

# MATERIAL SAFETY DATA SHEET

<p><b>May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.</b></p>	<p><b>HMIS HAZARD RATING</b></p>												
<p><b>SAFETEC OF AMERICA</b></p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">HEALTH</td> <td style="width: 33%;">1</td> <td style="width: 33%;">0 = INSIGNIFICANT</td> <td style="width: 33%;">3 = HIGH</td> </tr> <tr> <td>FLAMMABILITY</td> <td>1</td> <td>1 = SLIGHT</td> <td>4 = EXTREME</td> </tr> <tr> <td>REACTIVITY</td> <td>0</td> <td>2 = MODERATE</td> <td></td> </tr> </table>	HEALTH	1	0 = INSIGNIFICANT	3 = HIGH	FLAMMABILITY	1	1 = SLIGHT	4 = EXTREME	REACTIVITY	0	2 = MODERATE	
HEALTH	1	0 = INSIGNIFICANT	3 = HIGH										
FLAMMABILITY	1	1 = SLIGHT	4 = EXTREME										
REACTIVITY	0	2 = MODERATE											
	<p><b>TRANSPORTATION INFORMATION</b></p>												
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)		Page 1 of 2
<b>Textilease Medique's Triple Antibiotic Ointment</b>		
MANUFACTURER'S NAME	EMERGENCY TELEPHONE NUMBER (24 Hours)	
Safetec of America, Inc.	(800) 255-3924	
ADDRESS (NUMBER, STREET, P.O. BOX)	TELEPHONE NUMBER FOR INFORMATION	
887 Kensington Ave. @ William L. Gaiter Pkwy.	(716) 895-1822	
(CITY, STATE AND ZIP CODE)	DATE PREPARED	September 03, 2004
Buffalo, NY 14215	SUPERSEDES	June 25, 2003

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

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))	CAS #	% (wt.) (OPTIONAL)	ACGIH TLV/TWA/STEL	
			PPM	MG/M <sup>3</sup>

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
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**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 03, 2004

**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

EXTINGUISHING MEDIA

Use extinguishing media appropriate for the surrounding fire. Use alcohol foam, dry chemical or CO<sub>2</sub>.

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.



**RAPID AID INSTANT COLD PACK**

MSDS Revision Date (dd/mm/yyyy): 18/03/2009

**MATERIAL SAFETY DATA SHEET**

**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

**Product identifier** : **RAPID AID INSTANT COLD PACK**

**Product Use** : Provides relief for bruises and swelling, muscle spasm and pain, headaches and minor injuries.

**Chemical Family** : Inorganic ammonium salt.

**Supplier's name and address:**  
**Rapid Aid Ltd.**  
4120A Sladeview Crescent, Units 1 - 4  
Mississauga, ON, Canada  
L5L 5Z3

**Manufacturer's name and address:**  
Refer to Supplier

**Information Telephone No.** : (905) 820-4788

**24 Hr. Emergency Tel #** : (905) 820-4788

**SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Ingredients</u>	<u>CAS #</u>	<u>% (weight)</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
			<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Ammonium nitrate	6484-52-2	40.00 - 70.00	N/Av	N/Av	N/Av	N/Av

**SECTION 3 - HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

White, odourless solid chemical supplied with water bag.

This product may be considered a 'manufactured article' or 'medical device'. Harmful effects are not expected under normal usage.

Chemical from damaged, un-activated cold pack may have the following hazards:  
Danger. Strong oxidizer which will promote combustion. Contact with combustible material may cause fire.  
May explode in fire. This product reacts with acids evolving considerable heat.  
May be harmful if inhaled or swallowed.

May cause headache, nausea, dizziness and other symptoms of central nervous system depression.  
Can cause cyanosis. Contains material which may cause adverse blood system effects.

Chemical from damaged, activated cold pack may have the following hazards:  
Activation results in chemicals mixing inside the cold pack. The reaction that occurs is endothermic, causing the solution to become cold.  
Prolonged contact may cause numbness. Causes little or no irritation.

**\*\*\*POTENTIAL HEALTH EFFECTS\*\*\***

**Target organs** : Eyes, skin, digestive system, respiratory system, blood system.

**Routes of exposure** : *Inhalation:* YES *Skin Absorption:* NO *Skin & Eyes:* YES *Ingestion:* YES

**Signs and symptoms of short-term (acute) exposure**

*Inhalation* : Harmful effects are not expected under normal usage.

Chemical from damaged, un-activated cold pack may have the following hazards:  
Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough. Irritating or noxious gases may be released during thermal decomposition. Inhalation of high concentrations may cause unconsciousness and cyanosis (bluish discoloration of the skin).

*Skin* : Harmful effects are not expected under normal usage.

Chemical from damaged, un-activated cold pack may have the following hazards:  
May cause mild skin irritation. Skin contact may provoke the following symptoms: Red, puffy, itching skin.

Chemical from damaged, activated cold pack may have the following hazards:  
Prolonged contact may cause numbness. Causes little or no irritation.



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*Eyes* : Harmful effects are not expected under normal usage.

Chemical from damaged, un-activated cold pack may have the following hazards: Direct eye contact may cause slight redness.

Chemical from damaged, activated cold pack may have the following hazards:  
Contact with eyes may cause irritation. Symptoms include: Inflammation of eye tissue, characterized by redness, watering, and/or itching.

*Ingestion* : Harmful effects are not expected under normal usage.

Chemical from damaged cold pack may have the following hazards:  
May cause irritation of mouth, throat, and stomach. Symptoms may include nausea, vomiting, dizziness, drowsiness and other symptoms of central nervous system depression. Ingestion of large quantities of nitrates may affect oxygen transport in the blood and blood system, causing methemoglobinemia. Large doses can cause shock, convulsions, coma and eventual death.

**Effects of long-term (chronic) exposure**

: Harmful effects are not expected under normal usage.

Chemical from damaged cold pack may have the following hazards: Contains material which may cause adverse blood system effects.

**Conditions aggravated by overexposure**

: Pre-existing skin, eye and respiratory disorders.

**Carcinogenic status** : See TOXICOLOGICAL INFORMATION, Section 11.

**Additional health hazards** : None known or reported by the manufacturer. See TOXICOLOGICAL INFORMATION, Section 11.

**Potential environmental effects**

: See ECOLOGICAL INFORMATION, Section 12.

**SECTION 4 - FIRST AID MEASURES**

**Inhalation** : Harmful effects are not expected under normal usage.

Recommended first aid for exposure to chemical from damaged cold pack:  
Immediately remove person to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen by qualified medical personnel only. Get medical attention.

**Skin contact** : Harmful effects are not expected under normal usage.

Recommended first aid for exposure to chemical from damaged cold pack:  
For skin contact, flush with water for at least 15 minutes, while removing contaminated clothing. If irritation occurs or persists, seek medical attention.

**Eye contact** : Harmful effects are not expected under normal usage.

Recommended first aid for exposure to chemical from damaged cold pack:  
Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**Ingestion** : Harmful effects are not expected under normal usage.

Recommended first aid for exposure to chemical from damaged cold pack:  
Do not induce vomiting. Have victim rinse mouth with water, then give one to two glasses of water to drink. Never give anything by mouth to an unconscious person. Seek immediate medical attention/advice.

**Notes For Physician** : Treat symptomatically.

**SECTION 5 - FIRE FIGHTING MEASURES**



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**Fire hazards/conditions of flammability**

- : Explosive decomposition may occur under fire conditions. Heat of decomposition may cause closed containers to build up pressure and explode.
- Chemical from damaged, un-activated cold pack may have the following hazards:  
Strong oxidizer which will promote combustion. Contact with combustible material may cause fire. This product reacts with acids evolving considerable heat.

**Flammability classification (OSHA 29 CFR 1910.1200)**

- : Not flammable under normal conditions of handling.

**Flash point**

- : N/Ap

**Flash point Method**

- : N/Ap

**Auto-ignition temperature** : N/Av

**Lower flammable limit (% by vol.)**

- : N/Ap

**Upper flammable limit (% by vol.)**

- : N/Ap

**Oxidizing properties**

- : Chemical from damaged, un-activated cold pack may have the following hazards:  
Strong oxidizer which will promote combustion. Will accelerate combustion and increase the risk of fire and explosion in combustible or flammable materials.

**Flame Projection Length**

- : N/Ap

**Flashback observed**

- : N/Ap

**Explosion data: Sensitivity to mechanical impact / static discharge**

- : Explosive decomposition may occur under fire conditions. Heat of decomposition may cause closed containers to build up pressure and explode.

**Suitable extinguishing media**

- : Use water spray to fight fires. Use chemical extinguishing agents with caution. Some chemical extinguishing agents may accelerate decomposition.

**Special fire-fighting procedures/equipment**

- : Fight fires from a safe distance. Evacuate personnel to safe areas. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. A full-body chemical resistant suit should be worn. Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame.

**Hazardous combustion products**

- : Ammonia; nitrogen oxides (NOx).

**NFPA Rating**

0 - Minimal    1 - Slight    2 - Moderate    3 - Serious    4 - Severe  
: *Health: 1    Flammability: 0    Instability: 3    Special Hazards: OX*

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**Personal precautions**

- : Ensure clean-up is conducted by trained personnel only. Keep all other personnel upwind and away from the spill/release. Wear suitable protective equipment. For personal protection see section 8.

**Environmental precautions**

- : Ensure spilled product does not enter drains, sewers, waterways, or confined spaces.

**Spill response/cleanup**

- : Pick up loose items, and place in container for disposal.

Recommended clean-up procedure when un-activated cold packs are damaged: Ventilate area of release. Remove all sources of ignition. Remove combustible materials. Use only non-sparking tools and equipment in the clean-up process. Cover any spilled material with non-combustible absorbent material, such as vermiculite or sand, then place absorbent material into a container for later disposal (see Section 13). Use methods that do not generate dusts. Notify the appropriate authorities as required.

Recommended clean-up procedures when activated cold packs are damaged: Ventilate area of release. Remove all sources of ignition. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal (see Section 13). Notify the appropriate authorities as required.

**Prohibited materials**

- : Do not use combustible absorbents, such as sawdust.

**Special spill response procedures**

- : In case of a transportation accident, in the United States contact CHEMTREC at 1-800-424-9300 or International at 1-703-527-3887. If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8002).  
US CERCLA Reportable quantity (RQ): None reported.

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## SECTION 7 - HANDLING AND STORAGE

**Safe Handling procedures** : Use in a well-ventilated area. Protect from damage. Keep away from heat and flame. Keep away from combustible material.

Recommended handling procedures when un-activated cold pack is damaged:

Wear suitable protective equipment. Avoid breathing dust. Avoid and control operations which create high vapor or dust concentrations. Do not ingest. Avoid contact with skin, eyes and clothing. Never return contaminated material to its original container. Label containers appropriately. Wash thoroughly after handling.

Recommended handling procedures when activated cold pack is damaged: Wear suitable protective equipment. Avoid breathing vapour or mist. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

**Storage requirements** : Store in a cool, dry, well-ventilated area. Store away from incompatibles and out of direct sunlight. Inspect periodically for damage or leaks. No smoking in the area. Protect from damage.

**Incompatible materials** : Acids ; Reducing agents; Combustible materials; Organic materials; Reactive metals; Fuel; Halogenated compounds; Copper.

**Special packaging materials** : Always keep in containers made of the same materials as the supply container.

## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Ventilation and engineering measures

: Not a hazard under normal conditions of use.

Recommended protective measures when cold packs are damaged:

Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.

**Respiratory protection** : Not required under normal conditions of handling.

Recommended protective measures when cold packs are damaged:

Respiratory protection is required if the concentrations exceed the TLV. Advice should be sought from respiratory protection specialists.

**Skin protection** : None required when used as intended.

Recommended protective measures when cold packs are damaged:

Gloves impervious to the material are recommended. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

**Eye / face protection** : None required when used as intended.

Recommended protective measures when cold packs are damaged:

Chemical splash goggles are recommended.

**Other protective equipment** : None required under normal conditions.

Recommended protective measures when cold packs are damaged:

An eyewash station and safety shower should be made available in the immediate working area. Other equipment may be required depending on workplace standards.

### General hygiene considerations

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

Recommended protective measures when cold packs are damaged:

Avoid contact with skin, eyes and clothing. Avoid breathing vapors, fumes or dust. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Wear only clean, uncontaminated clothes when leaving place of work.



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**Permissible exposure levels** : For individual ingredient exposure levels, see Section 2.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state</b>	: Solid	<b>Appearance</b>	: White, odourless solid chemical supplied with water bag.
<b>Odour</b>	: odourless	<b>Odour threshold</b>	: N/Av
<b>pH</b>	: N/Av		
<b>Boiling point</b>	: 176.7°C (350°F) (Decomposition temperature)	<b>Specific gravity</b>	: 1.725
<b>Melting/Freezing point</b>	: N/Av	<b>Coefficient of water/oil distribution</b>	: N/Av
<b>Vapour pressure (mmHg @ 20° C / 68° F)</b>	: N/Av	<b>Solubility in water</b>	: Complete
<b>Vapour density (Air = 1)</b>	: N/Av	<b>Evaporation rate (n-Butyl acetate = 1)</b>	: N/Av
<b>Volatile organic Compounds (VOC's)</b>	: N/Av	<b>Volatiles (% by weight)</b>	: N/Av

**SECTION 10 - REACTIVITY AND STABILITY DATA**

<b>Stability and reactivity</b>	: Stable under the recommended storage and handling conditions prescribed. Unstable with heat or contamination.  Chemical from damaged, un-activated cold pack may have the following hazards: Strong oxidizer which will promote combustion. Contact with combustible material may cause fire.
<b>Hazardous polymerization</b>	: Not expected under prescribed storage and handling conditions. Decomposition may occur at extremely high temperatures.
<b>Conditions to avoid</b>	: Avoid heat and open flame. Ensure adequate ventilation, especially in confined areas. Avoid contact with incompatible materials. Keep out of direct sunlight. Keep away from combustible material.
<b>Materials To Avoid And Incompatibility</b>	: See Section 7 (Handling and Storage) for further details.
<b>Hazardous decomposition products</b>	: None known, refer to hazardous combustion products in Section 5.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**Toxicological data** : There is no available data for the product itself, only for the ingredients. Refer to Section 2 for individual ingredient LD50's and LC50's.

<u>Ingredients</u>	<u>LC<sub>50</sub>(4hr)</u> <u>inh, rat</u>	<u>LD<sub>50</sub></u>	
		<u>oral</u>	<u>dermal</u>
Ammonium nitrate	> 88,800 mg/m <sup>3</sup>	2217 mg/kg (rat)	N/Av

<b>Carcinogenic status</b>	: No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.
<b>Reproductive effects</b>	: Not expected to have other reproductive effects.
<b>Teratogenicity</b>	: Not expected to be a teratogen.
<b>Mutagenicity</b>	: Not expected to be mutagenic in humans.
<b>Epidemiology</b>	: No information available.
<b>Sensitization to material</b>	: Not expected to be a skin or respiratory sensitizer.
<b>Synergistic materials</b>	: N/Av
<b>Irritancy</b>	: Mild skin irritant. May cause eye irritation.
<b>other important hazards</b>	: None known or reported by the manufacturer.

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**SECTION 12 - ECOLOGICAL INFORMATION**

- Environmental effects** : The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.
- Important environmental characteristics** : No data is available on the product itself.
- Ecotoxicological** : No data is available on the product itself.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

- Handling for Disposal** : Handle waste according to recommendations in Section 7. Empty containers retain residue (liquid and/or vapour) and can be dangerous.
- Methods of Disposal** : Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.
- RCRA** : If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method.

**SECTION 14 - TRANSPORTATION INFORMATION**

Regulatory Information	UN Number	Shipping Name	Class	Packing Group	Label
TDG	UN1942	AMMONIUM NITRATE	5.1	III	
<b>TDG Additional information</b>	Within Canada only, this product may be shipped according to the 500 kg Gross Mass Exemption. Each means of containment must be marked with either the dangerous goods safety marks required by Part 4 or the proper shipping name. The dangerous goods must be accompanied by a proper shipping document. Refer to TDG Section 1.16 for detailed information on this exemption. If shipping by ground to destinations outside Canada, the limited quantity exemption may be used. Under the TDGR, refer to Section 1.17 for additional exemption information, if shipping under this exemption.				
49CFR/DOT	UN1942	Ammonium nitrate	Limited quantity	III	
<b>49CFR/DOT Additional information</b>	As supplied, this product can be shipped as a limited quantity in the United States. The UN number placed within the square-on-point border appearing here, or the proper shipping name, must appear on the package in accordance with 49 CFR Part 172.315.				
ICAO/IATA	UN1942	Ammonium nitrate	5.1	III	
<b>ICAO/IATA Additional information</b>	Refer to ICAO/IATA Packing Instruction : Y516, 516 or 518. Review all State and Operator Variations, prior to shipping this material.				

**SECTION 15 - REGULATORY INFORMATION**

**US Federal Information:**

TSCA: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.

OSHA: This material is not classified as hazardous under OSHA regulations (29 CFR Part 1910.1200). This product is considered an 'article' under 29 CFR Part 1910.1200.

CERCLA Reportable Quantity (RQ) (40 CFR 117.302): None reported.





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SARA TITLE III: Sec. 302, Extremely Hazardous Substances, 40 CFR 355: No Extremely Hazardous Substances are present in this material.

SARA TITLE III: Sec. 311 and 312, MSDS Requirements, 40 CFR 370 Hazard Classes: None. If outer containers are damaged and leaking: Reactive hazard; Immediate (Acute) health hazard; Chronic Health Hazard.

SARA TITLE III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372: This material is not subject to SARA notification requirements, since it does not contain any Toxic Chemical constituents above de minimus concentrations.

**US State Right to Know Laws:**

New Jersey Labeling Requirements: This product contains the following substances required to be disclosed on product labeling: Ammonium nitrate (CAS # 6484-52-2);Water (CAS # 7732-18-5).

California Proposition 65: To the best of our knowledge, this product does not contain any chemicals known to the State of California to cause cancer or reproductive harm.

Other U.S. State "Right to Know" Lists: The following chemicals are specifically listed by individual States: Ammonium nitrate (MA, PA, RI).

**International Information:**

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

Canadian WHMIS Classification: This product is not a WHMIS controlled product in Canada. This product may be considered a 'manufactured article' or 'medical device'. For informational purposes, this product would have the following WHMIS classification:

- Class C (Oxidizing Material);
- Class D2B (Materials Causing Other Toxic Effects, Toxic Material) .

***This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.***

**SECTION 16 - OTHER INFORMATION**

**HMIS Rating** : \* - Chronic hazard 0 - Minimal 1 - Slight 2 - Moderate 3 - Serious 4 - Severe  
*Health: 1 Flammability: 0 Reactivity: 3*

**Legend** : ACGIH: American Conference of Governmental Industrial Hygienists  
 CAS: Chemical Abstract Services  
 CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980  
 DOT: Department of Transportation  
 EPA: Environmental Protection Agency  
 HMIS: Hazardous Materials Identification System  
 HSDB: Hazardous Substances Data Bank  
 IARC: International Agency for Research on Cancer  
 Inh: Inhalation  
 LC: Lethal Concentration  
 LD: Lethal Dose  
 MA: Massachusetts  
 MSHA: Mine Safety and Health Administration  
 N/Ap: Not Applicable  
 N/Av: Not Available  
 NFPA: National Fire Protection Association  
 NIOSH: National Institute of Occupational Safety and Health  
 NTP: National Toxicology Program  
 OSHA: Occupational Safety and Health Administration  
 PA: Pennsylvania  
 PEL: Permissible exposure limit  
 RCRA: Resource Conservation and Recovery Act  
 RI: Rhode Island  
 RTECS: Registry of Toxic Effects of Chemical Substances  
 SARA: Superfund Amendments and Reauthorization Act



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STEL: Short Term Exposure Limit  
TDG: Canadian Transportation of Dangerous Goods Act & Regulations  
TLV: Threshold Limit Values  
TWA: Time Weighted Average  
TSCA: Toxic Substance Control Act  
WHMIS: Workplace Hazardous Materials Identification System

**References**

- : 1. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2008.
- 2. International Agency for Research on Cancer Monographs, searched 2009.
- 3. Canadian Centre for Occupational Health and Safety, CCIInfoWeb databases, 2009 (Chempendium and RTECs).
- 4. Material Safety Data Sheet from manufacturer.
- 5. US EPA Title III List of Lists October 2006 version.
- 6. California Proposition 65 List - December 19, 2008 version.

**Prepared for:**

Rapid Aid Ltd.  
4120A Sladeview Crescent, Units 1 - 4  
Mississauga, ON, Canada, L5L 5Z3  
Telephone: 905-820-4788  
Please direct all enquiries to Rapid Aid.

**Prepared by:**

ICC The Compliance Center Inc.  
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**MSDS Preparation Date (dd/mm/yyyy)**

: 04/06/2008

**MSDS Reviewed Date (dd/mm/yyyy)**

: 18/03/2009

**Revision No.**

: 2

**Revision Information**

: (M)SDS sections updated: 2. COMPOSITION/INFORMATION ON INGREDIENTS

**END OF DOCUMENT**

# 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.	<b>HMIS HAZARD RATING</b>
SAFETEC OF AMERICA	HEALTH <span style="margin-left: 100px;">2</span> <span style="margin-left: 100px;">0 = INSIGNIFICANT</span> <span style="margin-left: 100px;">3 = HIGH</span> FLAMMABILITY <span style="margin-left: 100px;">0</span> <span style="margin-left: 100px;">1 = SLIGHT</span> <span style="margin-left: 100px;">4 = EXTREME</span> REACTIVITY <span style="margin-left: 100px;">0</span> <span style="margin-left: 100px;">2 = MODERATE</span>
	<b>TRANSPORTATION INFORMATION</b>
	PROPER SHIPPING NAME <span style="margin-left: 20px;">First Aid Cream</span> HAZARD CLASS / PKG. CRP. <span style="margin-left: 20px;">Not applicable</span> <span style="margin-left: 100px;">REF. <span style="margin-left: 20px;">Not applicable</span></span> IDENTIFICATION NUMBER <span style="margin-left: 20px;">Not applicable</span> <span style="margin-left: 100px;">LABEL <span style="margin-left: 20px;">None Required Ground</span></span>

## SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)		Page 1 of 2
<b>Medique's Burn Cream</b>		
MANUFACTURER'S NAME	EMERGENCY TELEPHONE NUMBER (24 Hours)	
Safetec of America, Inc.	(800) 255-3924	
ADDRESS (NUMBER, STREET, P.O. BOX)	TELEPHONE NUMBER FOR INFORMATION	
1055 East Delavan Avenue	(716) 895-1822	
(CITY, STATE AND ZIP CODE)	DATE PREPARED	August 18, 2004
Buffalo, NY 14215	SUPERSEDES	NA

## SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))	CAS #	% (wt.) (OPTIONAL)	ACGIH TLV/TWA/STEL	
			PPM	MG/M <sup>3</sup>
Lidocaine HCl	50-03-3	0.5	None Established	None Established

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: Unlikely route of exposure.	None expected.
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.
SKIN: Prolonged or repeated skin contact may cause mild irritation.	Flush with clear running water for a minimum of 15 minutes; if irritation persists, seek medical attention.
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.

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
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No additional information

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin or eye disorders may become aggravated through prolonged exposure.

**MATERIAL SAFETY DATA SHEET**

IDENTITY (AS USED ON LABEL AND LIST)

**Medique's Burn Cream**

Page 2 of 2

Date: August 18, 2004

**SECTION 4 - FIRE FIGHTING MEASURES**

FLASH POINT (METHOD USED)

Not applicable

FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component)

LEL: Not applicable

UEL: Not applicable

EXTINGUISHING MEDIA

Water, water spray, dry chemicals, chemical foam, CO<sub>2</sub>**SPECIAL FIRE FIGHTING PROCEDURES**

DO NOT enter confined 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.

**UNUSUAL FIRE AND EXPLOSIVE HAZARDS**

None Known

**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****RESPIRATORY PROTECTION**

Ordinarily, none required

**VENTILATION**

LOCAL EXHAUST: Not required

MECHANICAL (GENERAL): No

**PROTECTIVE GLOVES**

Ordinarily, none required

**EYE PROTECTION**

Not required for normal use

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

Ordinarily, none required

**WORK / HYGIENIC PRACTICES**

Practice safe work habits. Use according to label instructions.

**SECTION 7 - PHYSICAL / CHEMICAL PROPERTIES****BOILING POINT**

No data

**SPECIFIC GRAVITY (WATER=1)**

0.99

**VAPOR PRESSURE (mm Hg)**

No data

**MELTING POINT**

No data

**VAPOR DENSITY (AIR=1)**

No data

**PH (1% solution in water)**

No data

**SOLUBILITY IN WATER**

Soluble

**EVAPORATION RATE (IPA=1)**

No data

**APPEARANCE AND ODOR**

White to Off-white Homogenous Cream

**% VOLATILES (BY VOLUME)**

No data

**SECTION 8 - STABILITY AND REACTIVITY****STABILITY**

UNSTABLE:

STABLE: XXX

**CONDITIONS TO AVOID**

Extreme temperatures

**INCOMPATIBILITIES (MATERIALS TO AVOID)**

Strong oxidizing agents

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

Decomposition will not occur if handled / 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

**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 vendor 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.

**Product Index | MSDS Index**

**MATERIAL SAFETY DATA SHEET FOR BZK ANTISEPTIC TOWELETTE**

Textilease Medique

900 Lively Blvd

Wood Dale, IL 60191

Phone# 1-800-634-7680

**REVISION DATE: 7/00**

**I-PRODUCT IDENTIFICATION**

PRODUCT/TRADE NAME: BZK ANTISEPTIC TOWELETTE D35100,

D35185, D35187, K45881

HAZARD RATING (NFPA)

HEALTH: 0

FLAMMABILITY: 0

REACTIVITY: 0

SPECIFIC: NONE

EMERGENCY OR INFORMATION TELEPHONE NO: 845-365-1700 (M-F DAYTIME) AT OTHER TIMES, CONTACT THE LOCAL POISON CONTROL CENTER

CHEMICAL NAME: MIXTURE

**II-HAZARDOUS INGREDIENTS**

PER 29 CFR 1910.1200

Hazardous Ingredients	% ACGIH TLV	CAS NUMBER
NONE. NO COMPONENTS OVER 1% OF FORMULATION		

**III-PHYSICAL/CHEMICAL CHARACTERISTICS**

COLOR/ODOR/APPEARANCE: TOWELETTE SATURATED WITH CLEAR COLORLESS LIQUID.

BOILING POINT: N/A

FLASH POINT: NOT APPLICABLE

VAPOR DENSITY: N/A

EVAPORATION RATE: N/A

SOLUBILITY IN WATER: COMPLETE

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 1.0

**IV-FIRE & EXPLOSION HAZARD DATA**

FLASH POINT(Method Used): NOT APPLICABLE : LEL:N/A UEL:N/A

EXTINGUISHING MEDIA: ANY

SPECIAL FIRE FIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

**V-REACTIVITY DATA**

STABILITY: STABLE

CONDITIONS TO AVOID: N/A

INCOMPATIBILITY: ANIONIC SURFACTANTS/SOAPS  
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NONE  
POLYMERIZATION: WILL NOT OCCUR  
CONDITIONS TO AVOID: NONE

**VI-HEALTH HAZARD DATA**

EFFECTS OF OVER EXPOSURE:  
SKIN: NONE  
EYES: MAY CAUSE DISCOMFORT  
INHALATION: NONE  
INGESTION: NONE

**EMERGENCY AND FIRST AID PROCEDURES:**

SKIN CONTACT: DISCONTINUE USE IF RASH OR IRRITATION  
OCCURS  
EYE CONTACT: FLUSH WITH COLD WATER IF SPLASHED IN EYES  
INHALATION: NONE  
INGESTION: NONE  
TARGET ORGANS: NONE

**VII-SPILL AND DISPOSAL PROCEDURE**

SPILL CONTROL: RINSE INTO SEWER SYSTEM  
WASTE DISPOSAL METHOD: FOLLOW LOCAL STATE AND FEDERAL  
REGULATIONS.  
HANDLING AND STORAGE: NONE

**VIII-CONTROL MEASURES/PROTECTION**

RESPIRATION: NONE.  
VENTILATION: NONE.  
PROTECTIVE GLOVES: NONE  
EYE PROTECTION: IF SPLASH POTENTIAL EXISTS  
HYGIENIC PRACTICES: GOOD HOUSEKEEPING PRACTICES SHOULD  
BE FOLLOWED.  
OTHER: NONE

**IX-TRANSPORT/SHIPPING**

DOT SHIPPING NAME:  
TECHNICAL SHIPPING NAME:  
DOT SHIPPING CLASSIFICATION: DOT Not Regulated  
DOT ID NO.:  
DOT; LABEL; REQUIREMENTS:  
UN/NA NUMBER REGULATIONS:  
REPORTABLE QUANTITY:

**X-DISCLAIMER**

THE INFORMATION FURNISHED HEREIN IS BELIEVED TO BE  
ACCURATE AND REPRESENTS THE BEST DATA CURRENTLY  
AVAILABLE TO US. NO WARRANTY, EXPRESSED OR IMPLIED IS  
MADE AND NICE-PAK PRODUCTS, INC. ASSUMES NO LEGAL  
RESPONSIBILITY OR LIABILITY RESULTING FROM ITS USE.



## Material Safety Data Sheet

Date Prepared: 01/31/2008  
Prepared By: RC Park  
Technical Assistance: 607-562-2700

X-GEN Pharmaceuticals  
PO Box 445  
Big Flats, NY 14814

### AMMONIA INHALANT SOLUTION

#### IDENTIFICATION

**Manufacturer's Name:** James Alexander Corporation **Phone:** (908)362-9266

**Common Name:** Ammonia Inhalant Solution

**Chemical Name:** N/A

**Synonym:** N/A

**D.O.T. Shipping Name:** Air shipments: Flammable Liquid Corrosive NOS, 3- UN 2924,  
PGII (Ammonia, ethanol)

**Ground shipments:** Consumer Commodity- ORM-D

**NFPA Ratings:** Health - 3 Flammability - 3 Instability - 1

#### INGREDIENT INFORMATION

Component	CAS No.	%	-----OSHA-----		-----ACGIH-----	
			PEL/TWA	TLV/TWA	TLV/STEL	
Ammonia	7664-41-7	15	50 ppm	25 ppm	35 ppm	
Ethyl Alcohol	64-17-5	35	1000 ppm	1000 ppm	Not listed	

#### HEALTH HAZARD INFORMATION

**Primary routes of exposure:** Inhalation, eye contact, skin contact, ingestion.

**Signs and symptoms of overexposure:**

**Inhalation:** Irritation or burns of the respiratory system, headache, coughing, lung congestion or inflammation, pulmonary edema, breathing difficulty. Headache, dizziness, drowsiness, loss of appetite and an inability to concentrate.

**Eye contact:** Severe irritation or burns, may lead to blindness.

**Skin contact:** Local irritation, dry skin, burns.

**Ingestion:** Burning pain in mouth, throat, constriction of throat, coughing, followed by nausea, vomiting or diarrhea. Ingestion may prove fatal.

n/f = not found

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## AMMONIA INHALANT SOLUTION

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### HEALTH HAZARD INFO CONTINUED

**Medical Conditions Aggravated by Exposure:** Individuals with pre-existing nervous system disorders, skin disorders, eye problems, or impaired respiratory function may be more susceptible to the effects of overexposure.

### FIRST AID MEASURES

**For Inhalation:** Remove subject immediately to fresh air. Give artificial respiration if victim is not breathing. If breathing is difficult, give oxygen. Get immediate medical attention.

**For Eye Contact:** Immediately flush eyes with copious amounts of water for at least 15 minutes. Eyelids should be held apart and away from eyeball for thorough rinsing. Do not permit victim to rub eyes. Get immediate medical attention.

**For Skin Contact:** Immediately flush skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes. Do not rub or apply ointment to affected area. Obtain medical attention if irritation persists. Wash clothing before re-use.

**For Ingestion:** Contact a Poison Control Center *immediately*. Do NOT induce vomiting. If conscious, have victim swallow large amounts of water. Do not give anything by mouth to an unconscious or convulsing person. Get *immediate* medical attention.

### TOXICOLOGICAL INFORMATION

None of the components present in this formulation are currently classified as carcinogens in the NTP Annual Report on Carcinogens, IARC Monographs or by OSHA.

### FIREFIGHTING MEASURES

**Flash Point:** Less than 50 degrees F      **Test Method:** Pensky Martens Closed Cup

**Autoignition temp:** Ammonia 1204 degrees F (651°C); Ethyl Alcohol: 685° F (363° C)

**Flammable limits in air % by volume:** Lower (Unknown) Upper (Unknown)

**Extinguishing media:** "Alcohol resistant" foam, CO<sub>2</sub> or dry chemical.



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## AMMONIA INHALANT SOLUTION

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### FIREFIGHTING MEASURES CONTINUED

**Special fire fighting procedures:**

**NOTE:** *Individuals should perform only those fire-fighting procedures for which they have been trained.*

Remove all sources of ignition. Move exposed containers from fire area if it can be done without risk. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. Spray extinguishing media directly into base of flames. Water may be used to keep fire-exposed containers cool.

**Unusual fire and explosion hazard:** When heated, mixture will give off ammonia gas, a strong irritant to eyes, respiratory tract, and mucous membranes. Other toxic gases produced are oxides of nitrogen, carbon monoxide, carbon dioxide and hydrogen. Closed containers exposed to heat may develop pressure and explode. Alcohol vapors are heavier than air and may travel a considerable distance to a source of ignition and flash back. Alcohols burn with a pale blue flame which may be extremely hard to see under normal lighting conditions. Personnel may be able to feel the heat of the fire without seeing flames. Extreme caution must be exercised in fighting alcohol fires.

### PHYSICAL HAZARDS

Stable at room temperature. Hazardous polymerization will not occur. However, product will react exothermically with acids. Releases ammonia vapor when heated. Ammonia component will decompose to hydrogen and oxides of nitrogen when heated. Carbon monoxide gas may also be produced when heated.

**Conditions to Avoid:** Sunlight, heat (heating above ambient temperatures causes the vapor pressure of the solution to increase). Avoid mixing with acids, most common metals, strong oxidizing agents, brass, zinc, chlorine, aluminum, copper, bronze, mercury, dimethyl sulfate and acetyl chloride.

### HANDLING / SPILL / DISPOSAL MEASURES

For large spills, stop leak if you can do so without risk. Extinguish all sources of ignition. Wear self-contained breathing apparatus, chemical safety goggles and full protective clothing. Ventilate area. Spilled liquids should be contained and not washed into sewers or ground water. Contain by diking with non-combustible absorbent materials and place residue in DOT approved waste container. Comply with all applicable local, state and federal regulations on spill reporting, handling and disposal of waste.

**Other Precautions:** Containers, even those that have been emptied, will retain product residue and vapors. Handle empty containers as if they were full.

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## AMMONIA INHALANT SOLUTION

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### EXPOSURE CONTROLS / PERSONAL PROTECTION

**Storage Requirements:** Protect containers from physical damage. Detached or outside storage is preferred. Inside storage should be in an NFPA approved flammable liquids storage room or cabinet. Store in corrosion-proof area at temperatures below 77° F (25°C). Do not store in direct sunlight. Isolate from incompatible materials. Keep containers tightly closed.

**Handling Requirements:** All ignition sources should be eliminated. Remove closure carefully; internal pressure may be present. Keep closure up to prevent leakage. When contents are being transferred, metallic containers must be bonded to the receiving container and grounded to avoid static discharges. Never use pressure to empty containers. Replace closure carefully

**Ventilation:** Not required for product (JAC unit dose inhalant) use. When handling bulk material, use general or local exhaust ventilation to meet TLV requirements. Where engineering controls are not feasible or sufficient to achieve full conformance with acceptable exposure limits, use NIOSH approved respiratory protection equipment. Care must be taken to assure that any respirator chosen is capable of protecting the user from **both ammonia and ethyl alcohol vapors**. In some cases, a self-contained breathing apparatus may be advisable.

**Eye Protection:** Not required for product (JAC unit dose inhalant) use. When handling bulk material; always wear gas-tight, splash-proof chemical safety goggles meeting OSHA 29CFR 1910.133 specifications.

**Skin Protection:** Not required for product (JAC unit dose inhalant) use. Use rubber gloves, protective suit, face shield and overshoes when handling bulk product.

### PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** N/A for mixtures

**Specific Gravity:** 0.891 25/25

**Vapor Density:** Unknown

**% volatiles by vol.:** 55%

**Appearance and odor:** Clear, pink to light red liquid. Pungent odor of ammonia.

**pH:** Unknown

**Melting Point:** Unknown

**Vapor Pressure:** Unknown

**Solubility in water:** Very soluble

**Evaporation Rate (Butyl acetate=1):** Unknown