

NA

Unusual Fire and Explosion Hazards

AUTO IGNITION AT TEMP IN EXCESS OF 375 'F OR
IF EXPOSED TO FLAME

(Reproduce locally)

OSHA 174, Sept. 1985

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>)			
None			
Hazardous Decomposition or Byproducts			
MATCHES - OXYGEN, OXIDES OF SULFUR			
STRIKER - OXIDES OF PHOSPHORUS			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry:		Inhalation?	YES	Skin?	NO	Ingestion?	NO
Health Hazards (<i>Acute and Chronic</i>)		NONE					
Carcinogenicity:		NTP?	NA	IARC Monographs?	NA	OSHA Regulated?	NO
Signs and Symptoms of Exposure		COUGHING FROM SMOKE					
Medical Conditions		RESPIRATORY AILMENTS MAY BE AGGRAVATED BY IGNITION FUMES					
Generally Aggravated by Exposure		TREAT BURNS ACCORDINGLY					
Emergency and First Aid Procedures		MOVE TO FRESH AIR					

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled		WET WITH WATER					
Waste Disposal Method		SATURATE WITH WATER AND DISPOSE AT LANDFILL OR INCINERATE					
		ACCORDING TO APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS					
Precautions to Be Taken in Handling & Storing		AVOID TEMPERATURES IN EXCESS OF 375 °F/STORE IN COOL, DRY PLACE					
		MATCHES, SAFETY, BOOK UN1944, DOT 49 SUBPARTS 173.186 (C)					
Other Precautions		KEEP MATCHES AWAY FROM CHILDREN, DISCARD IF WET					

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>)		NONE REQUIRED					
Ventilation	Local Exhaust	NONE			Special	STORE IN COOL DRY PLACE	
	Mechanical (<i>General</i>)	NA			Other	NA	
Protective Gloves		NA			Eye Protection	NA	
Other Protective Clothing or Equipment		NA			Work/Hygienic Practices	NA	

Section VIX - Transportation Measures

UN 1944, 4.1, III	<i>According to 49 CFR 173.186(C) Safety matches and wax "Vesta" matches must be tightly packed in securely closed inner packagings to prevent accidental ignition under conditions normally incident to transportation, and further packed in outer fiberboard, wooden, or other equivalent outer packagings. These matches in outer packages not exceeding 23 Kg (50 pounds) gross weight are not subject to any other requirement (except marking) of this subchapter. These matches may be packed in the same outer packaging with materials not subject to this subchapter.</i>
Matches, Safety, Book	
DOT 49 CFR 173.186(C) NO PLACARDS REQUIRED	

While the information and recommendations contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. It is the responsibility of the user to comply with all Federal, State and Local regulations.