

## **Rothco Item 2766**

### Contents:

- 1 Molle Tactical Pouch/Coyote (Rothco item 9703)
- 1 Blood Stopper Kit
- 1 4" Elastic Bandage
- 6 4" X 4" Sterile Sponge
- 16 3" Bandage Strip
- 1 Stainless Steel Tweezers
- 1 EMT Shears
- 1 5" X 9" Abdominal Pad
- 6 Safety Pins
- 1 Pair Latex Gloves
- 4 Aspirin/Pkg of 2
- 1 Tape
- 6 BZK Towelette
- 1 Triangular Bandage (36 x 36 x 51 - Strong Muslin: 100% cotton, includes safety pins)
- 5 Butterfly Closure Strips
- 2 Ammonia Inhalants
- 1 Burn Gel Package
- 1 Instructions

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# MATERIAL SAFETY DATA SHEET

James Alexander Corporation 845 Route 94 Blairstown, NJ 07825

Product Name: AMMONIA INHALANT SOLUTION

MSDS Effective Date: September 10, 2001

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CHEMTREC 24 Hour Emergency Phone: (800) 424-9300 **Note:** The CHEMTREC emergency number is to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to JAC at (908) 362-9266.

## I. PRODUCT IDENTIFICATION

Manufacturer's Name: James Alexander Corporation Phone: (908)362-9266  
Emergency Telephone No.: (800)424-9300 (CHEMTREC)

Address: 845 Route 94 Blairstown, NJ 07825

Product Name: AMMONIA INHALANT SOLUTION

Synonyms: 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

## II. HAZARDOUS INGREDIENTS

Component	CAS No.	%	OSHA	ACGIH	
			PEL/TWA	TLV/TWA	TLV/STEL
Ammonia	7664-41-7	17.5	50 ppm	25 ppm	35 ppm
Ethyl Alcohol	64-17-5	37.5	1000 ppm	1000 ppm	Not listed

## III. PHYSICAL DATA

Boiling Point: N/A for mixtures Melting Point: Unknown

Specific Gravity: 0.891 25/25 Vapor Pressure: Unknown

Vapor Density: Unknown Solubility in water: Very soluble

% volatiles by vol.: 55% Evaporation Rate (Butyl acetate=1): Unknown

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

pH: Unknown

## IV. FIRE & EXPLOSION INFORMATION

Flash Point: Less than 50 degrees F Test Method: Pensky Martens Closed Cup  
Autoignition temp: Ammonia 1204 degrees F (651°C); Ethyl Alcohol: 685 degrees 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.

REVISED

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## 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 facepiece 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.

## V. 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.

**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.

## VI. EMERGENCY AND FIRST AID PROCEDURES

**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.

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**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.

## VII. TOXICITY DATA

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.

## VIII. 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 degrees 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 after each opening.

**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.

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## IX. HAZARDOUS REACTIVITY

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.

## X SPILL, LEAK AND DISPOSAL PROCEDURES

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.

**Prepared By:** David Robinson

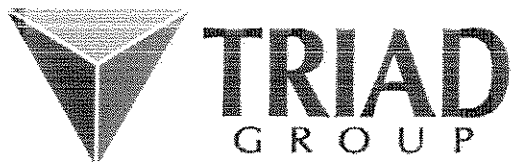
**Title:** Vice President

**Date of Initial Preparation:** June 1989

**Latest Revision Date:** September 10, 2001

**NOTE:** This Material Safety Data Sheet is intended only as a guide to the appropriate precautionary handling of the material by a person trained in, or supervised by a person trained in, the safe handling of chemical materials. James Alexander Corporation (JAC), expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose with respect to the product or information provided herein.

All information appearing herein is based upon data obtained from the manufacturer(s) and/or recognized technical sources. While the information is believed to be accurate, JAC makes no representations as to its accuracy or sufficiency. Conditions of use are beyond JAC's control and therefore, users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein and does not relate to its use in combination with any other material or in any other process.



**THE TRIAD GROUP**  
700 W. North Shore Drive  
Hartland, Wisconsin 53029  
Phone: 262-538-2900  
Fax: 262-538-2971  
Emergency: 262-538-2900

**ISSUE DATE:** 25 JANUARY 2008

**PRODUCT:** Benzalkonium Chloride Towelette Solution

## **SECTION II: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION**

<b>Hazardous Components</b> (Specific Chemical Identity; Common Name(s))	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>Other Limits</b>	<b>%</b>
<b>Benzalkonium Chloride</b>	None Established			<b>0.13%</b>

## **SECTION III: PHYSICAL / CHEMICAL CHARACTERISTICS**

Boiling Point: 212 ° F  
Vapor Pressure (mm Hg.): Not Available  
Vapor Density (AIR = 1): Not Available  
Specific Gravity (H2O = 1): 1.0  
Melting Point: Not Applicable  
Evaporation Rate (Butyl Acetate = 1): Not Available  
Solubility in Water: Soluble  
Appearance and Odor: Clear solution, with characteristic odor

## **SECTION IV: FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Method Used): >200° F  
Flammable Limits  
LEL: Not Applicable  
UEL: Not Applicable  
Extinguishing Media: Water spray, dry chemical, carbon dioxide, alcohol foam  
Special Fire Fighting Procedures: NA  
Unusual Fire and Explosion Hazards: None

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## SECTION V: REACTIVITY DATA

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### Stability

Unstable: No

Stable: Yes

Conditions to Avoid: NA

Incompatibility (Materials to Avoid): Strong oxidizers, acids and alkalis

Hazardous Decomposition

or Byproducts: Carbon Dioxide, Carbon Monoxide, toxic products of combustion.

### Hazardous

### Polymerization

May Occur: No

Will Not Occur: Yes

Conditions to Avoid: NA

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## SECTION VI: HEALTH HAZARD DATA

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### Route(s) of Entry

Inhalation? NA

Skin? NA

Ingestion? NA

Health Hazards (Acute and Chronic):

Skin Contact:	Can cause irritation of skin.
Eye Contact:	Can cause irritation of the eyes.
Inhalation:	May be irritating to the upper respiratory tract.

### Carcinogenicity

NTP? NA

IARC Monographs? NA

OSHA Regulated? NA

Signs and Symptoms of Exposure: Irritation of skin upon prolonged contact

Medical Conditions Generally

Aggravated by Exposure: Preexisting skin disorders.

Emergency and First Aid Procedures:

Skin Contact:	Remove contaminated clothing. Wash affected area with soap and water. Seek medical attention if irritation persists.
Eye Contact:	Flush eyes with copious amounts of water. Seek medical attention if irritation persists.
Inhalation:	Remove to fresh air. Seek medical attention if difficulty breathing occurs.

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## SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

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Steps to be Taken in Case  
Material is Released or Spilled: Absorb liquid with absorbent material. Wear gloves.

Waste Disposal Method: Dispose of in accordance with local, state and federal regulations.

Precautions to Be Taken  
in Handling and Storing: Store away from incompatible materials.

Other Precautions: **KEEP OUT OF REACH OF CHILDREN**

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## SECTION VIII: CONTROL MEASURES

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Respiratory Protection (Specify Type): None normally required

### Ventilation

Local Exhaust: Recommended

Mechanical

(General): Recommended

Special: NA

Other: NA

Protective Gloves: Chemical resistant gloves

Eye Protection: Safety glasses/Goggles

Other Protective Clothing

or Equipment: Any protective equipment or clothing that will minimize contact with this material.

Work / Hygienic Practices: Good hygienic practice



**ULTRASEAL****Material Safety Data Sheet**

Date Last Revised:

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NFPA Hazard Code: 1, 1, 0

NPCA Hazard Code: 1, 1, 0

15-1020  
15-1020 G  
35-188K

67-FAC27

**I. General Information****Product Name:** First Aid Cream**Trade Name & Synonyms of Hazardous Components:** None.**Type of Formulation:** Topical Cream**Formula:** Proprietary**Distributor & Address:**521 Main Street, Route 299, New Paltz, NY  
12561**Distributor's Phone Number:**

(914) 255 - 2490; Fax (914) 255 - 3553

311 Vineyard Avenue, Highland, NY 12528

**II. Ingredients****Principal Hazardous Ingredients****Percent****Threshold Limit Value**

None

**III. Physical Data****Boiling Point (°F):** No data available.**Specific Gravity (H<sub>2</sub>O = 1.00):** 0.86**Vapor Pressure (mm Hg):** No data available.**Percent Volatile by Volume (%):** No data available.**Vapor Density (Air = 1.00):** Not applicable.**Evaporation Rate:** No data available.**Solubility in H<sub>2</sub>O (g / 100ml @ 25°C):**  
Insoluble.**pH:** Not applicable.**Appearance & Odor:** Opaque white,  
practically odorless cream.**IV. Fire & Explosion Hazard Data****Flash Point (Test Method CC or OC):** >199°  
C / 390° F Closed cup**Auto Ignition Temperature:** Not available.**Flammable Limits:** No data available.**LEL:** Not available.**UEL:** Not available.**Extinguishing Media:** Dry Chemical, Waterfog, CO<sub>2</sub>, Foam, Sand or Earth.**Special Fire Fighting Procedures:** Water spray is an unsuitable extinguishing agent. Use self-contained breathing apparatus.**Unusual Fire & Explosion Hazards:** None.

### V. Health Hazard Data

**Product:** First Aid Cream

**OSHA Permissible Exposure Limit:** Not Applicable.

**ACGIH Threshold Limit Value:** Not Applicable.

**Carcinogen - NTP Program:** Not Listed.

**Carcinogen - IARC Program:** Not Listed.

**Symptoms of Exposure:** Very mild allergic skin reactions may occur in susceptible individuals.

**Medical Conditions Aggravated by Exposure:** None

**Primary Route(s) of Entry:** Exposure to skin or accidental ingestion.

**Emergency First-Aid:** Ingestion: Contact a physician or poison control center immediately. *Eye contact:* Flush with large quantities of water. *Skin contact:* Wipe with oil absorbent tissues or cloth.

### VI. Reactivity Data

**Stability:** Unstable ☐

Stable ☒

**Conditions to Avoid:** Excessive heat.

**Incompatibility:** None

**Material to Avoid:** Strong oxidizing agents.

**Hazardous Polymerization:** May Occur ☐ Will Not Occur ☒

**Conditions to Avoid:** None.

**Hazardous Decomposition Products:** When heated to decomposition, toxic fumes of nitrogen oxides are emitted.

### VII. Environmental Protection Procedures

**Spill Response:** Scrape or shovel up material. Clean area with an oil absorbent material.

**Waste Disposal Method:** Dispose of in accordance with local, state and Federal regulations.

### VIII. Special Protection Information

**Eye Protection:** Safety goggles recommended.

**Skin Protection:** Not required

**Respiratory Protection:** Not required.

**Ventilation Recommended:** Not required.

**Other Protection:** Not required.

### IX. Special Precautions

**Hygienic Practices in Handling & Storage:** Store away from flame, heat (200 °C maximum) and strong oxidizing agents.

**Precautions for Repair & Maintenance of Contaminated Equipment:** Not applicable.

**Other Precautions:** None required.

Honeywell Safety Products  
2000 Plainfield Pike  
Cranston, Rhode Island 02921  
800-430-4110

Thank you for your recent MSDS request concerning **231209G Triple Biotic ointment** and **161515 Aspirin**. These are considered by OSHA as "Articles" per 29 CFR 1910.1200 and are; therefore, exempt, from requiring a MSDS. The following is the definition for Article under section 1910.1200(c):

"Article" means a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical (as determined under paragraph (d) of this section), and does not pose a physical hazard or health risk to employees

The actual exemption is found in 1910.1200(b)(6)(iv)

Articles (as that term is defined in paragraph (c) of this section);

And section

1910.1200(b)(6)(vii)

Any drug, as that term is defined in the Federal Food, Drug, and Cosmetic Act (21 U.S.C. 301 et seq.), when it is in solid, final form for direct administration to the patient (e.g., tablets or pills); drugs which are packaged by the chemical manufacturer for sale to consumers in a retail establishment (e.g., over-the-counter drugs); and drugs intended for personal consumption by employees while in the workplace (e.g., first aid supplies);

Please contact me if you have any questions regarding this exemption

Bob Rock



Product Manager, First Aid