



## SAFETY DATA SHEET

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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Product Identifier #015

Product Name Sterile Gel Soaked Burn Dressings

Product Use Burn First Aid Treatment

Manufacturer Water Jel Technologies LLC  
50 Broad Street  
Carlstadt, New Jersey 07072

Telephone 201-507-8300  
E-mail Address [www.waterjel.com](http://www.waterjel.com)  
Emergency Telephone 1-800-275-3433  
FAX Number 201-507-8325

Issue Date: 08-25-2015

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### SECTION 2: HAZARDS IDENTIFICATION

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#### Emergency Overview:

Sterile Gel Soaked Burn Dressings are non-woven substrates with a fluid viscous gel. This product is intended for first aid treatment of burns to ease pain and provide a barrier against contamination until medical assistance is provided. This product is regulated by the US FDA as a medical device. The SDS is for the gel only.

Consult the package for use directions and warnings information.

#### Warnings: For External Use Only.

When using this product, avoid contact with the eyes.

If swallowed, get medical help or contact a Poison Control Center immediately.

Physical Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.  
Health Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.  
Environmental Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.  
OSHA Defined Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.

#### Label Elements:

Hazard Symbol: None

Signal Word: None

Hazard Statement: The mixture does not meet the criteria for classification.

#### Precautionary Statement:

Prevention	None required according to OSHA Hazcom 2012.
Response	None required according to OSHA Hazcom 2012.
Storage	None required according to OSHA Hazcom 2012.
Disposal	None required according to OSHA Hazcom 2012.

#### Hazards not otherwise

Classified (HNOC): None known.

Supplemental Information: None.



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### Route of Entry:

**Skin Contact:** May cause irritation, redness, inflammation or dryness.  
**Skin Absorption:** No adverse conditions expected.  
**Eye Contact:** Flush eyes with clear running water for a minimum of 15 minutes; if irritation persists, seek medical attention.  
**Inhalation:** Unlikely route of exposure.  
**Ingestion:** May cause irritation of the digestive tract.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### Mixtures

Chemical Name	Common Name and Synonyms	CAS Number	%
Glycerin	1, 2, 3, Propanetriol	56-81-5	Proprietary
Propylene Glycol	1, 2, 3, Propanetriol 2-Hydroxypropanol	57-55-6	Proprietary

### SECTION 4: FIRST AID MEASURES

**Skin Contact:** Wash off with warm water and soap. Get medical attention if symptoms occur.  
**Skin Absorption:** No adverse conditions expected.  
**Eye Contact:** Flush eyes with clear running water for a minimum of 15 minutes; if irritation persists, seek medical attention.  
**Inhalation:** Unlikely route of exposure.  
**Ingestion:** May cause irritation of the digestive tract.

### SECTION 5: FIRE-FIGHTING MEASURES

**Flammable:** No  
**Means of Extinction:** Use extinguishing media appropriate for surrounding fire. Use water spray, foam or dry chemical.  
In fires involving large quantities of this product, the use of large streams of water should be avoided.  
Use self-contained breathing apparatus when fighting fires that involve this material.

**Flash Point and Method:** NA  
**Upper Flammable Limit (% by volume):** NA  
**Lower Flammable Limit (% by volume):** NA  
**Autoignition Temperature (°C):** NA  
**Explosion Data – Sensitivity to Impact:** No unusual fire or explosion hazards noted.  
**Explosion Data – Sensitivity to Static Discharge:** No unusual fire or explosion hazards noted.  
**Hazardous Combustion Products:** Carbon oxides. Nitrogen Oxides (NOx).

NFPA Health 1 Fire 0 Reactivity 0 Other NA



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### SECTION 6: ACCIDENTAL RELEASE MEASURES

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Personal precautions,  
Protective equipment and  
Emergency procedures: Wear appropriate personal protective equipment.

Methods and materials  
for containment  
and clean up: Absorb spill with vermiculite or other inert material, then place in a sealed container for  
chemical waste.

Large Spills: Flush with plenty of water. Prevent entry into waterways, sewer, basements or  
confined areas. Dike for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to  
remove residual contamination.

Environmental Precautions: Avoid discharge into drains and water sources.

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### SECTION 7: HANDLING AND STORAGE

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Handling Procedures and Equipment: Keep this and other chemicals out of the reach of children.

Storage Temperature: Do not store or mix with strong acids or oxidizers. Store at room  
temperature.

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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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Occupational Exposure Limits:

Components	ACGIH-TLVs	OSHA-PELs	NIOSH	Form
Glycerin (CAS 57-55-8)	NE	5 mg/m <sup>3</sup>		Aerosol
Propylene Glycol (CAS 57-55-6)	10 mg/m <sup>3</sup>	NE	NE	Aerosol

Biological Limit Values: No biological Exposure limits noted for the ingredients.

Ventilation and Engineering Controls: Ensure adequate ventilation.

Personal Protective Equipment: None required under normal conditions  
Hand Protection: None required under normal conditions.  
Eye and Face Protection: Eye protection, as necessary to prevent excessive contact.  
Skin Protection: None required under normal conditions.

General Hygiene Considerations: Practice safe work habits.  
Other Protective Equipment: Eye wash stations should be nearby and ready to use.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance: Gel.  
Physical State: Gel.  
Form: Gel.  
Color: Opaque, white.  
Odor: Medicinal scent.

pH: No information available.  
Boiling Point: 212°F  
Melting Point: No information available.  
Flash Point: N/A

Explosive Properties: No information available.  
Oxidizing Properties: No information available.  
Specific Gravity: 0.997  
Water Solubility: Soluble.  
Partition Coefficient: No information available.  
Viscosity: No information available.  
Vapor Pressure (mm Hg): No information available.  
Vapor Density (Air=1): No information available.  
Evaporation Rate: No information available.  
% Volatile: No information available.

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**SECTION 10: STABILITY AND REACTIVITY**

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Reactivity: The product is stable and non-reactive under normal conditions of use.  
Chemical Stability: Stable at normal conditions.  
Possibility of Hazardous Reactions: Hazardous polymerization does not occur.  
Conditions to Avoid: Extreme heat.  
Materials to Avoid: Strong oxidants and strong acids.  
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.  
Hazardous Polymerization: Will not occur.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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Symptoms of Overexposure by Route of Exposure:  
The health hazard information provided is for handling this product in an occupational setting.

Effects of Acute and Chronic Exposure:

**Acute:** The primary health effect that may be experienced in an occupational setting is mild irritation of contaminated skin. Accidental ingestion may be harmful. Although unlikely, irritation can irritate the respiratory system. Eye contact will cause irritation.

**Chronic:** NE

Target Organs: **Acute:** Occupational exposure: Skin, eyes.  
**Chronic:** Occupational exposure: Skin.

Inhalation:

Although unlikely due to form of product, vapors may slightly irritate the nose, throat and lungs. Symptoms are generally alleviated upon breathing fresh air.

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**Skin Contact:**

Skin contact may cause burning sensation, stinging, itching and tingling.

**Eye Contact:**

Eye contact can cause irritation, stinging, redness and tearing.

**Ingestion:**

Ingestion is not a significant route of occupational overexposure. Acute ingestion of large quantities of this product or chronic ingestion may cause adverse symptoms that may include nausea, vomiting and diarrhea.

**Irritancy of the Product:**

This product may cause mild to moderate irritation on damaged skin.

**Skin Sensitization:**

Not expected.

**Respiratory Sensitization:**

Not likely due to form of product.

**LD50/LC50:****Propylene Glycol (CAS 57-55-6)**

- Oral (rat): 2200mg/k
- Dermal: (rabbit) 20800 mg/k

**Glycerin (Mist):**

- Oral (rat): 12,600 mg/kg
- Subcutaneous (rat): Not Available

**Carcinogenicity:** Not classified as a human carcinogen by IARC or ACGIH.

**Reproductive Toxicity:**

**Mutagenic/Embryo Toxicity:** The components of this product are not reported to cause mutagenic or embryonic effects in humans.

**Teratogenicity:** Not available.

**Reproductive Toxicity:** Not available.

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**SECTION 12: ECOLOGICAL INFORMATION**

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No specific information is currently available on the effect of this product on plants or animals in the environment. The product may be harmful to contaminated terrestrial and aquatic plant life in large quantities. The following aquatic toxicity data currently available for components of this product:

**Propylene Glycol:**

EC50 Green Algae (*Desmodesmus subspicatus*) 19000 mg/l 96 hours

EC50 Water Flea (*Daphnia magna*) 43500 mg/l 48 hours

LC 50 Fathead Minnow (*Pimephales promelas*) 46500 mg/l 96 hours

**Environmental Exposure Controls:** Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways.

No component of this product is known to have ozone depletion potential.



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### SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Instructions: Collect or dispose in sealed containers at licensed waste disposal site.  
Dispose in accordance with local, state and federal regulations.

### SECTION 14: TRANSPORT INFORMATION

DOT Classification: Not regulated for Domestic Transport.  
IATA Classification: Not regulated for International Transport.  
IMDG Classification: Not regulated for International Water Transport.

### SECTION 15: REGULATORY INFORMATION

#### U.S. Federal Regulations:

TSCA (TOXIC SUBSTANCE CONTROL ACT): Not regulated.  
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not listed.  
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT) 304: Not regulated.  
SARA 311/312 HAZARD CATEGORIES: Not regulated.  
SARA 313 REPORTABLE INGREDIENTS: Not listed.

#### STATE REGULATIONS:

California Prop 65:  
This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

New Jersey RTK:  
Glycerin (CAS 56-81-5)  
Propylene Glycol (CAS 57-55-6)

Massachusetts RTK:  
Not Listed.

Pennsylvania RTK:  
Propylene Glycol (CAS 57-55-6)

#### INTERNATIONAL REGULATIONS:

Country or Region	Inventory Name	Listed
Australia	Australia Inventory of Chemical Substances	No
Canada	Domestic Substance List (DSL)	Yes
Canada	Non-Domestic Substance List (NDSL)	No
China:	Inventory of Existing Chemical Substances In China (IECSC)	Yes
Europe	European List of Notified Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substance Control Act (TSCA) Inventory	No



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**Note:** A "Yes" indicates that all components comply with the inventory requirements administered by the governing country.  
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country.

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### SECTION 16: OTHER INFORMATION

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**Issue Date:** 08-25-2015

**Version:** 02

**Disclaimer:**

The information provided in this Safety Data Sheet (SDS) is accurate to the best of our knowledge. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or processes.

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## SAFETY DATA SHEET

### SECTION 1: PRODUCT IDENTIFICATION

**PRODUCT:** BZK Prep Pads and Towelette

**Product Label Name:** BZK Prep Pads and Towelette

**Company Name and Address:** Dukal Corporation  
2 Fleetwood Court  
Ronkonkoma, NY 11779

**Emergency Telephone Number:** 631-656-3800

**Recommended use:** First Aid Antiseptic.

### SECTION 2: HAZARDOUS IDENTIFICATION

**Hazard Class/Category:** Eye Irritant – 2B  
Skin Irritant – 3

**Hazard Symbol:** No Symbol

**Signal Word:** Warning

**Hazard Statements:** Causes eye irritation (H320)  
Causes mild skin irritation (H316)

**Precautionary statements:**

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention. (P305+P351) (P337+P313)

**Skin:** If skin irritation occurs: Wash with plenty of soap and water. (P332+P352)

### SECTION 3: INFORMATION ON INGREDIENTS

Ingredient list	Cas #	%
Benzalkonium Chloride	8001-54-5	0.50%
Sodium bicarbonate	144-55-8	0.05%
Purified Water	7732-18-5	QS to 100

**SECTION 4: FIRST-AID MEASURES**

**First aid procedures**

<b>Inhalation:</b>	Not a normal route of exposure. May cause respiratory tract irritation.
<b>Ingestion</b>	Not a normal route of exposure. May cause stomach distress, nausea or vomiting.
<b>Target organs:</b>	Eyes. Skin.
<b>Chronic effects</b>	Prolonged or repeated exposure can cause drying, defatting and dermatitis.
<b>Signs and symptoms</b>	Symptoms may include redness, edema, drying, defatting and cracking of the skin.
<b>Overexposure:</b>	Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
<b>Eye contact:</b>	Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.
<b>Skin contact:</b>	In case of skin irritation, wash with plenty of soap and water. Discontinue use of product.
<b>Inhalation:</b>	Not a normal route of exposure. If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
<b>Ingestion:</b>	Not a normal route of exposure. Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.
<b>Note to Physician:</b>	Symptoms may be delayed.
<b>General Advice:</b>	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Keep out of reach of children. Avoid contact with eyes.



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### SECTION 5: FIRE-FIGHTING MEASURES

- Flammable properties** Not flammable by OSHA criteria
- Suitable extinguishing media** Treat for surrounding material.
- Specific hazards arising from the chemical:** Not available
- Protective equipment for firefighters** Firefighters should wear full protective clothing including self-contained breathing apparatus.
- Hazardous combustion products** May include and are not limited to: Oxides of carbon. Hydrogen chloride.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal precautions** Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
- Methods for containment** Prevent entry into waterways, sewers, basements or confined areas.
- Methods for cleaning up** Pick up and discard towel.

### SECTION 7: HANDLING AND STORAGE

- Handling** Use good industrial hygiene practices in handling this material.
- Storage** Keep out of reach of children. Store in a closed container away from incompatible materials.

### SECTION 8: EXPOSURE CONTROLS

- Engineering controls** General ventilation normally adequate.
- Personal protective equipment**
- Eye / face protection** Follow standard industrial hygiene practices.

OSHA Standard Format



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<b>Hand protection</b>	Not required.
<b>Skin and body protection</b>	As required by employer code.
<b>Respiratory protection</b>	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Liquid saturated on wipe
<b>Color</b>	Clear liquid
<b>Form</b>	Liquid saturated on wipe.
<b>Odor</b>	Characteristic
<b>Odor threshold</b>	Not available
<b>Physical state</b>	Solid
<b>pH</b>	Not available
<b>Melting point</b>	Not available
<b>Freezing point</b>	Not available
<b>Boiling point</b>	101.11 °C (214 °F)
<b>Flash point</b>	Not available
<b>Evaporation rate</b>	Not available
<b>Flammability limits in air, lower</b>	Not available
<b>Flammability limits in air, upper</b>	Not applicable
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	Not available
<b>Specific gravity</b>	Not available
<b>Octanol/water coefficient</b>	Not available
<b>Solubility (H<sub>2</sub>O)</b>	Not available
<b>Auto-ignition temperature</b>	Not available
<b>VOC (Weight %)</b>	Not available
<b>Viscosity</b>	Not available
<b>Percent volatile</b>	Not available

### SECTION 10: STABILITY AND REACTIVITY

<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Do not mix with other chemicals.
<b>Incompatible materials</b>	Caustics. Acids. Oxidizers.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon. Hydrogen chloride.

OSHA Standard Format



PASSION. PARTNERSHIP. POSSIBILITIES.

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**Possibility of hazardous reactions**      Hazardous polymerization does not occur.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### Effects of acute exposure

<b>Eye</b>	May cause irritation.
<b>Skin</b>	In case of skin irritation, discontinue use of the product.
<b>Inhalation</b>	Not a normal route of exposure. May cause respiratory tract irritation.
<b>Ingestion</b>	Not a normal route of exposure. May cause stomach distress, nausea or vomiting.
<b>Sensitization</b>	Non-hazardous by WHMIS/OSHA criteria.
<b>Chronic effects</b>	Non-hazardous by WHMIS/OSHA criteria.
<b>Carcinogenicity</b>	Non-hazardous by WHMIS/OSHA criteria.
<b>Mutagenicity</b>	Non-hazardous by WHMIS/OSHA criteria.
<b>Reproductive effects</b>	Non-hazardous by WHMIS/OSHA criteria.
<b>Teratogenicity</b>	Non-hazardous by WHMIS/OSHA criteria.

### SECTION 12: ECOLOGICAL INFORMATION

None available

### SECTION 13: DISPOSABLE INFORMATION

<b>Waste codes</b>	Not available
<b>Disposal instructions</b>	Discard after single use. Review federal, state/provincial, and local government requirements prior to disposal. Discard with solid waste. Dispose in accordance with all applicable regulations.
<b>Waste from residues / unused</b>	Not available
<b>Contaminated packaging</b>	Not available

### SECTION 14: TRANSPORTATION INFORMATION

<b>U.S. Department of Transportation</b>	Not regulated as dangerous goods.
<b>Transportation of Dangerous Goods</b>	Not regulated as dangerous goods.

### SECTION 15: REGULATORY INFORMATION

#### Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous No chemical



PASSION. PARTNERSHIP. POSSIBILITIES.

## SAFETY DATA SHEET

### SECTION 16: OTHER INFORMATION

**Issue Date:** 06-18-2014

**Revision Date:** 06-13-2016

#### Disclaimer:

The information provided in this SDS is correct and is to the best of our knowledge, at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

# SAFETY DATA SHEET

Issuing Date 05-June-2015

Revision Date 29-Jun-2015

Revision Number 2



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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

Product Name EYEWASH

### Other means of identification

Synonyms None

### Recommended use of the chemical and restrictions on use

Recommended Use Medicinal products

Uses advised against No information available

### Details of the supplier of the safety data sheet

Supplier Name NIAGARA PHARMACEUTICALS INC.

Supplier Address 60 INNOVATION DRIVE  
FLAMBOROUGH  
ON  
L9H7P3  
CA

Supplier Phone Number Phone:905-690-6277  
Fax:905-690-6281

Supplier Email rjames@niagarapharmaceuticals.com

### Emergency telephone number

Company Emergency Phone Number 905-708-7962

## 2. HAZARDS IDENTIFICATION

### Classification

The Eyewash is an approved drug by the FDA used for cleansing the eye to help irritation or burning by removing loose foreign material. This drug product is considered exempt from SDS by 2012 OSHA Hazard Communication Standard (29 CFR 1910.2100 (b) (6) (vii)).



**GHS Label elements, including precautionary statements****Precautionary Statements - Prevention**

For single use

**Precautionary Statements - Response**

If concerned get medical attention

**Precautionary Statements - Storage**

None

**Precautionary Statements - Disposal**

Dispose of contents/container in accordance with local regulations

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

0% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

No information available

**Interactions with Other Chemicals**

No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%	Trade Secret
Boric acid (H3BO3)	10043-35-3	1 - 5	*
Sodium borate	1330-43-4	0.1 - 1	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret

**4. FIRST AID MEASURES****First aid measures**

<b>Eye contact</b>	The product is for cleansing the eye to help relieve irritation or burning by removing loose foreign material.
<b>Skin contact</b>	None
<b>Inhalation</b>	None
<b>Ingestion</b>	Rinse mouth immediately and drink plenty of water. Never give anything by mouth





to an unconscious person.

**Most important symptoms and effects, both acute and delayed**

**Most Important Symptoms and Effects** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

None

**Unsuitable extinguishing media**

No information available

**Specific hazards arising from the chemical**

None

**Hazardous Combustion Products**

None

**Explosion Data**

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** No.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** None

**Environmental precautions**

**Environmental precautions** Refer to protective measures listed in Sections 7 and 8.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage.

**Methods for cleaning up** Soak up with absorbent material.



## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Handling** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage** Store as sealed bottle. Do not use if seal is missing or broken. For single use only.

**Incompatible Products** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Boric acid (H <sub>3</sub> BO <sub>3</sub> ) 10043-35-3	TWA: 2 mg/m <sup>3</sup> inhalable fraction STEL: 6 mg/m <sup>3</sup> inhalable fraction	-	
Sodium borate 1330-43-4	STEL: 6 mg/m <sup>3</sup> inhalable fraction TWA: 2 mg/m <sup>3</sup> inhalable fraction	(vacated) TWA: 10 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup>

*ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health*

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

### Appropriate engineering controls

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

### Individual protection measures, such as personal protective equipment

**Eye/face protection** No special protective equipment required.

**Skin and body protection** No special protective equipment required.

**Respiratory protection** No protective equipment is needed under normal use conditions..

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

Physical state	Liquid	Odor	Odorless
Appearance	Clear, colorless. No visual impurities	Odor Threshold	No information available
Color	No information available		

Property	Values	Remarks	Method
pH	7.4	None known	
Melting / freezing point	No data available	None known	
Boiling point / boiling range	No data available	None known	
Flash Point	No data available	None known	
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limit in Air			
Upper flammability limit	No data available		
Lower flammability limit	No data available		
Vapor pressure	No data available	None known	
Vapor density	No data available	None known	
Specific Gravity	1	None known	
Water Solubility	Completely soluble	None known	
Solubility in other solvents	No data available	None known	
Partition coefficient: n-octanol/water	No data available	None known	
Autoignition temperature	No data available	None known	
Decomposition temperature	No data available	None known	
Kinematic viscosity	No data available	None known	
Dynamic viscosity	No data available	None known	
Explosive properties	No data available	None known	
Oxidizing properties	No data available		

### Other Information

Softening Point	No data available
VOC Content (%)	No data available
Particle Size	No data available
Particle Size Distribution	

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Hazardous Polymerization

Hazardous polymerization does not occur.

### Conditions to avoid

None known based on information supplied.

### Incompatible materials

None known based on information supplied.

### Hazardous Decomposition Products

None known



## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

#### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Boric acid (H3BO3) 10043-35-3	= 2660 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 2.03 mg/L ( Rat ) 4 h
Sodium borate 1330 43-4	= 2403 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-

### Information on toxicological effects

**Symptoms** No information available.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Sensitization</b>	No information available.
<b>Mutagenic Effects</b>	No information available.
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Chronic Toxicity</b>	No known effect based on information supplied.
<b>Target Organ Effects</b>	No information available..
<b>Aspiration Hazard</b>	No information available.

### Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document  
Not applicable

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Boric acid (H <sub>3</sub> BO <sub>3</sub> ) 10043-35-3		72h LC50: = 1020 mg/L (Carassius auratus)		48h EC50: 115 - 153 mg/L
Sodium borate 1330-43-4	96h EC50: = 158 mg/L (Desmodesmus subspicatus) 96h EC50: 2.6 - 21.8 mg/L (Pseudokirchneriella subcapitata)	96h LC50: = 340 mg/L (Limanda limanda)		48h LC50: 1085 - 1402 mg/L

### Persistence and Degradability

No information available.

### Bioaccumulation

Chemical Name	Log Pow
Boric acid (H <sub>3</sub> BO <sub>3</sub> ) 10043-35-3	-0.757

### Other adverse effects

No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

#### Disposal methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

#### Contaminated Packaging

Dispose of contents/containers in accordance with local regulations.

California Hazardous Waste Codes 561

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Boric acid (H <sub>3</sub> BO <sub>3</sub> ) 10043-35-3	Toxic

## 14. TRANSPORT INFORMATION

DOT

Proper Shipping Name

NOT REGULATED  
NON REGULATED



<b>Hazard Class</b>	N/A
<b><u>TDG</u></b>	Not regulated
<b><u>MEX</u></b>	Not regulated
<b><u>ICAO</u></b>	Not regulated
<b><u>IATA</u></b>	Not regulated
<b>Proper Shipping Name</b>	NON REGULATED
<b>Hazard Class</b>	N/A
<b><u>IMDG/IMO</u></b>	Not regulated
<b>Hazard Class</b>	N/A
<b><u>RID</u></b>	Not regulated
<b><u>ADR</u></b>	Not regulated
<b><u>ADN</u></b>	Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

TSCA	Complies
DSL	All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

#### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### US State Regulations

#### California Proposition 65



This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Sodium borate 1330-43-4		X	X		

**International Regulations**

Component	Carcinogen Status	Exposure Limits
Sodium borate 1330-43-4 (0.1 - 1)		Mexico: TWA 1 mg/m <sup>3</sup>

**Canada**

**WHMIS Hazard Class**

Not determined

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards</b> 0	<b>Flammability</b> 0	<b>Instability</b> 0	<b>Physical and Chemical Hazards - Personal Protection</b> X
<b>HMIS</b>	<b>Health Hazards</b> 0	<b>Flammability</b> 0	<b>Physical Hazard</b> 0	

**Prepared By**

Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

**Revision Date**

29-Jun-2015

**Revision Note**

No information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**



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## SAFETY DATA SHEET

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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Product Identifier #007

Product Name First Aid Burn Cream

Product Use Topical Antiseptic and Analgesic Skin Cream

Manufacturer Water Jel Technologies LLC  
50 Broad Street  
Carlstadt, New Jersey 07072

Telephone 201-507-8300

E-mail Address [www.waterjel.com](http://www.waterjel.com)

Emergency Telephone 1-800-275-3433

FAX Number 201-507-8325

Issue Date: 08-25-2015

### SECTION 2: HAZARDS IDENTIFICATION

---

#### Emergency Overview:

This product is regulated by the US FDA as an over-the-counter, monograph drug.

For Consumers, consult the Drug Facts on the package for use directions and warnings information.

#### Warnings: For External Use Only.

When using this product, avoid contact with the eyes.

Do not use on large areas of the body or on broken, blistered or oozing skin.

Stop use and ask a doctor if condition worsens or symptoms persist for more than 7 days.

If swallowed, get medical help or contact a Poison Control Center immediately.

Physical Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.  
Health Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.  
Environmental Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.  
OSHA Defined Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.

#### Label Elements:

Hazard Symbol: None

Signal Word: None

Hazard Statement: The mixture does not meet the criteria for classification.

#### Precautionary Statement:

Prevention None required according to OSHA Hazcom 2012.  
Response None required according to OSHA Hazcom 2012.  
Storage None required according to OSHA Hazcom 2012.  
Disposal None required according to OSHA Hazcom 2012.

#### Hazards not otherwise

Classified (HNOC): None known.

Supplemental Information: None.



## SAFETY DATA SHEET

### Route of Entry:

**Skin Contact:** May cause irritation, redness, inflammation or dryness.  
**Skin Absorption:** No adverse conditions expected.  
**Eye Contact:** Flush eyes with clear running water for a minimum of 15 minutes; if irritation persists, seek medical attention.  
**Inhalation:** Not expected due to form.  
**Ingestion:** May cause irritation of the digestive tract.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### Mixtures

Chemical Name	Common Name and Synonyms	CAS Number	%
Benzalkonium Chloride		63449-41-2	0.13
Lidocaine HCl		6108-05-0	0.5
Glycerin	1, 2, 3, Propanetriol	56-81-5	Proprietary
Triethanolamine	Trolamine	102-71-6	Proprietary
Propylene Glycol	1, 2, 3, Propanetriol 2-Hydroxypropanol	57-55-6	Proprietary

### SECTION 4: FIRST AID MEASURES

**Skin Contact:** Wash off with warm water and soap. Get medical attention if symptoms occur.  
**Skin Absorption:** No adverse conditions expected.  
**Eye Contact:** Flush eyes with clear running water for a minimum of 15 minutes; if irritation persists, seek medical attention.  
**Inhalation:** Remove victim to fresh air.  
**Ingestion:** May cause irritation of the digestive tract.

### SECTION 5: FIRE-FIGHTING MEASURES

**Flammable:** No  
**Means of Extinction:** Use extinguishing media appropriate for surrounding fire. Use water spray, foam or dry chemical.  
In fires involving large quantities of this product, the use of large streams of water should be avoided.  
Use self-contained breathing apparatus when fighting fires that involve this material.  
**Flash Point and Method:** NA  
**Upper Flammable Limit (% by volume):** NA  
**Lower Flammable Limit (% by volume):** NA  
**Autoignition Temperature (°C):** NA  
**Explosion Data – Sensitivity to Impact:** No unusual fire or explosion hazards noted.  
**Explosion Data – Sensitivity to Static Discharge:** No unusual fire or explosion hazards noted.  
**Hazardous Combustion Products:** Carbon oxides. Nitrogen Oxides (NOx).

**NFPA**    Health 1                      Fire 0                      Reactivity 0                      Other NA

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**SAFETY DATA SHEET**

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**Personal precautions,  
Protective equipment and  
Emergency procedures:**      **Wear appropriate personal protective equipment.**

**Methods and materials  
for containment  
and clean up:**      **Absorb spill with vermiculite or other inert material, then place in a sealed container for  
chemical waste.**

**Large Spills:** Flush with plenty of water. Prevent entry into waterways, sewer, basements or  
confined areas. Dike for later disposal.

**Small Spills:** Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to  
remove residual contamination.

**Environmental Precautions:**      **Avoid discharge into drains and water sources.**

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**SECTION 7: HANDLING AND STORAGE**

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**Handling Procedures and Equipment:**      **Keep this and other chemicals out of the reach of children.**

**Storage Temperature:**      **Do not store or mix with strong acids or oxidizers. Store at room  
temperature.**

---

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

---

**Occupational Exposure Limits:**

<b>Components</b>	<b>ACGIH-TLVs</b>	<b>OSHA-PELs</b>	<b>NIOSH</b>	<b>Form</b>
Glycerin (CAS 57-55-8)	NE	5 mg/m3		Aerosol
Propylene Glycol (CAS 57-55-6)	10 mg/m3	NE	NE	Aerosol
Triethanolamine (CAS 102-71-6)	5 mg/m3	NE	NE	Aerosol

**Biological Limit Values:**      **No biological Exposure limits noted for the ingredients.**

**Ventilation and Engineering Controls:**      **Ensure adequate ventilation.**

**Personal Protective Equipment:**      **None required under normal conditions**  
**Hand Protection:**      **None required under normal conditions.**  
**Eye and Face Protection:**      **Eye protection, as necessary to prevent excessive contact.**  
**Skin Protection:**      **None required under normal conditions.**

**General Hygiene Considerations:**      **Practice safe work habits.**  
**Other Protective Equipment:**      **Eye wash stations should be nearby and ready to use.**

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**SAFETY DATA SHEET**

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

---

Appearance: Cream.  
Physical State: Cream.  
Form: Cream.  
Color: White, homogeneous.  
Odor: Slightly fatty odor.

pH: No information available.  
Boiling Point: 275°F  
Melting Point: No information available.  
Flash Point: N/A  
Explosive Properties: No information available.  
Oxidizing Properties: No information available.  
Specific Gravity: 0.81  
Water Solubility: Miscible.  
Partition Coefficient: No information available.  
Viscosity: No information available.  
Vapor Pressure (mm Hg): No information available.  
Vapor Density (Air=1): No information available.  
Evaporation Rate: No information available.  
% Volatile: No information available.

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**SECTION 10: STABILITY AND REACTIVITY**

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Reactivity: The product is stable and non-reactive under normal conditions of use.  
Chemical Stability: Stable at normal conditions.  
Possibility of Hazardous Reactions: Hazardous polymerization does not occur.  
Conditions to Avoid: Extreme heat.  
Materials to Avoid: Strong oxidants and strong acids.  
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.  
Hazardous Polymerization: Will not occur.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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Symptoms of Overexposure by Route of Exposure:  
The health hazard information provided is for handling this product in an occupational setting.

Effects of Acute and Chronic Exposure:

**Acute:** The primary health effect that may be experienced in an occupational setting is mild irritation of contaminated skin. Accidental ingestion may be harmful. Although unlikely, irritation can irritate the respiratory system. Eye contact will cause irritation.

**Chronic:** NE

Target Organs: **Acute:** Occupational exposure: Skin, eyes.  
**Chronic:** Occupational exposure: Skin.

Inhalation:  
Mist may slightly irritate the nose, throat and lungs. Symptoms are generally alleviated upon breathing fresh air.



## SAFETY DATA SHEET

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**Skin Contact:**

Skin contact may cause burning sensation, stinging, itching and tingling.

**Eye Contact:**

Eye contact can cause irritation, stinging, redness and tearing.

**Ingestion:**

Ingestion is not a significant route of occupational overexposure. Acute ingestion of large quantities of this product or chronic ingestion may cause adverse symptoms that may include nausea, vomiting and diarrhea.

**Irritancy of the Product:**

This product may cause mild to moderate irritation on damaged skin.

**Skin Sensitization:**

Not expected.

**Respiratory Sensitization:**

Not expected.

**LD50/LC50:**

**Propylene Glycol (CAS 57-55-6)**

- Oral (rat): 2200mg/k
- Dermal: (rabbit) 20800 mg/k

**Triethanolamine:**

- Oral (rat): 6110 mg/kg
- Dermal: (rabbit): >19870 mg/k

**Glycerin (Mist):**

- Oral (rat): 12,600 mg/kg
- Subcutaneous (rat): Not Available

**Carcinogenicity:** Not classified as a human carcinogen by IARC or ACGIH.

**Reproductive Toxicity:**

**Mutagenic/Embryo Toxicity:** The components of this product are not reported to cause mutagenic or embryonic effects in humans.

**Teratogenicity:** Not available.

**Reproductive Toxicity:** Not available.

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### SECTION 12: ECOLOGICAL INFORMATION

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No specific information is currently available on the effect of this product on plants or animals in the environment. The product may be harmful to contaminated terrestrial and aquatic plant life in large quantities. The following aquatic toxicity data currently available for components of this product:

**Propylene Glycol:**

EC50 Green Algae (*Desmodesmus subspicatus*) 19000 mg/l 96 hours

EC50 Water Flea (*Daphnia magna*) 43500 mg/l 48 hours

LC 50 Fathead Minnow (*Pimephales promelas*) 46500 mg/l 96 hours



## SAFETY DATA SHEET

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### Triethanolamine:

EC50 Green Algae (*Desmodesmus subspicatus*) 512 mg/l 72 hours  
NOEC Water Flea (*Daphnia magna*) 16 mg/l 21 days  
LC 50 Fathead Minnow (*Pimephales promelas*) 11800 mg/l 96 hours

Environmental Exposure Controls: Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways.

No component of this product is known to have ozone depletion potential.

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### SECTION 13: DISPOSAL CONSIDERATIONS

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Disposal Instructions: Collect or dispose in sealed containers at licensed waste disposal site.  
Dispose in accordance with local, state and federal regulations.

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### SECTION 14: TRANSPORT INFORMATION

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DOT Classification: Not regulated for Domestic Transport.  
IATA Classification: Not regulated for International Transport.  
IMDG Classification: Not regulated for International Water Transport.

---

### SECTION 15: REGULATORY INFORMATION

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#### U.S. Federal Regulations:

TSCA (TOXIC SUBSTANCE CONTROL ACT): Not regulated.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not listed.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT) 304: Not regulated.

SARA 311/312 HAZARD CATEGORIES: Not regulated.

SARA 313 REPORTABLE INGREDIENTS: Not listed.

#### STATE REGULATIONS:

##### California Prop 65:

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

##### New Jersey RTK:

Glycerin (CAS 56-81-5)  
Propylene Glycol (CAS 57-55-6)  
Triethanolamine (CAS 102-71-6)

##### Massachusetts RTK:

Triethanolamine (CAS 102-71-6)

##### Pennsylvania RTK:

Propylene Glycol (CAS 57-55-6)  
Triethanolamine (CAS 102-71-6)

## SAFETY DATA SHEET

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### INTERNATIONAL REGULATIONS:

<u>Country or Region</u>	<u>Inventory Name</u>	<u>Listed</u>
Australia	Australia Inventory of Chemical Substances	No
Canada	Domestic Substance List (DSL)	Yes
Canada	Non-Domestic Substance List (NDSL)	No
China:	Inventory of Existing Chemical Substances In China (IECSC)	Yes
Europe	European List of Notified Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substance Control Act (TSCA) Inventory	No

Note: A "Yes" indicates that all components comply with the inventory requirements administered by the governing country.  
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country.

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### SECTION 16: OTHER INFORMATION

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Issue Date: 08-25-2015

Version: 02

#### Disclaimer:

The information provided in this Safety Data Sheet (SDS) is accurate to the best of our knowledge. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or processes.

**SECTION 1: PRODUCT IDENTIFICATION**

**Product:** Hand Sanitizer

**Product Name:** Germ-X Hand Sanitizer (w/o IPA)

**Supplier Name and Address:** Dukal Corporation  
2 Fleetwood Court  
Ronkonkoma, NY 11779

**Emergency Telephone Number:** 631-656-3800

**SECTION 2: HAZARDOUS IDENTIFICATION**

**Hazard Class/Category:** Flammable Liquid – 3  
Eye Irritation – 2B

**Hazard Symbol:**



**Signal Word:** Warning

**Hazard Statements:** Flammable liquid and vapor. (H226)  
Causes eye irritation. (H320)

**Precautionary statements:**

**General:** Use explosion-proof electrical/ventilating/lighting/equipment. Wash skin thoroughly after handling. Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. (P241) (P280) (P210) (P233) (P240) (P242) (P243) (P403) (P235)

**Inhalation:** IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. (P304+P341)

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention. (P305+P338) (P337+P313)

**Storage:** Store in a dry place. Keep cool.





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## SAFETY DATA SHEET

### SECTION 3: INFORMATION ON INGREDIENTS

Component Name	CAS #	Concentration
Ethyl Alcohol 63%	64-17-5	50-100
Acrylates/C10-13 Alkyl Acrylates Crosspolymer	Proprietary	0-10
Benzophenone-4	4065-45-6	0-10
Fragrance	Proprietary	0-10
Glycerin	56-81-5	0-10
Tocopheryl	7695-91-2	0-10
Water	7732-18-5	10-50

### SECTION 4: FIRST-AID MEASURES

<b>General Advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. If symptoms persist, call a physician.
<b>Skin Contact</b>	In the case of skin irritation or allergic reactions see a physician.
<b>Inhalation</b>	Move to fresh air. Get medical attention immediately if symptoms occur. If breathing has stopped, contact emergency medical services immediately and give artificial respiration.
<b>Ingestion</b>	Do NOT induce vomiting. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician if necessary.
<b>Important Symptoms/Effects</b>	Burning sensation. Itching. Rashes. Hives. Coughing and/or wheezing. May cause breathing difficulties if inhaled. Indication of any immediate medical attention and special treatment needed. Notes to Physician: Treat symptomatically.

### SECTION 5: FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol resistant foam.

#### Unsuitable Extinguishing Media

CAUTION: Use of water spray when fighting fire may be inefficient.

#### Specific Hazards Arising from the Chemical

Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Vapors may form explosive mixtures with air. Most vapors are heavier than air.



## SAFETY DATA SHEET

They will spread along ground and collect in low or confined areas (sewers, basements, tanks).

**Uniform Fire Code** Flammable Liquid: I-C

**Hazardous Combustion Products** Carbon oxides.

### Explosion Data

<b>Sensitivity to Mechanical Impact</b>	No
<b>Sensitivity to Static Discharge</b>	Yes

### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions** Avoid contact with eyes and clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. See section 8 for more information. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

**Other Information** Refer to protective measures listed in Sections 7 and 8. Ventilate the area.

**Environmental Precautions** Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways.

**Methods for Cleaning Up** Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## SECTION 7: HANDLING AND STORAGE

**Handling:** Handle in accordance with good industrial hygiene and safety practice. Avoid contact eyes and clothing. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment

**Storage:** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations



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## SAFETY DATA SHEET

### SECTION 8: EXPOSURE CONTROLS

**Product:** None

**Individual Ingredients:**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethyl Alcohol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	IDLH: 3300 ppm 10% LEL TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup> mist	TWA: 15 mg/m <sup>3</sup> mist, total particulate TWA: 5 mg/m <sup>3</sup> mist, respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> mist, total particulate (vacated) TWA: 5 mg/m <sup>3</sup> mist, respirable fraction	

*ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health*

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters

**Engineering Measures** Showers, Eyewash stations, Ventilation systems

**Personal protection measures:**

**Eye/face protection** Tight sealing safety goggles.

**Skin and Body Protection** Wear protective gloves/clothing. Long sleeved clothing. Impervious gloves.

**Respiratory Protection** No protective equipment is needed under normal use conditions. If irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice. Remove and wash

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical and Chemical Properties**

**Physical State** Viscous Liquid  
**Odor** Alcohol  
**Appearance** Clear to slightly hazy, Colorless, Viscous liquid

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
pH	7.0	None known
Flash Point	23°C / 73°F	None known
Specific Gravity	0.90	None known
Water Solubility	Miscible with water	None known



## SAFETY DATA SHEET

### SECTION 10: STABILITY AND REACTIVITY

#### When used in accordance with the directions:

##### Reactivity

No data available.

##### Chemical stability

Stable under recommended storage conditions.

##### Possibility of Hazardous Reactions

None under normal processing.

##### Hazardous Polymerization

Hazardous polymerization does not occur.

##### Conditions to avoid

Heat, flames and sparks.

##### Incompatible materials

None known based on information supplied.

##### Hazardous Decomposition Products

Carbon oxides.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### FOR INDUSTRIAL SETTING:

**Product Data:** None

Toxicological hazards of individual ingredients:

#### Information on likely routes of exposure

##### Product Information

##### Inhalation

May cause irritation of respiratory tract.

##### Eye Contact

Irritating to eyes. May cause redness, itching, and pain.

##### Skin Contact

Prolonged contact may cause redness and irritation.

##### Ingestion

Ingestion may cause irritation to mucous membranes.

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

##### Component Information

No information available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethyl Alcohol 64-17-5	-	-	= 124.7 mg/L (Rat) 4 h
Glycerin 56-81-5	-	> 10 g/kg (Rabbit)	-

#### Information on toxicological effects

**Symptoms** Redness of the skin. May cause redness and tearing of the eyes. Itching. Rashes. Hives.



PASSION. PARTNERSHIP. POSSIBILITIES.

# SAFETY DATA SHEET

Coughing and/ or wheezing. Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization** No information available.

**Mutagenic Effects** No information available.

**Carcinogenicity** N/A

**Reproductive Toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Chronic Toxicity** No information available.

**Target Organ Effects** Eyes. Skin.

**Aspiration Hazard** No information available.

### Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix** (inhalation-dust/mist)

208.10 mg/l

## SECTION 12: ECOLOGICAL INFORMATION

There is no ecological data on the Product. The Product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

**Ecotoxicity** No information available.

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

**Other Adverse Effects** No information available.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Methods** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging** Dispose of in accordance with local regulations.

**US EPA Waste Number** D001

**California Hazardous Waste Codes** 331

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Ethyl Alcohol (64-17-5)	Toxic Ignitable



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### SECTION 14: TRANSPORTATION INFORMATION

#### DOT

Proper Shipping Name CONSUMER COMMODITY  
Hazard Class ORM-D\*  
Description CONSUMER COMMODITY, ORM-D  
Emergency Response Guide Number 127

#### TDG

UN-No. UN1170  
Proper Shipping Name ETHANOL  
Hazard Class 3  
Packing Group III  
Description UN1170, ETHANOL, 3, III

#### MEX

UN-No. UN1170  
Proper Shipping Name ETHANOL  
Hazard Class 3  
Packing Group III  
Description UN1170, ETHANOL, 3, III

#### ICAO

UN-No. UN1170  
Proper Shipping Name ETHANOL  
Hazard Class 3  
Packing Group III  
Description UN1170, ETHANOL, 3, III

#### IATA

UN-No. UN1170  
Proper Shipping Name ETHANOL  
Hazard Class 3  
Packing Group III  
Description UN1170, ETHANOL, 3, III

#### IMDG/IMO

UN-No. UN1170  
Proper Shipping Name ETHANOL  
Hazard Class 3  
Packing Group III  
EmS No. F-E, S-D  
Description UN1170, ETHANOL, 3, III, (23°C C.C.)

#### RID

UN-No. UN1170  
Proper Shipping Name ETHANOL SOLUTION  
Hazard Class 3  
Packing Group III  
Classification code F1

OSHA Standard Format



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## SAFETY DATA SHEET

<b>Description</b>	UN1170, ETHANOL SOLUTION, 3, III
<b><u>ADR</u></b>	
<b>UN-No.</b>	UN1170
<b>Proper Shipping Name</b>	ETHANOL SOLUTION
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Classification code</b>	F1
<b>Tunnel restriction code</b>	(D/E)
<b>Description</b>	UN1170, ETHANOL SOLUTION, 3, III
<b><u>ADN</u></b>	
<b>UN-No.</b>	UN1170
<b>Proper Shipping Name</b>	ETHANOL SOLUTION
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Classification code</b>	F1
<b>Special Provisions</b>	144, 601
<b>Description</b>	UN1170, ETHANOL SOLUTION, 3, III
<b>Limited Quantity</b>	5 L
<b>Ventilation</b>	VE01

**DOT Ground ORM-D:** ORM-D Exemption:

Consumer Commodity, ORM-D (Other Regulated Material – Domestic).

“ORM-D, Consumer Commodity” label for domestic ground shipping in consumer packaging only. Suitable ORM-D labelling for air and vessel shipments requires additional labelling and Shipping Papers, in accordance with DOT CFR 172.

“Limited Quantity” marking required on each package for ground shipping of limited quantities without Shipping Papers, as defined in DOT CFR 172.101.

### SECTION 15: REGULATORY INFORMATION

#### International Inventories

TSCA Exempt

DSL All components are listed either on the DSL or NDSL.

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

#### U.S. Federal Regulations

##### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.



PASSION. PARTNERSHIP. POSSIBILITIES.

# SAFETY DATA SHEET

### SARA 311/312 Hazard Categories

**Acute Health Hazard** No  
**Chronic Health Hazard** No  
**Fire Hazard** Yes  
**Sudden Release of Pressure Hazard** No  
**Reactive Hazard** No

### Clean Water Act (CWA)

This product does not contain any substances regulated as pollutants pursuant to the CWA (40 CFR 122.21 and 40 CFR 122.42).

### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

### U.S. State Regulations

#### California Proposition 65 - NONE

This product does not contain any Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode	Illinois
Ethyl Alcohol 64-17-5		X			
Glycerin 56-81-5	X	X	X	X	

### International Regulations

#### Mexico

#### National occupational exposure limits

#### Mexico

#### National occupational

Component	Carcino	Exposure Limits
Ethyl Alcohol 64-17-5		Mexico: TWA 1000 ppm Mexico: TWA 1900 mg/m <sup>3</sup>
Glycerin 56-81-5	-	10mg/m <sup>3</sup> (mist) TWA

#### Canada

#### WHMIS Hazard Class

B2







PASSION. PARTNERSHIP. POSSIBILITIES.

## SAFETY DATA SHEET

### SECTION 16: OTHER INFORMATION

**Issue Date:** 03-26-14  
**Revision Date:** 06-13-16

#### Disclaimer:

The information provided in this SDS is correct and is to the best of our knowledge, at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

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# SAFETY DATA SHEET

## SECTION 1: PRODUCT IDENTIFICATION

**PRODUCT:** Urea Cold Pack  
**Product Label Name:** Urea Cold Pack

**Company Name and Address:** Dukal Corporation  
2 Fleetwood Court  
Ronkonkoma, NY 11779

**Emergency Telephone Number:** 631-656-3800

**Recommended use:**

## SECTION 2: HAZARDOUS IDENTIFICATION

**Hazard Class/Category:** Acute Toxicity Cat. 5  
Eye Irritant Cat. 2A  
Skin Irritant Cat. 3

**Hazard Symbol:** No Symbol

**Signal Word, Cautions or Precautionary statements:** WARNING. May be harmful if swallowed or inhaled. Causes eye irritation. Causes skin irritation. Causes respiratory irritation. IF SWALLOWED: Call a POISON CENTER or doctor/physician. Induce vomiting as directed. IF IN EYES: Rinse cautiously with water for at least 15 minutes. Get medical advice/attention. IF ON SKIN: Rinse cautiously with water for several minutes. Take off contaminated clothing and wash before reuse.

### Additional Label Precautions:

Avoid breathing dust.  
Keep container closed.  
Avoid contact with eyes, skin and clothing.  
Use only with adequate ventilation.  
If breathing is difficult, give oxygen. In any case, get medical attention.

**Product Use:** Laboratory Reagent.

**Synonyms:** Carbamide resin; Isourea; Carbonyl diamide; Carbonyldiamine  
**CAS No.:** 57-13-6  
**Molecular Weight:** 60.06

**Eye:** Eye irritant. Contact may cause stinging, watering, redness, and swelling.

**Skin:** Skin irritant. Contact may cause redness, itching, burning and skin damage. No harmful effects from skin absorption have been reported.

**Inhalation (Breathing):** Low to moderate degree of toxicity by inhalation.

**Ingestion (Swallowing):** Low to moderate degree of toxicity by ingestion.

**Signs and Symptoms:** Effects of overexposure may include irritation of the nose, throat and digestive tract; coughing, nausea, vomiting, diarrhea, abdominal pain, breathing difficulties, and blood disorders (methemoglobinemia).



# SAFETY DATA SHEET

**Cancer:** No data available.  
**Target Organs:** No data available.  
**Developmental:** Inadequate data available for this material.  
**Other Comments:** This material contains nitrate salts. Nitrates may be reduced by intestinal bacteria to nitrite. When absorbed, nitrites may result in effects on the blood (methemoglobinemia) and blood vessels (vasodilating and a fall in blood pressure). Symptoms of toxicity may include headache, fainting, fatigue, cyanosis, confusion, irregular heartbeats, and possible respiratory paralysis. Pre-existing heart disease may be aggravated by exposure to nitrates.

**Pre-Existing Medical Conditions:** Conditions aggravated by exposure may include heart, blood vessel and skin disorders.

## SECTION 3: INFORMATION ON INGREDIENTS

Ingredient	CAS No	Percent	Hazardous
Urea	57-13-6	50%	Yes
Water	7732-18-5	50%	No

## SECTION 4: FIRST-AID MEASURES

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Skin contact:** Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if symptoms occur

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

**Ingestion:** Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

## SECTION 5: FIRE-FIGHTING MEASURES

**Fire:** Not considered to be a fire hazard.

**Explosion:** Reactions with incompatibles may pose an explosion hazard.

**Fire Extinguishing Media:** Use any means suitable for extinguishing surrounding fire.

**Special Information:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.



## SECTION 6: ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

## SECTION 7: HANDLING AND STORAGE

To preserve product integrity, store at 25C, excursions permitted between 15C and 30C. Store in a tightly closed container. Protect container from physical damage. Isolate from incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

## SECTION 8: EXPOSURE CONTROLS

### Airborne Exposure Limits:

#### For Urea:

#### AIHA Workplace Environmental Exposure Limit (WEEL):

10 mg/m<sup>3</sup>, 8-hour TWA

#### Ventilation System:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

#### Personal Respirators (NIOSH Approved):

If the exposure limit is exceeded and engineering controls are not feasible, a half facepiece particulate respirator (NIOSH type N95 or better filters) may be worn for up to ten times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest.. A full-face piece particulate respirator (NIOSH type N100 filters) may be worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency, or respirator supplier, whichever is lowest. If oil particles (e.g. lubricants, cutting fluids, glycerine, etc.) are present, use a NIOSH type R or P filter. For emergencies or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator.

### WARNING:

Air-purifying respirators do not protect workers in oxygen-deficient atmospheres. If heat is involved, an ammonia/methylamine, dust/mist cartridge may be necessary.

### Skin Protection:

Wear protective gloves and clean body-covering clothing.

### Eye Protection:

Use chemical safety goggles and/or full face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.



## SAFETY DATA SHEET

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	White crystals or white powder.
<b>Odor:</b>	Develops odor of ammonia.
<b>Solubility:</b>	Very soluble in water.
<b>Specific Gravity:</b>	1.32 @ 20C/4C
<b>pH:</b>	7.2 (10% in water)
<b>% Volatiles by volume @ 21C (70F):</b>	0
<b>Boiling Point:</b>	Decomposes.
<b>Melting Point:</b>	132 - 135C (270 - 275F)
<b>Vapor Density (Air=1):</b>	No information found.
<b>Vapor Pressure (mm Hg):</b>	No information found.
<b>Evaporation Rate (BuAc=1):</b>	No information found.

### SECTION 10: STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under ordinary conditions of use and storage.
<b>Hazardous Decomposition Products:</b>	Urea decomposes upon heating and can form products including ammonia, oxides of nitrogen, cyanuric acid, cyanic acid, biuret, carbon dioxide.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Incompatibilities:</b>	Urea reacts with calcium hypochlorite or sodium hypochlorite to form the explosive nitrogen trichloride. It is incompatible with sodium nitrite, gallium perchlorate, strong oxidizing agents (permanganate, dichromate, nitrate, chlorine), phosphorus pentachloride, nitrosyl perchlorate, titanium tetrachloride and chromyl chloride.
<b>Conditions to Avoid:</b>	Incompatibles.

### SECTION 11: TOXICOLOGICAL INFORMATION

Urea (100%): Oral rat LD50: 8471 mg/kg. Investigated as a tumorigen, mutagen, and reproductive effector.

### Section 12: ECOLOGICAL INFORMATION

<b>Environmental Fate:</b>	When released to soil, this material will hydrolyze into ammonium in a matter of days to several weeks. When released into the soil, this material may leach into groundwater. When released into water, this material may biodegrade to a moderate extent. When released into water, this material is not expected to evaporate significantly. This material has an experimentally-determined bioconcentration factor (BCF) of less than 100. This material is not expected to significantly bioaccumulate. When released into the air, this material is expected to be readily degraded by reaction with photochemically produced hydroxyl radicals. When released into the air, this material is expected to have a half-life of less than 1 day.
<b>Environmental Toxicity:</b>	No information found.



# SAFETY DATA SHEET

## Section 13: DISPOSABLE CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

## Section 14: TRANSPORTATION INFORMATION

Hazard Class or Division: Not classified as hazardous.

## Section 15: REGULATORY INFORMATION

N/A

## SECTION 16: OTHER INFORMATION

Issue Date: 09-15-2014  
Revision Date: 12-7-2015

## Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.



## SAFETY DATA SHEET

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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Product Identifier #014

Product Name Triple Antibiotic Ointment

Product Use Topical Antibiotic Ointment

Manufacturer Water Jel Technologies LLC  
50 Broad Street  
Carlstadt, New Jersey 07072

Telephone 201-507-8300  
E-mail Address [www.waterjel.com](http://www.waterjel.com)  
Emergency Telephone 1-800-275-3433  
FAX Number 201-507-8325

Issue Date: 08-25-2015

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### SECTION 2: HAZARDS IDENTIFICATION

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#### Emergency Overview:

This product is regulated by the US FDA as an over-the-counter, monograph drug.

For Consumers, consult the Drug Facts on the package for use directions and warnings information.

#### Warnings: For External Use Only.

When using this product, avoid contact with the eyes.

Do not use on large areas of the body or on broken, blistered or oozing skin.

Do not use if you are allergic to any of the ingredients.

Stop use and ask a doctor if condition worsens or symptoms persist for more than 7 days.

If swallowed, get medical help or contact a Poison Control Center immediately.

Physical Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.  
Health Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.  
Environmental Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.  
OSHA Defined Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.

#### Label Elements:

Hazard Symbol: None

Signal Word: None

Hazard Statement: The mixture does not meet the criteria for classification.

#### Precautionary Statement:

Prevention None required according to OSHA Hazcom 2012.

Response None required according to OSHA Hazcom 2012.

Storage None required according to OSHA Hazcom 2012.

Disposal None required according to OSHA Hazcom 2012.

#### Hazards not otherwise

Classified (HNOC): None known.

Supplemental Information: None.





## SAFETY DATA SHEET

### Route of Entry:

**Skin Contact:** May cause irritation, redness, inflammation or dryness.  
**Skin Absorption:** No adverse conditions expected.  
**Eye Contact:** Direct contact with eyes may cause temporary irritation.  
**Inhalation:** Not expected due to form.  
**Ingestion:** May cause irritation of the digestive tract.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### Mixtures

Chemical Name	Common Name and Synonyms	CAS Number	%
Bacitracin Zinc USP		1405-89-6	Proprietary
Neomycin Sulfate		1405-10-3	Proprietary
Polymixin B Sulfate		1405-20-5	Proprietary
Petrolatum		8009-03-8	Proprietary

### SECTION 4: FIRST AID MEASURES

**Skin Contact:** Wash off with warm water and soap. Get medical attention if symptoms occur.  
**Skin Absorption:** No adverse conditions expected.  
**Eye Contact:** Flush eyes with clear running water for a minimum of 15 minutes; if irritation persists, seek medical attention.  
**Inhalation:** Remove victim to fresh air.  
**Ingestion:** Do not induce vomiting due to aspiration hazard. If vomiting should occur, lower head below knees to avoid aspiration.

### SECTION 5: FIRE-FIGHTING MEASURES

**Flammable:** No  
**Means of Extinction:** Use extinguishing media appropriate for surrounding fire. Use water spray, foam or dry chemical.  
In fires involving large quantities of this product, the use of large streams of water should be avoided.  
Use self-contained breathing apparatus when fighting fires that involve this material.  
**Flash Point and Method:** NA  
**Upper Flammable Limit (% by volume):** NA  
**Lower Flammable Limit (% by volume):** NA  
**Autoignition Temperature (°C):** NA  
**Explosion Data – Sensitivity to Impact:** No unusual fire or explosion hazards noted.  
**Explosion Data – Sensitivity to Static Discharge:** No unusual fire or explosion hazards noted.  
**Hazardous Combustion Products:** Carbon oxides. Nitrogen Oxides (NOx).

NFPA Health 0 Fire 1 Reactivity 0 Other NA



## SAFETY DATA SHEET

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

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Personal precautions,  
Protective equipment and  
Emergency procedures:      Wear appropriate personal protective equipment.

Methods and materials  
for containment  
and clean up:                      Absorb spill with vermiculite or other inert material, then place in a sealed container for  
chemical waste.

Large Spills: Flush with plenty of water. Prevent entry into waterways, sewer, basements or  
confined areas. Dike for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to  
remove residual contamination.

Environmental Precautions:              Avoid discharge into drains and water sources.

---

### SECTION 7: HANDLING AND STORAGE

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Handling Procedures and Equipment:              Keep this and other chemicals out of the reach of children.

Storage Temperature:                      Do not store or mix with strong acids or oxidizers. Store at room  
temperature.

---

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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Occupational Exposure Limits:

Components	ACGIH-TLVs	OSHA-PELs	NIOSH	Form
Petrolatum (CAS 8009-03-8)	5 mg/m3	5 mg/m3	5 mg/m3 TWA	Mist

Biological Limit Values:      No biological Exposure limits noted for the ingredients.

Ventilation and Engineering Controls:              Ensure adequate ventilation.

Personal Protective Equipment:              None required under normal conditions  
Hand Protection:                      None required under normal conditions.  
Eye and Face Protection:              Eye protection, as necessary to prevent excessive contact.  
Skin Protection:                      None required under normal conditions.

General Hygiene Considerations:              Practice safe work habits.  
Other Protective Equipment:              Eye wash stations should be nearby and ready to use.

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**SAFETY DATA SHEET**

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance: Ointment.  
Physical State: Ointment.  
Form: Ointment.  
Color: White to off white.  
Odor: Slightly fatty odor.

pH: No information available.  
Boiling Point: >200°F closed cup  
Melting Point: No information available.  
Flash Point: N/A

Explosive Properties: No information available.  
Oxidizing Properties: No information available.  
Specific Gravity: 0.87  
Water Solubility: Insoluble.  
Partition Coefficient: No information available.  
Viscosity: No information available.  
Vapor Pressure (mm Hg): No information available.  
Vapor Density (Air=1): No information available.  
Evaporation Rate: No information available.  
% Volatile: No information available.

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**SECTION 10: STABILITY AND REACTIVITY**

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Reactivity: The product is stable and non-reactive under normal conditions of use.  
Chemical Stability: Stable at normal conditions.  
Possibility of Hazardous Reactions: Hazardous polymerization does not occur.  
Conditions to Avoid: Extreme heat.  
Materials to Avoid: Strong oxidants and strong acids.  
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.  
Hazardous Polymerization: Will not occur.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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Symptoms of Overexposure by Route of Exposure:  
The health hazard information provided is for handling this product in an occupational setting.

Effects of Acute and Chronic Exposure:

Acute: The primary health effect that may be experienced in an occupational setting is mild irritation of contaminated skin. Accidental ingestion may be harmful. Although unlikely, irritation can irritate the respiratory system. Eye contact will cause irritation.

Chronic: NE

Target Organs: Acute: Occupational exposure: Skin.  
Chronic: Occupational exposure: Skin.

Inhalation:  
Mist may slightly irritate the nose, throat and lungs. Symptoms are generally alleviated upon breathing fresh air.



## SAFETY DATA SHEET

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**Skin Contact:**

Skin contact may cause burning sensation, stinging, itching and tingling.

**Eye Contact:**

Eye contact can cause irritation, stinging, redness and tearing.

**Ingestion:**

Ingestion is not a significant route of occupational overexposure. Acute ingestion of large quantities of this product or chronic ingestion may cause adverse symptoms that may include nausea, vomiting and diarrhea.

**Irritancy of the Product:**

This product may cause mild to moderate irritation on damaged skin.

**Skin Sensitization:**

Not expected.

**Respiratory Sensitization:**

Not expected.

**LD50/LC50:**

**Petrolatum (CAS 8009-03-8)**

- Oral: Not available.
- Dermal: Not available.

**Carcinogenicity:** Not classified as a human carcinogen by IARC or ACGIH.

**Reproductive Toxicity:**

**Mutagenic/Embryo Toxicity:** The components of this product are not reported to cause mutagenic or embryonic effects in humans.

**Teratogenicity:** Not available.

**Reproductive Toxicity:** This product is not expected to cause reproductive effects.

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### SECTION 12: ECOLOGICAL INFORMATION

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No specific information is currently available on the effect of this product on plants or animals in the environment. The product may be harmful to contaminated terrestrial and aquatic plant life in large quantities. The following aquatic toxicity data currently available for components of this product:

Not expected to be harmful to aquatic organisms.

**Environmental Exposure Controls:** Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways.

No component of this product is known to have ozone depletion potential.

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### SECTION 13: DISPOSAL CONSIDERATIONS

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## SAFETY DATA SHEET

Disposal Instructions: Collect or dispose in sealed containers at licensed waste disposal site.  
Dispose in accordance with local, state and federal regulations.

### SECTION 14: TRANSPORT INFORMATION

DOT Classification: Not regulated for Domestic Transport.  
IATA Classification: Not regulated for International Transport.  
IMDG Classification: Not regulated for International Water Transport.

### SECTION 15: REGULATORY INFORMATION

#### U.S. Federal Regulations:

TSCA (TOXIC SUBSTANCE CONTROL ACT): Not regulated.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not listed.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT) 304: Not regulated.

SARA 311/312 HAZARD CATEGORIES: Not regulated.

SARA 313 REPORTABLE INGREDIENTS: Not listed.

#### STATE REGULATIONS:

##### California Prop 65:

Warning: This product does contain a chemical known to the State of California to cause cancer, birth, or any other reproductive defects.

Neomycin Sulfate USP (CAS 1405-10-3) – internal use only – listed October 1, 1992

##### New Jersey RTK:

Not listed.

##### Massachusetts RTK:

Petrolatum (CAS 8009-03-8)

##### Pennsylvania RTK:

Petrolatum (CAS 8009-03-8)

#### INTERNATIONAL REGULATIONS:

Country or Region	Inventory Name	Listed
Australia	Australia Inventory of Chemical Substances	Yes
Canada	Domestic Substance List (DSL)	No
Canada	Non-Domestic Substance List (NDSL)	Yes
China:	Inventory of Existing Chemical Substances In China (IECSC)	No
Europe	European List of Notified Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substance Control Act (TSCA) Inventory	No

Note: A "Yes" indicates that all components comply with the inventory requirements administered by the governing country.

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country.



## SAFETY DATA SHEET

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### SECTION 16: OTHER INFORMATION

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**Disclaimer:**

The information provided in this Safety Data Sheet (SDS) is accurate to the best of our knowledge. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or processes.

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