

**MATERIAL SAFETY DATA SHEET FOR ALCOHOL PREP PADS & SWAB STICKS**

**PDI - PROFESSIONAL DISPOSABLES INTERNATIONAL  
HEALTHCARE DIVISION OF  
NICE-PAK PRODUCTS, INC  
TWO NICE-PAK PARK  
ORANGEBURG NY 10962-1376  
845-365-1700**

REVISION DATE: 11/00

**I-PRODUCT IDENTIFICATION**

PRODUCT/TRADE NAME: ALCOHOL PREP/SWAB - B05507, B15901, B0550X, B33901, B33905, B33973, B60301, B60307, C29600, C69900, S84925, S81650, B05505EX, B24189, B3390V, B33902, B33907, B33966, B60305, B60389, C29695, S84925, S84970

HAZARD RATING(NFPA)

HEALTH: 1

FLAMMABILITY: 3

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: ISOPROPYL ALCOHOL

**II HAZARDOUS INGREDIENTS PER 29 CFR 1910.1200**

| Hazardous Ingredients | %  | ACGIH TLV | CAS NUMBER |
|-----------------------|----|-----------|------------|
| 2-PROPANOL            | 70 | 400 ppm   | 67-63-0    |

**III-PHYSICAL/CHEMICAL CHARACTERISTICS**

COLOR/ODOR/APPEARANCE: TOWELETTE/PAD/SWAB SATURATED WITH CLEAR LIQUID WITH ALCOHOL ODOR

BOILING POINT: N/A

FLASH POINT: 78°F

VAPOR DENSITY: N/A

EVAPORATION RATE: N/A

SOLUBILITY IN WATER: COMPLETE

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

**IV-FIRE & EXPLOSION HAZARD DATA**

FLASH POINT(Method Used): 78°F TAG CLOSED CUP :LEL:2.0 UEL:12.0

EXTINGUISHING MEDIA: DRY CHEMICAL OR ALCOHOL TYPE FOAM, CARBON DIOXIDE

SPECIAL FIRE FIGHTING PROCEDURES: HANDLE AS FLAMMABLE LIQUID. USE

RESPIRATORY PROTECTION FOR FIRE FIGHTING PERSONNEL

UNUSUAL FIRE AND EXPLOSION HAZARDS: CLASS 3 FLAMMABILITY

**V-REACTIVITY DATA**

STABILITY: STABLE

CONDITIONS TO AVOID NONE

INCOMPATIBILITY: NONE

HAZARDOUS DECOMPOSITION OF BYPRODUCT NONE

POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: NONE

**VI-HEALTH HAZARD DATA**

EFFECTS OF OVER EXPOSURE:

SKIN: IF RASH APPEARS, DISCONTINUE USE

EYES: WILL CAUSE EYE STING IF SPLASHED

INHALATION: NONE

INGESTION NOT A NORMAL ROUTE OF ENTRY

EMERGENCY AND FIRST AID PROCEDURES:

SKIN CONTACT: DISCONTINUE USE IF RASH OR IRRITATION OCCURS

EYE CONTACT: FLUSH WITH COLD WATER FOR 15 MINUTES

INHALATION: REMOVE TO FRESH AIR

INGESTION: INDUCE VOMITING. CALL PHYSICIAN

TARGET ORGANS: N/A

**VII-SPILL AND DISPOSAL PROCEDURE**

SPILL CONTROL: ELIMINATE ALL SOURCES OF IGNITION

WASTE DISPOSAL METHOD: FLUSH SPILLS WITH WATER. HANDLE AS FLAMMABLE LIQUID. FOLLOW LOCAL, STATE AND FEDERAL REGULATIONS.

HANDLING AND STORAGE: STORE AWAY FROM HEAT AND SOURCES OF IGNITION

**VIII-CONTROL MEASURES/PROTECTION**

RESPIRATION: USE IF PERMISSABLE EXPOSURE LEVEL IS EXCEEDED WHEN HANDLING BULK LIQUID

VENTILATION: RECOMMENDED

PROTECTIVE GLOVES: NONE REQUIRED

EYE PROTECTION: ONLY IF SPLASHING IS EXPECTED

HYGIENIC PRACTICES: GOOD HOUSEKEEPING PRACTICES SHOULD BE FOLLOWED.

OTHER: DON'T ALLOW LARGE QUANTITIES OF WASTE TO ACCUMULATE

**IX-TRANSPORT/SHIPPING**

DOT SHIPPING NAME: CONSUMER COMMODITY

TECHNICAL SHIPPING NAME: N/A

DOT SHIPPING CLASSIFICATION: "ORM -D"

DOT ID NO.: N/A

DOT LABEL REQUIREMENTS: N/A

UN/NA NUMBER REGULATIONS: N/A

REPORTABLE QUANTITY: N/A

**X-DISCLAIMER**

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**MATERIAL SAFETY DATA SHEET FOR [BZK ANTISEPTIC TOWELETTE](#)**

**PDI - PROFESSIONAL DISPOSABLES INTERNATIONAL**  
**THE HEALTHCARE DIVISION OF**  
**NICE-PAK PRODUCTS, INC**  
**TWO NICE-PAK PARK**  
**ORANGEBURG NY 10962-1376**  
**845-365-1700**  
**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:

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# MATERIAL SAFETY DATA SHEET

|   |            |   |          |                        |                    |
|---|------------|---|----------|------------------------|--------------------|
| <b>Identity:</b> Health Saver® Brand Eye Wash Sterile, Buffered, Isotonic, Saline - <b>Blue Label</b>           |            |   |          |                        |                    |
| <b>Section I</b>  |            |   |          |                        |                    |
| Manufacturer: Niagara Pharmaceuticals Inc.  |            | Emergency Telephone: (613) 996-6666 (collect) CANUTEC<br>(800) 268-9017 Poison Information Centre |          |                        |                    |
| Address: 60 Innovation Drive<br>Flamborough, Ontario, Canada<br>L9H 7P3   |            | Telephone: (905) 690-6277 Fax: (905) 690-6281   |          |                        |                    |
|   |            | Date Prepared: August 15, 2002  |          |                        |                    |
|   |            | Prepared By: John Ioannou, Quality Control  |          |                        |                    |
| <b>Section II - Material Identification and Information</b>   |            |   |          |                        |                    |
| Components (Chemical Names & Common Names)<br>(Hazardous Components 1% or greater, Carcinogens 0.1% or greater) | CAS #'s    | %   | OSHA PEL | ACGIH TLV              | OTHER LIMITS       |
| DISODIUM EDETATE  | 6381-92-6  | 0-1   |          |                        |                    |
| BORIC ACID  | 10043-35-3 | 1-5   |          | TWA 1mg/m <sup>3</sup> | Oral Rat 3500mg/kg |
| SODIUM BORATE   | 1303-96-4  | 1-5   |          |                        |                    |
| SODIUM CHLORIDE   | 7647-14-5  | 1-5   |          |                        |                    |
| BENZALKONIUM CHLORIDE   | 68429-85-1 | 0-1   | 1000 ppm |                        |                    |
| <b>Section III - Physical / Chemical Characteristics</b>  |            |   |          |                        |                    |
| Physical State: LIQUID  |            | Specific Gravity (H2O = 1): 1.00  |          |                        |                    |
| 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: 90%   |          | pH: 5.0 - 6.0          |                    |
| Appearance and Odour: CLEAR, COLOURLESS LIQUID, CHARACTERISTIC ODOUR  |            |   |          |                        |                    |
| <b>Section IV - Fire and Explosion Hazard Data</b>  |            |   |          |                        |                    |
| Flash Point (Method Used): NON-FLAMMABLE  |            | Auto-Ignition Temperature: N/A  |          |                        |                    |
| Flammability Limits in Air % By Volume: N/A   |            | LEL: N/A  |          | UEL: N/A               |                    |
| Extinguisher Media: CARBON DIOXIDE, WATER, FOAM   |            |   |          |                        |                    |
| Special Fire Fighting Procedures: NONE  |            |   |          |                        |                    |
| Unusual Fire and Explosion Hazards: NONE  |            |   |          |                        |                    |
| <b>Section V - Reactivity Data</b>  |            |   |          |                        |                    |
| Stability<br>Unstable: NO<br>Stable: YES  |            | Conditions to Avoid: NONE   |          |                        |                    |
| Incompatibility (Materials to Avoid): STRONG OXIDIZING MATERIALS, STRONG REDUCING AGENTS                        |            |   |          |                        |                    |
| Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE   |            |   |          |                        |                    |
| Hazardous Polymerization<br>May Occur: NO<br>Will Not Occur: YES  |            | Conditions to Avoid: NONE   |          |                        |                    |

## MATERIAL SAFETY DATA SHEET

|   |                           |  |   |
|---|---------------------------|--|---|
| <b>Identity:</b> Health Saver® Brand Eye Wash Sterile, Buffered, Isotonic, Saline - <b>Blue Label</b>   |                           |  |   |
| <b>Section VI - Health Hazard Data - Potential Acute Health Effects</b>   |                           |  |   |
| Eye Contact: PRODUCT IS INTENDED FOR USE IN THE OCULAR AREA.  |                           |  |   |
| Skin Contact: PRODUCT HAS NO EFFECT.  |                           |  |   |
| Inhalation: PRODUCT HAS NO EFFECT.  |                           |  |   |
| Ingestion: MAY CAUSE STOMACH DISCOMFORT IF INGESTED.  |                           |  |   |
| <b>Section VII - Health Hazard Data</b>   |                           |  |   |
| Emergency First Aid Procedures:   |                           | SEEK MEDICAL ASSISTANCE FOR FURTHER TREATMENT, OBSERVATION AND SUPPORT IF NECESSARY. |   |
| Eye Contact: NONE REQUIRED  |                           |  |   |
| Skin Contact: NONE REQUIRED   |                           |  |   |
| Inhalation: NONE REQUIRED   |                           |  |   |
| Ingestion: DO NOT INDUCE VOMITING. IF POSSIBLE GIVE 3 TO 4 GLASSES OF MILK ( <i>if unavailable, give water</i> ). CALL A PHYSICIAN IMMEDIATELY. |                           |  |   |
| <b>Section VIII - Control and Protective Measures</b>   |                           |  |   |
| Respiratory Protection (Specify Type):  |                           | NONE   |   |
| Protection Gloves: NONE   |                           | Eye Protection: NONE   |   |
| Ventilation to be Used:   | Local Exhaust: YES        |  | 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.   |                           |  |   |
| <b>Section IX - Precautions for Safe Handling and Use / Leak Procedures</b>   |                           |  |   |
| Steps to be taken if Material is Spilled or Released:   |                           | MOP UP USING LARGE AMOUNTS OF WATER. FLUSH DOWN SANITARY SEWER.                      |   |
| Waste Disposal Methods:   |                           | IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATIONS.                    |   |
| Precautions to be Taken in Handling and Storage:  |                           | KEEP AWAY FROM EXCESSIVE HEAT. KEEP CONTAINER CLOSED WHEN NOT IN USE.                |   |
| Other Precautions and/or Special Hazards:   |                           | KEEP FROM FREEZING. READ LABEL BEFORE USING.   |   |
| HMIS Rating:  | Health: 1                 | Flammability: 0  | Reactivity: 0      Personal Protection: 0 |
| NFPA Rating:  | Health: 1                 | Flammability: 0  | Reactivity: 0      Special: 0             |

## Material Safety Data Sheet

### I. PRODUCT IDENTIFICATION

**COMMON/TRADE NAME:** 0.5% First Aid Cream  
(Product Identifier) With Aloe Vera

**ISSUE DATE:** 05/21/03

**Manufacturer:** Water Jel Technologies  
243 Veterans Boulevard  
Carlstadt, NJ 07072

**Emergency Phone #**

800-275-3433

201-507-8300

**MSDS PREPARED BY**

Water Jel Technologies

**SUPPLIER:** As above

**PRODUCT USE:** First aid to help prevent infection and for temporary relief of pain in minor cuts, scrapes and burns. For external use only.

### II. INGREDIENTS

Hazardous ingredients are listed only if present at a concentration of 2% or greater (0.2% for carcinogens). For a complete list of product ingredients, consult product label.

| NAME                                  | % | LD <sub>50</sub> | LC <sub>50</sub> | CAS NUMBER |
|---------------------------------------|---|------------------|------------------|------------|
| <b>HAZARDOUS PER OSHA<sup>1</sup></b> |   |                  |                  |            |
| Glycerine                             | 3 | >17,000          | 4 6hr            | 56-81-5    |
| Stearic acid                          | 6 | NA               | NA               | 57-11-4    |

<sup>1</sup>HAZARDOUS AS DEFINED BY OSHA HAZARD COMMUNICATION STANDARD IN 29 CFR 1910.1200

LD<sub>50</sub> VALUES ARE GIVEN FOR ORAL RAT EXPOSURE IN MILLIGRAMS PER KILOGRAM OF BODY WEIGHT, AND LC<sub>50</sub> VALUES ARE GIVEN FOR INHALATION BY RATS IN MILLIGRAMS PER CUBIC METER OF AIR FOR 2 HOUR EXPOSURE PERIODS

ALL INGREDIENTS OF THIS PRODUCT ARE LISTED IN THE TSCA INVENTORY

NA MEANS THE DATA WAS NOT APPLICABLE OR NOT AVAILABLE AS APPROPRIATE

ITEMS MARKED WITH AN ASTERISK ARE TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING & COMMUNITY RIGHT-TO-KNOW ACT OF 1986, AS AMENDED (40 CFR 372). THE TABLE BELOW GIVES THE FORM, WHEN APPLICABLE, AND DE MINIMIS CONCENTRATIONS. ITEMS ARE POTENTIALLY REPORTABLE ONLY WHEN PRESENT ABOVE THE DE MINIMIS CONCENTRATION, AND IF MANUFACTURED, PROCESSED OR OTHERWISE USED IN THE INDICATED FORM.

## **Water-Jel Technologies MSDS 0.5% First Aid Cream With Aloe Vera**

| Chemical/Metal (form where applicable)               | De Minimis Concentration |
|--|--------------------------|
| No SARA 313 chemicals above de minimis concentration |                          |

## **OCCUPATIONAL EXPOSURE LIMITS**

| CHEMICAL/ELEMENT | ACGIH TLV | OSHA PEL | STEL |
|------------------|-----------|----------|------|
| Glycerine        | 10 mg/m3  | 10 mg/m3 | NA   |

The information in the above table is provided to conform with OSHA's guidelines for preparation of an MSDS. The form of the product as a cream, the intended use of the product, and the concentration of the Glycerine mean that exposure limits will not be exceeded or come close to being exceeded.

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## **III. PHYSICAL DATA**

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| PARAMETER                    | DATA/DESCRIPTION                                    |
|------------------------------|---|
| Physical Form and Appearance | White homogenous cream                              |
| Boiling Point                | NA  |
| pH                           | 6.4 - 7.6   |
| Water Solubility             | Generally soluble, some components are not soluble. |
| Specific Gravity or Density  | NA  |
| Melting Point/Freezing Point | NA  |



## **Water-Jel Technologies MSDS 0.5% First Aid Cream With Aloe Vera**

|                     |                       |
|---------------------|-----------------------|
| Vapor Density       | NA                    |
| Vapor Pressure      | NA                    |
| Reactivity in Water | Not reactive in water |

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### **IV. FIRE AND EXPLOSION DATA**

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|                    |                                  |                                   |
|--------------------|----------------------------------|-----------------------------------|
| <b>FLASH POINT</b> | <b>AUTO IGNITION TEMPERATURE</b> | <b>FLAMMABILITY LIMITS IN AIR</b> |
| NA                 | NA                               | NA                                |

#### **EXTINGUISHING MEDIA -**

Product does not burn. However, product contains ingredients that float on water. In fires involving large quantities of the product, use of large stream of water should be avoided. In fires involving small quantities of the product, use appropriate extinguishing media for the primary cause of the fire.

#### **SPECIAL FIRE FIGHTING PROCEDURES -**

None

#### **UNUSUAL FIRE AND EXPLOSION HAZARDS -**

None

#### **HAZARDOUS DECOMPOSITION MATERIALS (UNDER FIRE CONDITIONS) -**

Carbon monoxide. Also, this product contains 0.5% Lidocaine HCl, which is known to release toxic vapors when involved in a fire.

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### **V. REACTIVITY DATA**

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## **Water-Jel Technologies MSDS 0.5% First Aid Cream With Aloe Vera**

### **STABILITY:**

This material is stable under normal handling and storage conditions described in this MSDS.

### **INCOMPATIBILITY:**

Strong acids, oxidizers and strong alkalies.

### **CONDITIONS TO AVOID:**

- Heat
- Do not Freeze

### **HAZARDOUS DECOMPOSITION PRODUCTS:**

Thermal decomposition of Lidocaine HCl may release toxic vapors, which may be a problem if large quantities of the product are involved.

### **HAZARDOUS POLYMERIZATION:**

Will not occur

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## **VI HEALTH HAZARD INFORMATION**

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### **WARNING STATEMENTS:**

Care should be taken to use this product as instructed by the product label. The product is intended for use as a topical treatment of minor cuts, scrapes and burns. Product should not be used in a manner that results in inhalation (may occur if product is heated to melting point), swallowing or exposure to eyes.

### **ACUTE HEALTH EFFECTS**

## **Water-Jel Technologies MSDS 0.5% First Aid Cream With Aloe Vera**

Product has been tested and approved for consumer use according to the product label. No adverse acute health effects are expected when product is used as directed by product label.

### **CHRONIC HEALTH EFFECTS:**

Sensitization possible from repeated contact with Lidocaine HCl.

### **MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE:**

None established

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## **VII EMERGENCY MEDICAL INFORMATION**

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Product is intended for use as a first aid cream to help prevent infection and for the temporary relief of pain in minor cuts, scrapes, and burns. No first aid treatment for use of this product is expected.

### **NOTES TO PHYSICIAN:**

None

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## **VIII PERSONAL PROTECTION EQUIPMENT**

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### **PROTECTIVE EQUIPMENT**

No protective equipment is needed for use of the product as directed by the product label.

### **WORK PRACTICE CONTROLS:**

## **Water-Jel Technologies MSDS 0.5% First Aid Cream With Aloe Vera**

Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this product:

1) Do not store, use and/or consume foods, beverages, tobacco products, or cosmetics in areas where this product is stored or used, 2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet, 3) Wash exposed skin promptly to remove accidental splashes or other contact with this product.

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### **IX SPILL, LEAK AND DISPOSAL PROCEDURES**

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

Store at room temperature. Do not freeze.

Do not get on skin, except as intended and directed by product label, or in the eyes.

#### **STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Contain or absorb small spills. Larger spills must be contained or absorbed to prevent spreading. Residue must be placed in a non-reactive container. Area should be washed well with water. If appropriate, use protective equipment during spill clean-up.

#### **WASTE DISPOSAL METHOD:**

Consult federal, state and local regulations, and dispose in compliance with these regulations.

EPA Hazardous Waste: Not an EPA Hazardous Waste

#### **OTHER PRECAUTIONS:**

Keep out of the reach of children. Keep containers tightly closed. Use product for intended use only, following label directions.

## **Water-Jel Technologies MSDS 0.5% First Aid Cream With Aloe Vera**

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### **X CARCINOGEN INFORMATION**

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#### **CHEMICALS IN PRODUCT LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN:**

By National Toxicology Program: **NO**

By I.A.R.C. Monographs: **NO**

By OSHA: **NO**

By Other Sources: **NO**

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### **XI TRANSPORTATION INFORMATION**

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The listed transportation classification is per the regulations of the US Department of Transportation. Any listed information does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

DOT Hazard Class: Not a DOT regulated material.

DOT Proper Shipping Name: NA

Consult 49 CFR or qualified expert for marking, labeling and packaging information if needed.

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### **XII REGULATORY INFORMATION**

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#### **SARA TITLE III HAZARD CLASSES:**

Fire hazard: No

Reactive hazard: No

Release of pressure: No

Acute health hazard: No

## **Water-Jel Technologies MSDS 0.5% First Aid Cream With Aloe Vera**

Chronic health hazard: Yes








### **SARA EXTREMELY HAZARDOUS SUBSTANCES OR CERCLA HAZARDOUS SUBSTANCE:**

Ingredients are either not on the above lists or are present below the action level concentration.

**NOTE:** The information in this MSDS is obtained from sources which we believe are reliable, however, the accuracy or completeness thereof is not guaranteed, and no warranty of any kind is made with respect thereto. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons we assume no liability for the loss and damage incurred from the proper or improper use of such product.

### **WATER JEL TECHNOLOGIES**

There are 7 pages in this MSDS

| NFPA Classification  | DOT / TDG Pictograms  | WHMIS Classification   | PROTECTIVE CLOTHING   |
|--|---|--|---|
| Health  Flammability<br>Reactivity<br>Specific Hazard |  |   |    |

## Section I. Chemical Product and Company Identification

|  |   |
|--|---|
| <b>PRODUCT NAME/ TRADE NAME</b> Ammonium Nitrate, Prilled Fertilizer Grade 34.5-0-0  |   |
| <b>SYNONYM</b> 34.5-0-0 Prilled Ammonium Nitrate Fertilizer  | <b>MSDS NUMBER:</b> 14082   |
| <b>CHEMICAL NAME</b> Ammonium nitrate.   | <b>REVISION NUMBER</b> 4.5  |
| <b>CHEMICAL FAMILY</b> Nitrate salt. (Oxidizing agent)   | <b>MSDS prepared by the Environment, Health and Safety Department on:</b><br>March 5, 2001  |
| <b>CHEMICAL FORMULA</b> $\text{NH}_4\text{NO}_3$   | <b>24 HR EMERGENCY TELEPHONE NUMBER:</b><br><br><b>Transportation: 1-800-792-8311</b><br><b>Medical: 1-888-670-8123</b>   |
| <b>MATERIAL USES</b> Agricultural industry: Fertilizer.<br>Industrial applications: Manufacture of chemicals.<br>Manufacture of specialty fertilizers. |   |
| <b>MANUFACTURER</b><br>Agrium<br>North American Wholesale<br>13131 Lake Fraser Drive, S.E.<br>Calgary, Alberta, Canada<br>T2J 7E8                      | <b>SUPPLIER</b><br>Agrium<br>North American Wholesale<br>13131 Lake Fraser Drive, S.E.<br>Calgary, Alberta, Canada, T2J 7E8<br><br>Agrium U.S. Inc.<br>Suite 1700, 4582 South Ulster St.<br>Denver, Colorado, U.S.A., 80237 |

## Section II. Hazardous Ingredients

|  |  | Exposure Limits (ACGIH)      |                |                           |             |                           |             |             |
|--|--|------------------------------|----------------|---------------------------|-------------|---------------------------|-------------|-------------|
| NAME                                     | CAS #  | TLV-TWA<br>mg/m <sup>3</sup> | TLV-TWA<br>ppm | STEL<br>mg/m <sup>3</sup> | STEL<br>ppm | CEIL<br>mg/m <sup>3</sup> | CEIL<br>ppm | % by Weight |
| Ammonium nitrate                         | 6484-52-2  | 10                           |                |                           |             |                           |             | 99.8        |
| <b>TOXICOLOGICAL DATA ON INGREDIENTS</b> | <b>Ammonium Nitrate:</b><br>Non-Human Toxicity Values:<br>Rat oral LD50: 4500 mg/kg. [Peer Reviewed] [Environment Canada; Tech Info for Problem Spills: Ammonium Nitrate (Draft) p.59 (1981)]<br>Rat oral LD50: 2217 mg/kg (Rat) [Gigiena i Sanitariya. For English translation, see HYSAAV. (V/O Mezhdunarodnaya Kniga, 113095 Moscow, USSR) V.1- 1936- (52(8),25,1987)]<br>TFI Product Testing Results, OECD Guideline 402, October 2000: > 5,000 mg/kg acute dermal LD 50, rat,<br>OECD SIDS (Screening Information Data Set): acute oral LD <sub>50</sub> , 1479 - 1772 mg/kg, rat.<br>Not teratogenic to rats at 57 mg/kg<br><br>Ecotoxicity Values:<br>LD50 Aspergillus niger (fungus) 15 mg/l/40 hr (36 deg C). [Peer Reviewed] [Environment Canada; Tech Info]<br>OECD SIDS: 48 hr LC <sub>50</sub> , 1.15-1.72 mg un-ionized NH <sub>3</sub> /L, Rainbow Trout; 48 hr LC <sub>50</sub> , 95-102 mg total NH <sub>3</sub> /L, Rainbow Trout; EC <sub>50</sub> , 125 mg/L, Daphnia; EC <sub>50</sub> , 18.7 mg/L, Phytoplankton |                              |                |                           |             |                           |             |             |

**Section III. Hazards Identification.****POTENTIAL ACUTE HEALTH EFFECTS**

May interfere with the oxygen carrying capacity of the blood if ingested in large quantities or over a prolonged period of time. Persons with anemia, bowel diseases, or infants, are more likely to develop effects. Over-exposure by ingestion is unlikely under normal working conditions. Inhalation of dusts may cause respiratory irritation. This product may irritate eyes and skin upon contact but is unlikely to injure tissue.

Symptoms of overexposure may include:

Cardiovascular: methemoglobinemia, low blood pressure (hypotension), irregular heart beat (arrhythmia), shock (vasodilation)

CNS: headache, dizziness, generalized tingling sensation (parasthesia)

Gastrointestinal: nausea, vomiting, diarrhea, abdominal pain

Eye: redness and inflammation (conjunctivitis)

Skin: bluish discoloration (cyanosis) with profuse sweating following ingestion or irritation and flushed skin following contact with moist skin surfaces.

**POTENTIAL CHRONIC HEALTH EFFECTS**

**CARCINOGENIC EFFECTS:** NONE by ACGIH, EPA, IARC, NTP, OSHA. **MUTAGENIC EFFECTS:** NONE by ACGIH, EPA, IARC, NTP, OSHA. **TERATOGENIC EFFECTS:** NONE by ACGIH, EPA, IARC, NTP, OSHA.

Repeated or prolonged overexposure by ingestion can reduce the oxygen carrying capacity of the blood producing anoxia in infants or individuals with preexisting bowel or blood diseases. Ensure that nitrate containing fertilizers are not applied near wells where contamination may occur. Consult your agronomist regarding the advisability and precautions for use of nitrate fertilizers on fruit or vegetable crops.

**Section IV. First Aid Measures****EYE CONTACT**

Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Obtain medical attention if irritation persists.

**MINOR SKIN CONTACT**

May cause skin irritation. Wash contaminated skin with soap and water. Cover dry or irritated skin with a good quality skin lotion. If irritation persists, seek medical attention.

**EXTENSIVE SKIN CONTACT**

No additional information.

**MINOR INHALATION**

Inhalation of dust may produce irritation, burning, sneezing and coughing. Long term exposure may cause headache, nausea or weakness. Loosen tight clothing. Allow affected persons to rest in a well ventilated area. Obtain medical attention if irritation persists.

**SEVERE INHALATION**

In emergency situations use proper respiratory protection to evacuate affected individuals to a safe area as soon as possible. Loosen tight clothing around the person's neck and waist. Oxygen may be administered if breathing is difficult. If the person is not breathing, perform artificial respiration. Obtain immediate medical attention.

**SLIGHT INGESTION**

If conscious, have person drink several glasses of water or milk and induce vomiting. Never give anything by mouth to an unconscious person. Lower the head so that the vomit will not reenter the mouth and throat. Obtain medical attention.

**EXTENSIVE INGESTION**

No additional information.

**Section V. Fire and Explosion Data****THE PRODUCT IS**

Non-flammable.

**AUTO-IGNITION TEMPERATURE**

Not applicable.

**FLASH POINT**

Not applicable.

**FLAMMABILITY LIMITS**

Not applicable.

**PRODUCTS OF COMBUSTION**

Material will not burn, but thermal decomposition may result in flammable/toxic gases being formed. These products are nitrogen oxides and ammonia (NO, NO<sub>2</sub>, NH<sub>3</sub>).

*Continued on Next Page*



|   |  |
|---|--|
| <b>FIRE HAZARD IN THE PRESENCE OF VARIOUS SUBSTANCES</b>      | Not applicable.  |
| <b>EXPLOSION HAZARD IN THE PRESENCE OF VARIOUS SUBSTANCES</b> | <p>Oxidizer: Material is an oxidizer which may react readily with other materials, especially upon heating. Studies conducted by the Canadian Center for Mineral and Energy Technology Explosives Research Laboratory indicate that Agrium Ammonium Nitrate Fertilizer meets The Fertilizer Institute Detonation Resistance and Burn Test for classification of the material as "fertilizer".</p> <p>In confinement and in the presence of a strong detonation source, the material can explode when subject to sudden shock, pressure, or high temperature. Avoid temperatures above 210 °C (410 °F) which may cause thermal decomposition or explosion, especially in confined or poorly ventilated spaces.</p> <p>Incompatible with sulfur, chlorides, reducing agents, or other oxidizers. Incompatible with finely powdered metals (cadmium, copper, lead, cobalt, nickel, bismuth, chromium, magnesium, zinc, sodium, potassium and aluminum).</p>         |
| <b>FIRE FIGHTING MEDIA AND INSTRUCTIONS</b>                   | Oxidizing material. Cool containing vessels with water jet in order to prevent pressure build-up, or explosion. Use flooding quantities of water. Evacuate surrounding area. Material will not burn. Melts and undergoes thermal decomposition at elevated temperatures to release visible clouds of toxic and combustible gases (ammonia, carbon dioxide, and oxides of nitrogen). If fumes or gases may be present, fire fighters should wear self-contained breathing apparatus.  |
| <b>SPECIAL REMARKS ON FIRE HAZARDS</b>                        | Material supports combustion. Powerful oxidizing agent, supports combustion by liberating oxygen even if smothered. Avoid temperatures above 210°C (410°F) in confined or poorly ventilated spaces. Explosive when exposed to heat or flame <u>under confinement</u> . Avoid pressure build-up. Thermal decomposition or explosion may result. Ventilate to cool and flood with water to stop decomposition reaction. Contain and collect all runoff for treatment. Prevent fire water from reaching water courses or aquifers.  |
| <b>SPECIAL REMARKS ON EXPLOSION HAZARDS</b>                   | <p>Industry studies have proposed the following rules for blends of ammonium nitrate with phosphate and potassium containing fertilizers:</p> <p>a) Ammonium nitrate fertilizers are reported not to detonate unless the fertilizer contains at least 70% ammonium nitrate, unless ammonium sulfate is present in the blend. Blended ammonium nitrate - ammonium sulfate fertilizers may detonate with as little as 45% ammonium nitrate present.</p> <p>b) It has been reported that it is desirable to keep the ammonium to nitrate ratio above 1.5 in fertilizer blends in order to minimize toxic gas release during "cigar burn" fires.</p> <p>c) "Cigar burn" is considered to be a hazard primarily when the ammonium nitrate content of a blend is between 20-40%. Cigar burn is a rare phenomenon which requires the combustion of a separate combustible material such as sulfur which can cause thermal decomposition of nearby ammonium nitrate.</p> |

### Section VI. Accidental Release Measures

|                    |   |
|--------------------|---|
| <b>SMALL SPILL</b> | Use appropriate tools or equipment to place the spilled solid in a suitable container for reuse or disposal.  |
| <b>LARGE SPILL</b> | In the event of a spill, prevent additional discharge of material, if possible to do so without hazard. Prevent spills from entering sewers, watercourses, wells, etc. Product will promote algae growth which may degrade water quality and taste. Notify downstream water users. Nitrate in potable drinking water should be maintained below 10 mg/L. Will dissolve and disperse in water. Put the material into a suitable container for reuse or disposal. |

### Section VII. Handling and Storage

|                    |   |
|--------------------|---|
| <b>PRECAUTIONS</b> | Keep away from heat, combustible materials, and reducing agents. Avoid contact with skin and eyes. DO NOT ingest or breathe dust. Take precautions against electrostatic discharges. Keep out of reach of children. Keep away from food, drink and animal feed.                                 |
| <b>STORAGE</b>     | Store in a dry, cool and well ventilated area. Keep away from food, drink and animal feeds. Keep away from combustible materials. Keep away from incompatible materials. Do not blend or store in contact with urea. Dry urea and dry ammonium nitrate will react together to produce a slurry. |

Continued on Next Page

**Section VIII. Exposure Controls/Personal Protection**

|   |  |
|---|--|
| <b>ENGINEERING CONTROLS</b>                         | Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, use ventilation to keep exposure to airborne contaminants below the exposure limit.  |
| <b>PERSONAL PROTECTION</b>                          | The selection of personal protective equipment varies, depending upon conditions of use. Wear appropriate respiratory protection for dust/mist when ventilation is inadequate. A filtering facepiece dust mask is recommended for most applications if respiratory protection is needed. Where skin and eye contact may occur as a result of brief periodic exposures, wear long sleeved clothing, coveralls, chemical resistant gloves, and safety glasses with side shields. |
| <b>PERSONAL PROTECTION IN CASE OF LARGE RELEASE</b> | No additional information.   |
| <b>EXPOSURE LIMITS</b>                              | ACGIH TLV-TWA: 10 mg/m <sup>3</sup> as particulate not otherwise classified.<br>U.S. OSHA PEL: 15mg/m <sup>3</sup> as particulate not otherwise classified.<br><br>Permissible exposures may vary from jurisdiction to jurisdiction. Consult local authorities for acceptable exposure limits in your area.  |

**Section IX. Physical and Chemical Properties**

|   |                              |                               |   |
|---|------------------------------|-------------------------------|---|
| <b>PHYSICAL STATE AND APPEARANCE</b>                      | Solid. (Prills or granules.) |                               |   |
| <b>MOLECULAR WEIGHT</b>                                   | Not available.               | <b>COLOR</b>                  | White.  |
| <b>pH (10% SOLN/WATER)</b>                                | 6 [Acidic.]                  | <b>ODOR</b>                   | Odorless.   |
| <b>BOILING POINT</b>                                      | Decomposes.                  | <b>ODOR THRESHOLD</b>         | Not available.  |
| <b>MELTING POINT</b>                                      | 170°C (338°F)                | <b>TASTE</b>                  | Disagreeable. Acid. (Strong.)   |
| <b>CRITICAL TEMPERATURE</b>                               | Not available.               | <b>VOLATILITY</b>             | 0% (v/v). 0% (w/w).   |
| <b>SPECIFIC GRAVITY g/cc</b>                              | 0.92 (Water = 1)             | <b>SOLUBILITY</b>             | Easily soluble in cold water, hot water.<br>Soluble in acetone.<br>Partially soluble in methanol. |
| <b>BULK DENSITY kg/m<sup>3</sup> ; lbs/ft<sup>3</sup></b> | Loose: 913; 57.7             | <b>DISPERSION PROPERTIES</b>  | See solubility in water, methanol, acetone.   |
| <b>VAPOR PRESSURE</b>                                     | 0 mm of Hg (@ 20°C)          | <b>WATER/OIL DIST. COEFF.</b> | Not available.  |
| <b>VAPOR DENSITY</b>                                      | Not available.               |                               |   |

**Section X. Stability and Reactivity Data**

|  |   |
|--|---|
| <b>STABILITY</b>                               | The product is stable.  |
| <b>INSTABILITY TEMPERATURE</b>                 | Not available.  |
| <b>CONDITIONS OF INSTABILITY</b>               | No additional information.  |
| <b>INCOMPATIBILITY WITH VARIOUS SUBSTANCES</b> | Reactive with combustible materials. Slightly reactive to reactive with reducing agents, organic materials, metals, moisture. Very slightly to slightly reactive with alkalis. Non-reactive with acids. |
| <b>CORROSIVITY</b>                             | Slightly corrosive to aluminum, zinc, and copper. Non-corrosive to steel and stainless steel (304 or 316).  |
| <b>SPECIAL REMARKS ON REACTIVITY</b>           | Absorbs moisture from the air. Incompatible with magnesium, zinc, sodium, potassium, and other finely powdered metals. May explode by detonation, heat or shock.  |
| <b>SPECIAL REMARKS ON CORROSIVITY</b>          |   |

Continued on Next Page

Avoid contact with moisture. Slow hydrolysis will produce acids which may slowly corrode metals. Contact your sales representative or a metallurgical specialist to ensure compatability with system equipment.

**Section XI. Toxicological Information**

|   |   |
|---|---|
| <b>SIGNIFICANT ROUTES OF EXPOSURE</b>               | Ingestion. Inhalation.  |
| <b>TOXICITY TO ANIMALS</b>                          | See Section II.   |
| <b>SPECIAL REMARKS ON TOXICITY TO ANIMALS</b>       | Toxic to livestock, wildlife, and domestic animals if directly ingested. Ensure that all spillage is cleaned up and that top dressing on pasture lands is applied uniformly. Allow 2 - 4 days to pass after application before returning livestock to pasture. The product itself and its products of degradation are not harmful under normal conditions of careful and responsible use. |
| <b>OTHER EFFECTS ON HUMANS</b>                      | Recent studies undertaken by the U.S. Government using Canadian and American databases have determined that ammonium nitrate fertilizer does not demonstrate any risk of gastrointestinal cancer.   |
| <b>SPECIAL REMARKS ON CHRONIC EFFECTS ON HUMANS</b> | Exposure can cause headache, stomach pains, vomiting and diarrhea. Produces methemoglobin which reduces oxygen supply in the circulating blood. Although predominantly affecting infants, nitrate induced methemoglobinemia has also been documented in adults.   |
| <b>SPECIAL REMARKS ON OTHER EFFECTS ON HUMANS</b>   | ACGIH TLV is based on "Particulates Not Otherwise Classified".  |

**Section XII. Ecological Information**


|   |  |
|---|--|
| <b>ECOTOXICITY</b>                                    | <p>Non-persistent. Non-cumulative when applied using normal agricultural practises. Low toxicity for humans or animals under normal conditions of use. May be harmful to livestock and wildlife if ingested. Clean up all spilled material, especially where bulk fertilizer loading of equipment occurs to prevent animal exposure.</p> <p>Aquatic/Marine Toxicity: Will release ammonium ions. Ammonia is a toxic hazard to fish. Avoid spills or release to watercourses. Will disperse with current. Release to watercourses may cause effects down stream from the point of release. U.S. D.O.T.: This material NOT listed as a Marine pollutant.</p> |
| <b>BOD and COD</b>                                    | Not available.   |
| <b>PRODUCTS OF DEGRADATION</b>                        | Not applicable.  |
| <b>TOXICITY OF THE PRODUCTS OF DEGRADATION</b>        | The product itself and its products of degradation are not harmful under normal conditions of use. Avoid spills or releases to watercourses.   |
| <b>SPECIAL REMARKS ON THE PRODUCTS OF DEGRADATION</b> | Product will promote algae growth which may degrade water quality and taste. Notify downstream water users. Nitrate in potable drinking water should be maintained below 10mg/L. Will dissolve and disperse in water.  |

**Section XIII. Disposal Considerations**

|                                    |  |
|------------------------------------|--|
| <b>WASTE DISPOSAL OR RECYCLING</b> | Recycle to process, if possible. Recover and place material in a suitable container for intended use or disposal. Ensure disposal complies with government requirements and local regulations. |
|------------------------------------|--|

**Continued on Next Page**

**Section XIV. Transport Information**

|   |   |
|---|---|
| <b>DOT / TDG CLASSIFICATION</b>         | TDG/DOT CLASS 5.1: Oxidizing substance.   |
| <b>PIN</b>                              | Proper Shipping Name: Ammonium Nitrate UN1942 PG: III   |
| <b>SPECIAL PROVISIONS FOR TRANSPORT</b> | <p>Exemption under 49 CFR Part §173.5 for Agricultural operations:</p> <p>(a) The transportation of an agricultural product other than a Class 2 material, over local roads between fields of the same farm, is excepted from the requirements of this subchapter when:</p> <p>(a)(1) It is transported by a farmer who is an intrastate private motor carrier; and</p> <p>(a)(2) The movement of the agricultural product conforms to requirements of the State in which it is transported and is specifically authorized by a State statute or regulation in effect before October 1, 1998.</p> <p>(b) The transportation of an agricultural product to or from a farm, within 150 miles of the farm, is excepted from the requirements in subparts G and H of part 172 of this subchapter and from the specific packaging requirements of this subchapter when:</p> <p>(b)(1) It is transported by a farmer who is an intrastate private motor carrier;</p> <p>(b)(2) The total amount of agricultural product being transported on a single vehicle does not exceed:</p> <p>(b)(2)(i) 7,300 kg (16,094 lbs.) of ammonium nitrate fertilizer properly classed as Division 5.1, PG III, in a bulk packaging, or</p> <p>(b)(2)(ii) 1900 L (502 gallons) for liquids or gases, or 2,300 kg (5,070 lbs.) for solids, of any other agricultural product;</p> <p>(b)(3) The movement and packaging of the agricultural product conform to the requirements of the State in which it is transported and are specifically authorized by a State statute or regulation in effect before October 1, 1998; and</p> <p>(b)(4) Each person having any responsibility for transporting the agricultural product or preparing the agricultural product for shipment has been instructed in the applicable requirements of this subchapter.</p> <p>Where an agricultural product is defined under 49FR §171.8 as:</p> <p>Agricultural product means a hazardous material, other than a hazardous waste, whose end use directly supports the production of an agricultural commodity including, but not limited to a fertilizer, pesticide, soil amendment or fuel. An agricultural product is limited to a material in Class 3, 8 or 9, Division 2.1, 2.2, 5.1, or 6.1, or an ORM-D material.</p> <p>Exempt under Canadian TDGR Sec 2.32.4 2(a)(b)(c)and (d):</p> <p>Retail deliveries of less than 13.6 tonnes of ammonium nitrate fertilizers (PIN #s: 1942, 2067, 2069, 2070, or 2072) are exempt from Sections IV, V, and 9.2 to 9.7 of the TDGR if carrying a record sheet identifying the Proper Shipping Name, PIN #, and quantity of fertilizer transported.</p> |
| <b>DOT (U.S.A) (Pictograms)</b>         |    |

**Section XV. Other Regulatory Information and Pictograms**

|                          |  |
|--------------------------|--|
| <b>OTHER REGULATIONS</b> | <p>U.S. Allowable Tolerances (FIFRA Requirements):</p> <ol style="list-style-type: none"> <li>1. Ammonium nitrate is exempted from the requirement of a tolerance when used as a desiccant or defoliant in the production of cottonseed, grain sorghum, peppers, potatoes, sweet potatoes. 40 CFR 180.1018 (7/1/91)</li> <li>2. Ammonium nitrate is exempted from the requirement of a tolerance when used as an adjuvant/intensifier for herbicides in accordance with good agricultural practice as inert (or occasionally active) ingredients in pesticide formulations applied to growing crops only. 40 CFR 180.1001(d) (7/1/91)</li> </ol> <p>FDA Requirements:</p> <ol style="list-style-type: none"> <li>1. Bottled water shall, when a composite of analytical units of equal volume from a sample is examined by the methods described in paragraph (d)(1)(ii) of this section, meet the standards of chemical quality and shall not contain nitrate, as nitrogen, in excess of 10.0 mg/l. /Nitrate, as nitrogen. 21 CFR 103.35 (4/1/91)</li> </ol> <p>TSCA - Sect. 8(b) Inventory: XU</p> |
|--------------------------|--|

Continued on Next Page

California - Air Bill 2588 (Air Toxics Hot Spots) Appendix A-I: 6/91; ADOA 100.0 lbs/yr  
 California - Toxic Air Contaminant List Category III (AB 1807, AB 2728)  
 Massachusetts RTK List - Present  
 NJ Department of Health RTK List: sn 0106  
 NJ Special Hazardous Substances: (reactive - third degree)  
 Pennsylvania RTK List: environmental hazard  
 Rhode Island Hazardous Substance List - Present

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): This product or its ingredients is on the Domestic Substances List (DSL), and acceptable for use under the provisions of CEPA.

Canada - Domestic Substances List - Present

Canada - WHMIS Classification of Substances: C; D2B

EINECS Inventory: 229-347-8

Japan - Existing and New Chemical Substances Inventory: 1-395

Korea - Existing and Evaluated Chemical Substances Inventory: KE-01715

Taiwan - Dangerous and Toxic Materials List: Dangerous material - Oxidizer

CERCLA/SUPERFUND, 40 CFR 117, 302: This product contains no Reportable Quantity (RQ) Substances.

SARA HAZARD CATEGORY: This product has been revised according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following category(ies):

Immediate Health, Fire, Reactive

The following product is listed in SARA Section 313 (40 CFR Part 372):

Ammonium nitrate, CAS # 6484-52-2 (if in solution).

This product is not considered as a priority pollutant as regulated under the Clean Water Act.

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

**OTHER CLASSIFICATIONS****HCS (U.S.A.)**

HCS CLASS: Oxidizer.

**DSCL (EEC)**

R2- Risk of explosion by shock, friction, fire or other sources of ignition.

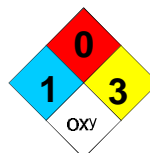
R8- Contact with combustible material may cause fire.

R9- Explosive when mixed with combustible material.

**National Fire Protection Association (U.S.A.)**

Hazards presented under acute emergency conditions only:

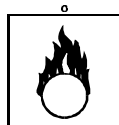
Health



Fire Hazard

Reactivity

Specific Hazard

**TDG (Pictograms - Canada)****DSCL (Europe) (Pictograms)****ADR (Europe) (Pictograms)**

**Section XVI. Other Information****REFERENCES**

- Transportation of Dangerous Goods Act (1992) and Regulations.
- Canada Gazette Part II, Vol. 122, No. 2 Registration SOR/88-64 31 December, 1987 Hazardous Products Act "Ingredient Disclosure List".
- Domestic Substances List, Canadian Environmental Protection Act.
- 29 CFR Part 1910
- 40 CFR Parts 1-799
- 49 CFR Parts 1-199
- American Conference of Governmental Industrial Hygienists, Threshold Limit Values for Chemical Substances, 2000.
- Corrosion Data Survey, Sixth Edition, 1985, National Association of Corrosion Engineers.
- Fire Protection Guide to Hazardous Materials, (NFPA49, 325M, 491M, and 704), National Fire Protection Association, 10th Ed, 1991.
- TOMES Plus®, Vol 43, Jan 2000, Micromedex Inc.
- The Fertilizer Institute Product Testing Plan Results, March 2001

**OTHER SPECIAL  
CONSIDERATIONS**

Not applicable.

**FOR FURTHER SAFETY, HEALTH, OR  
ENVIRONMENTAL INFORMATION ON  
THIS PRODUCT, CONTACT**

**AGRIUM**  
Environment, Health and Safety Department  
Telephone (780) 998-6134 or Fax (780) 998-6143

**NOTICE TO READER**

*The buyer assumes all risk in connection with the use of this material. The buyer assumes all responsibility for ensuring this material is used in a safe manner in compliance with applicable environmental, health and safety laws, policies and guidelines. Agrium Inc. assumes no responsibility or liability for the information supplied on this sheet, including any damages or injury caused thereby. Agrium Inc. does not warrant the fitness of this material for any particular use and assumes no responsibility for injury or damage caused directly or indirectly by or related to the use of the material. The information contained in this sheet is developed from what Agrium Inc. believes to be accurate and reliable sources, and is based on the opinions and facts available on the date of preparation.*

**MATERIAL SAFETY DATA SHEET - Insect Sting Relief**

**PDI - PROFESSIONAL DISPOSABLES INTERNATIONAL**

**THE HEALTHCARE DIVISION OF NICE-PAK PRODUCTS, INC  
TWO NICE-PAK PARK  
ORANGEBURG NY 10962-1376  
845-365-1700**

REVISION DATE: 1/01

**I. PRODUCT IDENTIFICATION**

PRODUCT/TRADE NAME: INSECT STING RELIEF - B68789 B63695

HAZARD RATING (NFPA)

|               |      |
|---------------|------|
| HEALTH:       | 1    |
| FLAMMABILITY: | 3    |
| REACTIVITY:   | 0    |
| SPECIFIC:     | NONE |

EMERGENCY OR INFORMATION

TELEPHONE NO: 45-365-1700 (M-F DAYTIME) AT OTHER TIMES, CONTACT THE LOCAL POISON CONTROL CENTER

CHEMICAL NAME: PROPRIETARY MIXTURE

**II HAZARDOUS INGREDIENTS PER 29 CFR 1910.1200**

| Hazardous Ingredients | %  | ACGIH TLV       | CAS NUMBER |
|-----------------------|----|-----------------|------------|
| SD ALCOHOL 40         | 60 | 1000 PPM        | 64-17-5    |
| BENZOCAINE            | 6  | NOT ESTABLISHED | 94-09-7    |

**III PHYSICAL/CHEMICAL CHARACTERISTICS**

COLOR/ODOR/APPEARANCE: TOWELETTE/PAD SATURATED WITH CLEAR COLORLESS LIQUID WITH ALCOHOL ODOR

BOILING POINT: N/A

FLASH POINT: 82°F

VAPOR DENSITY: N/A

EVAPORATION RATE: N/A

SOLUBILITY IN WATER: COMPLETE

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 0.905

**IV FIRE & EXPLOSION HAZARD DATA**

FLASH POINT(Method Used): 82OF (CC) LEL: N/A UEL: N/A

EXTINGUISHING MEDIA: DRY CHEMICAL OR ALCOHOL TYPE FOAM: CARBON DIOXIDE

SPECIAL FIRE FIGHTING PROCEDURES: HANDLE AS FLAMMABLE LIQUID

UNUSUAL FIRE AND EXPLOSION HAZARDS: RESPIRATORY PROTECTION REQUIRED FOR FIRE FIGHTING PERSONNEL.

**V-REACTIVITY DATA**

STABILITY: STABLE

CONDITIONS TO AVOID: NONE KNOWN

INCOMPATIBILITY: NONE KNOWN

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NONE KNOWN

POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: NONE KNOWN

INSECT STING RELIEF

**VI-HEALTH HAZARD DATA**

EFFECTS OF OVER EXPOSURE

SKIN : TOPICALLY APPLIED

EYES : WILL STING IF SPLASHED IN EYES

INHALATION: NONE KNOWN

INGESTION: NONE

EMERGENCY AND FIRST AID PROCEDURES:

SKIN CONTACT: IF RASH OR IRRITATION DEVELOP, DISCONTINUE USE

EYE CONTACT: RINSE WITH COOL WATER

INHALATION: NONE

INGESTION: IF INGESTED, SEEK MEDICAL ATTENTION

TARGET ORGANS: NONE KNOWN

**VII-SPILL AND DISPOSAL PROCEDURE**

SPILL CONTROL: ELIMINATE ALL SOURCES OF IGNITION. ABSORB WITH ABSORBENT MATERIAL.

WASTE DISPOSAL METHOD: PER LOCAL, STATE AND FEDERAL REGULATIONS

HANDLING AND STORAGE: STORE IN TIGHTLY CLOSED CONTAINERS AWAY FROM HEAT AND SOURCES OF IGNITION.

**VIII-CONTROL MEASURES/PROTECTION**

RESPIRATION: NONE REQUIRED

VENTILATION: NONE REQUIRED

PROTECTIVE GLOVES: YES. FOR BULK LIQUID

EYE PROTECTION: YES. FOR BULK LIQUID

HYGIENIC PRACTICES: FOLLOW GOOD HOUSEKEEPING PRACTICES

OTHER: NONE

**IX TRANSPORT/SHIPPING**

DOT SHIPPING NAME: CONSUMER COMMODITY

TECHNICAL SHIPPING NAME: N/A

DOT SHIPPING CLASSIFICATION: "ORM-D"

DOT ID NO.:N/A

DOT LABEL REQUIREMENTS: N/A

UN/NA NUMBER REGULATIONS: N/A

REPORTABLE QUANTITY: N/A

**X DISCLAIMER**

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Manufacturer's Name:

ALTANA INC. - BYK PHARMACEUTICAL GROUP  
E. FOUGERA & COMPANY DIVISION  
PHARMADERM DIVISION  
SAVAGE LABORATORIES DIVISION

Street Address:

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City, State, Zip Code:

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Emergency Telephone No.:

(516) 454-7677 (Business Hours)

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MSDS: (516) 756-7017 CONNIE NE MSDS

#### SECTION 1: IDENTITY

Product Name: Bacitracin-Neomycin-Polymyxin Topical Ointment and Sterile Ophthalmic Ointment

Synonyms: "Triple" Antibiotic Ointment

CAS #: Not Applicable Chemical Family: Antibacterials In Petrolatum.

Formula: Less than 1% each of the antibacterials in petrolatum.

Ophthalmic ointment also contains mineral oil.

#### SECTION 2: SAFETY AND HAZARD RATINGS

Health (Acute-Chronic): 1-1

Flammability: 1

Reactivity: 0

Environment (Air-Water-Soil): 0-0-3

Special Hazards: None

Protective Equipment: General ventilation, eye and hand wash.

#### RATINGS

|          |   |
|----------|---|
| Minimal  | 0 |
| Slight   | 1 |
| Moderate | 2 |
| Severe   | 3 |
| Extreme  | 4 |

#### SECTION 3: EMERGENCY AND FIRST AID PROCEDURES

EYES: Flush eyes with copious amounts of water for at least 15 minutes.  
(Non-ophthalmic form only.)

SKIN: Wash with soap and water.

INGESTION: Induce vomiting. Do not give anything to an unconscious person.

CALL A PHYSICIAN  
CONTACT A POISON CONTROL CENTER

#### SECTION 4: HAZARDOUS INGREDIENTS

| NAME | CAS # | % | CARCINOGEN<br>IARC NTP OSHA | HAZARD DATA  |             |
|------|-------|---|-----------------------------|--------------|-------------|
|      |       |   |                             | ACGIH<br>TLV | OSHA<br>PEL |

This section is not applicable to the products:

Bacitracin-Neomycin-Polymyxin Topical Ointment and Sterile  
Ophthalmic Ointment

Product Name: Bacitracin-Neomycin-Polymyxin Topical Ointment and Sterile Ophthalmic Ointment

SECTION 5: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Closed Cup): 390°F, 199°C (97% Petrolatum Concentration)

Auto-ignition Temperature °F: Not Determined

Flammable Limits in Air by Volume LEL: Not Determined

UEL: Not Determined

Extinguishing Media: Alcohol foam, dry chemical and CO2.

Special Fire Fighting Procedures: Wear full protective clothing.

Unusual Fire and Explosion Hazards: May emit toxic fumes.

SECTION 6: REACTIVITY DATA (PHYSICAL HAZARDS)

Stability: ☒ Stable ☐ Unstable

Incompatibility (Material to Avoid): Extreme heat, sparks, open flame, oxidizers, strong acids and alkalies.

Hazardous Decomposition Products: May give off fumes of carbon monoxide and carbon dioxide.

Hazardous Polymerization: ☐ May Occur ☒ Should Not Occur

SECTION 7: HEALTH HAZARDS

Primary Route(s) of Entry: Dermal

Signs and Symptoms of Exposure

a. Overexposure Effects: Allergy, kidney and liver impairment, dizziness, incoordination, sensory loss, deafness, nausea, vomiting and diarrhea.

b. Chronic Effects: May cause allergic reactions in susceptible individuals.

1. Inhalation: Not likely due to the physical state of the product.

2. Eyes: Use only specified ophthalmic ointment in eyes. Topical ointment will cause eye irritation.

3. Skin: Non-toxic under standard application.

4. Ingestion: May cause kidney, liver and gastro-intestinal impairment; may induce dizziness, incoordination, sensory loss and deafness.

5. Medical Conditions Potentially Aggravated By: Susceptible individuals may have an allergic reaction.

Product Name: Bacitracin-Neomycin-Polymyxin Topical Ointment and Sterile Ophthalmic Ointment

**SECTION 8: SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

Precautions To Be Taken In Handling/Storage: Keep containers closed when not in use. Do not handle or store near heat, flame or oxidizers.

Hygienic Practices: Wash thoroughly after handling. Use normal hygiene to protect hands, eyes and skin. Use general ventilation to protect your lungs. Do not wear contaminated clothing until thoroughly laundered.

When Material Is Released Or Spilled: Assure slippery conditions are nullified. Add sand or dirt. Scoop up and remove. Dispose in accordance with federal, state and local regulations.

Waste Disposal Methods: Assure conformity with applicable disposal regulations. Dispose of absorbed material at approved incineration or chemical landfill waste disposal site.

**SECTION 9: SPECIAL PROTECTION INFORMATION**

Respiratory Protection: General ventilation.

Skin Protection: Normal hygiene.

Eye Protection: Normal hygiene.

Other Protective Clothing or Equipment: As needed to prevent repeated/prolonged contact.

**SECTION 10: CONTAINERS AND LABELING**

Special Precautions: Keep container closed. Store away from oxidizers and sources of heat and flame.

Recommended Container: As supplied (not sold in bulk quantity).

Protect The Container By: Avoiding physical damage and heat.

Container Should Be Handled In An Area With: Cool dry conditions.

The Empty Container Is: Not reusable.

Precautionary Label: No

Warning Placard: No

IMO Hazard Class#: Not applicable      UN/NA#: Not applicable

Hazard Classification: Not applicable

DOT Name: Not applicable

Shipping Instructions: Keep away from oxidizers and sources of heat.

Product Name: Bacitracin-Neomycin-Polymyxin Topical Ointment and Sterile Ophthalmic Ointment

SECTION 11: ENVIRONMENTAL RISKS

Aquatic Toxicity: Not indicated

Biodegradability: Not indicated

Partition Coefficient: Not indicated

SECTION 12: REGULATORY INFORMATION

Refer to the following references:

OSHA Regulations: If respirator used, 29 CFR 1900.134

DOT Regulations: Not Applicable

EPA Regulations: Not Applicable

Other: 21 CFR 330.5

SECTION 13: PHYSICAL DATA

Appearance and Odor: A pale, yellow ointment that is odorless.

Molecular Weight: Not Applicable

pH: Not Applicable

Refractive Index @ 20°C: Not Indicated

Viscosity CPS @ 25°C: Not Indicated

Boiling Point°F: 392

Boiling Point°C: 200

Freezing/Melting Point°F: 136

Freezing/Melting Point°C: 58

Congealing Point°F: Not Indicated

Congealing Point°C: Not Indicated

Vapor Pressure (mmHg @ 20°C): <1 mm

Vapor Density (Air=1): Not Indicated

Solubility In Water: Insoluble

Solubility In Alcohol: Practically insoluble

Solubility In Oil: Soluble

Solubility In Other: Most polar solvents

Specific Gravity (H<sub>2</sub>O = 1): 0.85 @ 60°C

% Volatile by Volume: 0

Evaporation Rate: 0.00 (ether reference)

Date of Preparation/Change: May 11, 1989

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This material safety data sheet was prepared for Altana Inc. by The Forum For Scientific Excellence, Inc., 200 Woodport Road, Sparta, New Jersey, 07871-2623. Phone (201) 729-4823.