



Corporate Headquarters  
10 Glenshaw Street, Orangeburg, NY 10962  
Tel: 845.365.8200 • Fax: 845.365.8201  
Toll-Free: 888.DYNAREX

Reviewed on 9/16/15

## SAFETY DATA SHEET

### SECTION 1. Product and Company Identification

**PRODUCT NAME:** BZK Antiseptic Towelette

**PRODUCT USE:** Antiseptic

**Product Code:** 1303, 1331

**Manufacturer's Name:** Dynarex Corporation

**Manufacturer's Address:** 10 Glenshaw Street  
Orangeburg, NY 10962

**Emergency or Information Phone No.:** 888-DYNAREX or 845-365-8200  
At other times, contact the local Poison Control Center

### SECTION 2. Hazards Identification

Physical hazards	Not classified
Health hazards	Not classified
• Environmental hazards	Not determined
OSHA defined hazards	Not classified
Label elements	
• Hazard symbol	None
• Signal word	Not available
• Hazard statement	Not available
• Precautionary statement	
○ Prevention	Not available
○ Response	Not available
○ Storage	Not available
○ Disposal	Not available
Hazard(s) not otherwise classified (HNOC)	None known
Supplemental information	None



Corporate Headquarters  
10 Glenshaw Street, Orangeburg, NY 10962  
Tel: 845.365.8200 • Fax: 845.365.8201  
Toll-Free: 888.DYNAREX

## SECTION 3. Composition/information on Ingredients

Ingredients	CAS Number	%
BZK	8001-54-5	0.13
Water	7732-18-5	99.87

## SECTION 4. First-aid measures

### First aid procedures

#### Eye Contact

Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

#### Skin Contact

In case of skin irritation, discontinue use of product.

#### Inhalation

Not a normal route of exposure. If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

#### Ingestion

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.

#### Notes to physician

Symptoms may be delayed.

#### General advice

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.

#### Flammable Limits: N/A

Flash Point: N/A



Corporate Headquarters  
10 Glenshaw Street, Orangeburg, NY 10962  
Tel: 845.365.8200 • Fax: 845.365.8201  
Toll-Free: 888.DYNAREX

## SECTION 5. Fire-fighting measures

**Flash Point:** Not Available

**Flammable Limits:** Not Available

**Extinguishing Media:** Any

**Special Fire Fighting Procedures:** None

**Unusual Fire and Explosion Hazards:** None

## SECTION 6. Accidental release measures

<b>Personal precautions:</b>	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.
<b>Methods for containment:</b>	Prevent entry into waterways, sewers, basements or confined areas.
<b>Methods for cleaning up:</b>	Pick up and discard towel.

## SECTION 7. Handling and storage

<b>Handling:</b>	Use good industrial hygiene practices in handling this material.
<b>Storage:</b>	Keep out of reach of children. Store in a closed container away from incompatible materials.

## SECTION 8. Exposure controls/personal protection

<b>Engineering controls:</b>	General ventilation normally adequate.
------------------------------	--

**Personal protective equipment**



Corporate Headquarters  
10 Glenshaw Street, Orangeburg, NY 10962  
Tel: 845.365.8200 • Fax: 845.365.8201  
Toll-Free: 888.DYNAREX

<b>Eye/Face protection</b>	Follow standard industrial hygiene practices.
<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 and 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/Odor:</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>Boiling Point:</b>	<200°F
<b>Paper Components:</b>	100% Virgin Paper
<b>Specific Gravity:</b>	1

## SECTION 10. Stability and reactivity

**Chemical Stability:** Stable under recommended storage conditions.  
**Incompatibility:** Caustics. Acids. Oxidizers.  
**Hazardous Decomposition Products:** May include and are not limited to: oxides of carbon; hydrogen chloride.  
**Hazardous Polymerization:** Will not occur.  
**Conditions to avoid:** Do not mix with other chemicals.

## SECTION 11. Toxicological information

### Effects of acute exposure

<b>Eye</b>	May cause irritation
------------	----------------------



Corporate Headquarters  
10 Glenshaw Street, Orangeburg, NY 10962  
Tel: 845.365.8200 • Fax: 845.365.8201  
Toll-Free: 888.DYNAREX

<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

**Ecotoxicity** Not available

**Environmental effects** Not available

**Aquatic toxicity** Not available

**Persistence / degradability** Not available

**Bioaccumulation / accumulation** Not available

**Partition coefficient** Not available

**Mobility in environmental media** Not available

**Chemical fate information** Not available

**Other adverse effects** Not available

## SECTION 13. Disposal considerations

**Waste codes:** Not available



Corporate Headquarters  
10 Glenshaw Street, Orangeburg, NY 10962  
Tel: 845.365.8200 • Fax: 845.365.8201  
Toll-Free: 888.DYNAREX

**Disposal instructions:** 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.

**Waste from residues / unused products:** Not available

**Contaminated packaging:** Not available

## SECTION 14. Transport information

**U.S. Department of Transportation (DOT)** Not regulated as dangerous goods.

**Transportation of Dangerous Goods (TDG - Canada)** Not regulated as dangerous goods.

## SECTION 15. Regulatory information

**Canadian federal regulations** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**US Federal regulations** This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

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

29 CFR 1910.1200 hazardous No chemical

### **CERCLA (Superfund) reportable quantity**

Benzene: 10.0000

Benzene, methyl-: 1000.0000

Benzene, (chloromethyl)-: 100.0000

Propylene oxide: 100.0000

### **Superfund Amendments and Reauthorization Act of 1986 (SARA)**

#### **Hazard categories**

Immediate Hazard - No

Delayed Hazard - No





Corporate Headquarters  
10 Glenshaw Street, Orangeburg, NY 10962  
Tel: 845.365.8200 • Fax: 845.365.8201  
Toll-Free: 888.DYNAREX

Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** No

**Clean Air Act (CAA)** Not available

**Clean Water Act (CWA)** Not available

**Safe Drinking Water Act (SDWA)** Not available

**Drug Enforcement Agency (DEA)** Not available

**Food and Drug Administration (FDA)** Not available

**State regulations** WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

## SECTION 16. Other information

Disclaimer:

This Safety Data Sheet, which takes into consideration the requirements of Directive 76/768/EC and subsequent amendments and Directive 1999/45/EC plus subsequent amendments, has been prepared in accordance with Directive (EC) 1907/2006. It is believed to be correct and corresponds to the latest scientific/technical knowledge but all data, instructions, recommendations and/or suggestions are made without guarantee. No warranty, expressed or implied, is made and Dynarex Corp. assumes no legal responsibility or liability resulting from its use.



## SAFETY DATA SHEET

---

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

---

**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:** 09-25-2018

---

### SECTION 2: HAZARDS IDENTIFICATION

---

#### 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.





## 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:** 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

The ingredients and levels are considered a trade secret.

### 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



## SAFETY DATA SHEET

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**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

**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:**

Components	ACGIH-TLVs	OSHA-PELs	NIOSH	Form
Glycerin (CAS 56-81-5)	NE	5 mg/m3		Aerosol
Propylene Glycol (CAS 57-55-6)	10 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.



## SAFETY DATA SHEET

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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.

### SECTION 10: STABILITY AND REACTIVITY

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.

### SECTION 11: TOXICOLOGICAL INFORMATION

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.



## SAFETY DATA SHEET

---

**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.

---

### SECTION 12: ECOLOGICAL INFORMATION

---

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.





## SAFETY DATA SHEET

### 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





## SAFETY DATA SHEET

---

**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.

---

### SECTION 16: OTHER INFORMATION

---

**Issue Date:** 09-25-2018

**Version:** 03

**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.



**Telephone:** (845) 365-8200 \* **Website:** [www.dynarex.com](http://www.dynarex.com)  
**Toll Free:** (888) DYNAREX \* **Website:** [www.thcnet.com](http://www.thcnet.com)  
**Fax:** (845) 365-8201

## Safety Data Sheet

Reviewed on 9/15/16

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

<b>Product Identifiers:</b>	<b>Dynarex Instant Cold Pack with Urea (Non-Toxic),</b> Dynarex Reorder # 4517 & 4518
<b>Other means of identification:</b>	Non-Toxic Instant Cold Pack
<b>Recommended use of the chemical</b>	Instant Cold Pack for thermal therapy Single Use For relief of pain and swelling caused by sprains, strains, contusions, minor burns, toothaches and insect bites
<b>And restrictions on use</b>	<b>CAUTION:</b> <ul style="list-style-type: none"><li>• For external use only. Adult supervision recommended.</li><li>• Do not puncture. If bag breaks and fluid contacts skin or eyes, immediately flush area with large amounts of water.</li><li>• Do not swallow contents. If contents are accidentally swallowed, drink large amounts of water (not milk) and contact a Poison Control Center or physician.</li><li>• Cold therapy should not be used by individuals with circulatory problems, unless under the direct supervision of a physician.</li></ul>
<b>Name of the Manufacturer:</b>	Dynarex Corporation
<b>Manufacturer's Address:</b>	10 Glenshaw Street Orangeburg, NY 10962
<b>Emergency Phone No.:</b>	Toll Free: 1-888-DYNAREX Phone: (845) 365-8200 Fax: (845) 365-8201 At other times, contact the local Poison Control Center



**Telephone:** (845) 365-8200 \* **Website:** [www.dynarex.com](http://www.dynarex.com)  
**Toll Free:** (888) DYNAREX \* **Website:** [www.thcnet.com](http://www.thcnet.com)  
**Fax:** (845) 365-8201

## SECTION 2. HAZARDS IDENTIFICATION

### 2.1. Hazard classification

Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### 2.2. Label elements

#### Signal word

Not applicable.

#### Symbols

Not applicable.

#### Pictograms

Not applicable.

#### Precautionary Statements

Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

### 2.3. Hazards not otherwise classified

None.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	% Weight	EXPOSURE GUIDELINE		
		Limits	Agency	Type
None				
OTHER COMPONENTS	% Weight	EXPOSURE GUIDELINE		
		Limits	Agency	Type
Urea CAS# 57-13-6	40-70	Not Established		
Water CAS# 7732-18-5	30-60	Not Established		

Note: State, local or other agencies or advisory groups may have established more stringent limits. Consult an industrial hygienist or similar professional, or you local agencies, for further information.

## SECTION 4. FIRST AID MEASURES

**Eye:** If irritation or redness develops, move victim away from exposure and into fresh air. Flush eyes with clean water. If symptoms persist, seek medical attention.

**Skin:** Remove contaminated shoes and clothing and cleanse affected area(s) thoroughly by washing with mild soap and



**Telephone:** (845) 365-8200 \* **Website:** [www.dynarex.com](http://www.dynarex.com)  
**Toll Free:** (888) DYNAREX \* **Website:** [www.thcnet.com](http://www.thcnet.com)  
**Fax:** (845) 365-8201

water. If irritation or redness develops and persists, seek medical attention.

**Inhalation (Breathing):** If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, clear airway and immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

**Ingestion (Swallowing):** First aid is not normally required; however, if swallowed and symptoms develop, seek medical attention.

## SECTION 5. FIRE FIGHTING MEASURES

**Flammable Properties:** Flash Point: None  
OSHA Flammability Class: Not applicable  
LEL/UEL: No data  
Autoignition Temperature: No data

**Unusual Fire & Explosion Hazards:** Closed containers exposed to extreme heat can rupture due to pressure buildup.

**Extinguishing Media:** Use extinguishing agent suitable for type of surrounding fire.

**Fire Fighting Instructions:** For fires beyond the incipient stage, emergency responders in the immediate hazard area should wear bunker gear. When the potential chemical hazard is unknown, in enclosed or confined spaces, or when explicitly required by DOT, a self-contained breathing apparatus should be worn. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8). Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Move undamaged containers from immediate hazard area if it can be done with minimal risk. Water spray may be useful in minimizing or dispersing vapors. Cool equipment exposed to fire with water, if it can be done with minimal risk.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

Stay upwind and away from spill/release. Notify persons downwind of spill/release, isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section 8). Prevent spilled material from entering sewers, storm drains, other unauthorized treatment drainage systems, and natural waterways. Dike far ahead of spill for later recovery or disposal. Spilled material may be absorbed into an appropriate absorbent material. Notify appropriate federal, state, and local agencies. Immediate cleanup of any spill is recommended.

## SECTION 7. HANDLING AND STORAGE

### Handling:

Do not enter confined spaces such as tanks or pits without following proper entry procedures such as ASTM D-4276 and 29CFR 1910.146. The use of appropriate respiratory protection is advised when concentrations exceed any established exposure limits (see Section 2 and 8). Wash thoroughly after handling. Do not wear contaminated clothing or shoes. Use good personal hygiene practice.

**Storage:** Keep container(s) tightly closed. Do not heat or contact with strong oxidizers. Use and store this material in cool, dry, well-ventilated areas. Do not store at temperatures below 60°F. Store only in approved containers. Keep away from any incompatible material (see Section 10). Protect container(s) against physical damage.



**Telephone:** (845) 365-8200 \* **Website:** [www.dynarex.com](http://www.dynarex.com)  
**Toll Free:** (888) DYNAREX \* **Website:** [www.thcnet.com](http://www.thcnet.com)  
**Fax:** (845) 365-8201

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering controls:** If current ventilation practices are not adequate to minimize exposure, additional ventilation or exhaust systems may be required.

### Personal Protective Equipment (PPE):

**Respiratory:** Respiratory protection is not usually required.

**Skin:** The use of gloves impermeable to the specific material handled is advised to prevent skin contact, possible irritation, and absorption (see glove manufacturer literature for information on permeability).

**Eye/Face:** Approved eye protection to safeguard against potential eye contact, irritation, or injury is recommended. Depending on conditions of use, a face shield may be necessary.

**Other Protective Equipment:** A source of clean water should be available in the work area for flushing eyes and skin. Impervious clothing should be worn as needed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Note: Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm).

Flash Point: None to boiling

Flammable/Explosive Limits (%): No data

Autoignition Temperature: No data

Appearance: White solid in water bag

Physical State: solid/Liquid

Odor: None

pH: No data

Vapor Pressure (mm Hg): No data

Vapor Density (air=1): 0.6 H<sub>2</sub>O, >1 Aerosol

Boiling Point: >212°F

Freezing/Melting Point: No data

Solubility in Water: 100%

Specific Gravity: 1.14

Percent Volatile: 50 wt%

Evaporation Rate (nBuAc=1): <1

## SECTION 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal conditions of storage and handling.

**Conditions To Avoid:** None known

**Incompatible Materials:** Avoid contact with strong oxidizing agents.

**Hazardous Decomposition Products:** If involved in a fire, oxides of carbon and nitrogen may be generated, exposure to heat may generate ammonia fumes.

**Hazardous Polymerization:** Will not occur.





**Telephone:** (845) 365-8200 \* **Website:** www.dynarex.com  
**Toll Free:** (888) DYNAREX \* **Website:** www.thcnet.com  
**Fax:** (845) 365-8201

## SECTION 11. TOXICOLOGICAL INFORMATION

No definitive information available on carcinogenicity, mutagenicity, target organs or developmental toxicity.

## SECTION 12. ECOLOGICAL INFORMATION

### ECOTOXICOLOGICAL INFORMATION

Not determined.

### CHEMICAL FATE INFORMATION

Not determined.

## SECTION 13. DISPOSAL CONSIDERATIONS

This material, if discarded as produced, is not a RCRA "listed" or "characteristic" hazardous waste. Use resulting in chemical or physical change or contamination may subject it to regulation as a hazardous waste. Along with properly characterizing all waste materials consult state and local regulations regarding the proper disposal of this material.

## SECTION 14. TRANSPORT INFORMATION

Hazard Class or Division: Not classified as hazardous.

## SECTION 15. REGULATORY INFORMATION

This material contains the following chemicals subject to the reporting requirements of **SARA 313** and 40 CFR 372.

--None--

**Warning:** This material contains the following chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm, and are subject to the requirements of **California Proposition 65** (CA Health & Safety Code Section 25249.5)

--None Known--

This material has not been identified as a carcinogen by NTP, IARC, or OSHA.

**EPA (CERCLA) Reportable Quantity:** --None--



**Telephone:** (845) 365-8200 \* **Website:** [www.dynarex.com](http://www.dynarex.com)  
**Toll Free:** (888) DYNAREX \* **Website:** [www.thcnet.com](http://www.thcnet.com)  
**Fax:** (845) 365-8201

## SECTION 16. OTHER INFORMATION

### Disclaimer:

This Safety Data Sheet, which takes into consideration the requirements of Directive 76/768/EC and subsequent amendments and Directive 1999/45/EC plus subsequent amendments, has been prepared in accordance with Directive (EC) 1907/2006. It is believed to be correct and corresponds to the latest scientific/technical knowledge but all data, instructions, recommendations and/or suggestions are made without guarantee. No warranty, expressed or implied, is made and Dynarex Corp. assumes no legal responsibility or liability resulting from its use.

NDC 0924-0160-04

**EYEWASH**

Purified Water, 98.3%  
Ophthalmic Solution, Eyewash

Single Use      Sterile Solution

**Tamper Evident** Do not use if printed seal over cap is missing or broken.

**7-006**      4 FL OZ (118ml)

7 38743 00092 5

ReOrder No.  
**7-006**

**Drug Facts**

**Active ingredient** Purified Water 98.3% **Purpose** Eyewash

**Use** For cleansing the eye to help relieve irritation or burning by removing loose foreign material

**Warnings**  
For external use only

**Do not use** ■ if you experience any open wounds in or near the eyes and obtain immediate medical treatment  
■ if solution changes color or becomes cloudy

**When using this product** ■ to avoid contamination, do not touch tip of container to any surface  
■ do not reuse  
■ once opened, discard

**Stop use and ask a doctor if** you have any of the following  
■ continued redness or irritation of the eye ■ condition worsens or persists  
■ eye pain ■ changes in vision

**Keep out of reach of children.** If swallowed, get medical help or contact a Poison Control Center right away.

**Directions** ■ remove tamper evident seal and cap ■ flush the affected eye as needed, controlling the rate of flow of solution by pressure on the bottle

**Other Information** ■ lot number is printed on the bottle ■ store at 20° to 25° C [68° to 77° F]  
■ for your protection, this bottle has an imprinted white seal with black printing "TAMPER EVIDENT SEAL"  
■ do not use if this seal is missing or broken ■ use before expiration date marked on bottle

**Inactive ingredients** boric acid, sodium borate, sodium chloride

**Questions?** Call 1.800.835.2263

Manufactured for: **Acme United Corporation** 55 Walls Dr, Fairfield, CT 06824  
PhysiciansCare is a registered trademark of Acme United Corporation  
©2019 Acme United Corporation. [www.FirstAidOnly.com](http://www.FirstAidOnly.com) Made in Canada



Acme United Corporation

Legend

## 4 oz, Eyewash Bottle Label

Item	7-006
Description	Bottle Label, Screw Top 4oz Bottle
Version	revB
Date	02.21.19
Specs	2.6875" x 5.375" / 1C, Pantone 293C / w/Out Bleed

## Eyewash Station Pantone & Process Colors

Spot White	Eyewash Blue
Prints Spot White	CMYK 100/57/0/2 PMS293C



HEALTHCARE BEYOND BURN CARE™

# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR)

Issuing Date 04-Dec-2019

Revision Date 04-Dec-2019

Revision Number 1

## 1. Identification

### Product identifier

**Product Name** First Aid/ Burn Cream

### Other means of identification

**Product Code(s)** FAC.00.121

**Synonyms** First Aid Cream; First Aid /Burn Cream Antiseptic Pain Relief with Aloe

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

**Recommended use** First aid to help prevent infection and for the temporary relief of pain and itching associated with minor cuts, scrapes and burns

**Restrictions on use** For external use only.

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

#### Manufacturer Address

WaterJel ® Technologies  
50 Broad Street  
Carlstadt, NJ 07072  
P: 201-507-8300

### Emergency telephone number

**Emergency Telephone** 800-275-3433 (8:00 am-5:00 pm EST Weekdays)

## 2. Hazard(s) identification

### Classification

### Label elements

#### **Hazard statements**

Not classified.

### Other information

No information available.

## 3. Composition/information on ingredients

**Substance**

Not applicable.

**Mixture****Synonyms**

First Aid Cream; First Aid /Burn Cream Antiseptic Pain Relief with Aloe

Chemical name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Stearic acid	57-11-4	5-10	-	-
Glycerin	56-81-5	1-5	-	-
Propylene glycol	57-55-6	0.5-1.5	-	-

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

**4. First-aid measures****Description of first aid measures**

Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids.
Skin contact	Wash skin with soap and water.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

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

Symptoms May cause temporary eye irritation.

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

Note to physicians Treat symptomatically.

**5. Fire-fighting measures**

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media No information available.

Specific hazards arising from the chemical No information available.

**Explosion data**

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.



## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Ensure adequate ventilation.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. Handling and storage

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

## 8. Exposure controls/personal protection

### Control parameters

#### Exposure Limits

Chemical name	ACGIH TLV		OSHA PEL	NIOSH
Stearic acid 57-11-4	TWA: 10 mg/m <sup>3</sup> inhalable particulate matter TWA: 3 mg/m <sup>3</sup> respirable particulate matter		-	-
Glycerin 56-81-5	-		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	-
Chemical name	Alberta	British Columbia	Ontario	Quebec
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 3 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup>
Propylene glycol 57-55-6			TWA: 10 mg/m <sup>3</sup> TWA: 50 ppm TWA: 155 mg/m <sup>3</sup>	

### Appropriate engineering controls

**Engineering controls** Showers

Eyewash stations  
Ventilation systems.

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

<b>Eye/face protection</b>	No special protective equipment required.
<b>Hand protection</b>	No special protective equipment required.
<b>Skin and body protection</b>	No special protective equipment required.
<b>Respiratory protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice.

## **9. Physical and chemical properties**

### **Information on basic physical and chemical properties**

<b>Appearance</b>	White cream
<b>Physical state</b>	Solid
<b>Color</b>	White
<b>Odor</b>	Odorless
<b>Odor threshold</b>	No information available

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
<b>pH</b>	6.4 - 7.6	
<b>Melting point / freezing point</b>	No data available	None known
<b>Boiling point / boiling range</b>	No data available	None known
<b>Flash point</b>	No data available	None known
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Vapor pressure</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Relative density</b>	No data available	None known
<b>Water solubility</b>	Miscible in water	
<b>Solubility(ies)</b>	No data available	None known
<b>Partition coefficient</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	10,000 - 75,000 cP	Spindle #4 (64), 6 RPM, 15 seconds

### **Other information**

<b>Explosive properties</b>	No information available.
<b>Oxidizing properties</b>	No information available.
<b>Softening point</b>	No information available.
<b>Molecular weight</b>	No information available.
<b>VOC Content (%)</b>	No information available.
<b>Liquid Density</b>	No information available.
<b>Bulk density</b>	No information available.

## 10. Stability and reactivity

<b>Reactivity</b>	None under normal use conditions.
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	None under normal processing.
<b>Conditions to avoid</b>	None known based on information supplied.
<b>Incompatible materials</b>	None known based on information supplied.
<b>Hazardous decomposition products</b>	None known based on information supplied.

## 11. Toxicological information

### Information on likely routes of exposure

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

### Symptoms related to the physical, chemical and toxicological characteristics

<b>Symptoms</b>	May cause temporary eye irritation.
-----------------	-------------------------------------

### Acute toxicity

### Numerical measures of toxicity

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

ATEmix (oral) 29,131.40 mg/kg

### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Stearic acid	= 4600 mg/kg ( Rat )		
Glycerin	= 12600 mg/kg ( Rat )	> 10 g/kg ( Rabbit )	> 570 mg/m <sup>3</sup> ( Rat ) 1 h
Propylene glycol	= 20 g/kg ( Rat )	= 20800 mg/kg ( Rabbit )	

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

<b>Skin corrosion/irritation</b>	No information available.
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.

**Legend**

**IARC (International Agency for Research on Cancer)**  
Group 3 - Not Classifiable as to Carcinogenicity in Humans

**Reproductive toxicity** No information available.

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

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

**Aspiration hazard** No information available.

**12. Ecological information****Ecotoxicity**

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Glycerin 56-81-5	-	LC50: 51 - 57mL/L (96h, Oncorhynchus mykiss)	-	-
Propylene glycol 57-55-6	EC50: =19000mg/L (96h, Pseudokirchneriella subcapitata)	LC50: =51400mg/L (96h, Pimephales promelas) LC50: 41 - 47mL/L (96h, Oncorhynchus mykiss) LC50: =51600mg/L (96h, Oncorhynchus mykiss) LC50: =710mg/L (96h, Pimephales promelas)	-	EC50: >1000mg/L (48h, Daphnia magna)

**Persistence and degradability** No information available.

**Bioaccumulation** No information available.

**Component Information**

Chemical name	Partition coefficient
Glycerin 56-81-5	-1.76

**Mobility in soil** No information available.

**Other adverse effects** No information available.

**13. Disposal considerations****Waste treatment methods**

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

**14. Transport information**

<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated

## 15. Regulatory information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

#### International Inventories

**TSCA** Contact supplier for inventory compliance status.  
**DSL/NDSL** Contact supplier for inventory compliance status.

#### **Legend:**

**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

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

##### 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



**US State Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Glycerin 56-81-5	X	X	X
Propylene glycol 57-55-6	X	-	X

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. Other information**

<b>NFPA</b>	Health hazards 0	Flammability 0	Instability 0	Physical and chemical properties -
<b>HMIS</b>	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X

**Key or legend to abbreviations and acronyms used in the safety data sheet**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

**Key literature references and sources for data used to compile the SDS**

U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 EPA (Environmental Protection Agency)  
 Acute Exposure Guideline Level(s) (AEGL(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 Japan GHS Classification  
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
 NIOSH (National Institute for Occupational Safety and Health)  
 National Library of Medicine's ChemID Plus (NLM CIP)  
 National Toxicology Program (NTP)  
 New Zealand's Chemical Classification and Information Database (CCID)  
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
 Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
 Organization for Economic Co-operation and Development Screening Information Data Set  
 World Health Organization

**Issuing Date** 04-Dec-2019  
**Revision Date** 04-Dec-2019  
**Revision Note** Initial Release.

**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**



HEALTHCARE BEYOND BURN CARE™

# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR)

Issuing Date 04-Feb-2019

Revision date 04-Feb-2019

Revision Number 1

## 1. Identification

### Product identifier

**Product Name** Triple Antibiotic First Aid Ointment

### Other means of identification

**Product Code(s)** TA.50.121

**Synonyms** Bacitracin zinc-neomycin sulfate- polymyxin B sulfate ointment

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

**Recommended use** To help prevent infection in minor cuts, scrapes, burns

**Restrictions on use** For external use only.

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

#### Manufacturer Address

WaterJel Technologies®  
50 Broad Street  
Carlstadt, NJ 07072  
P: 201-507-8300

### Emergency telephone number

**Emergency Telephone** 800-275-3433 (8:00 am-5:00 pm EST Weekdays)

## 2. Hazard(s) identification

### Classification

Not classified.

### Label elements

#### **Hazard statements**

Not classified.

### Other information

No information available.

### 3. Composition/information on ingredients

**Substance**

Not applicable.

**Mixture****Synonyms**

Bacitracin zinc-neomycin sulfate- polymyxin B sulfate ointment.

Chemical name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Petrolatum (USP Grade)	8009-03-8	80-100	-	-

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

### 4. First-aid measures

**Description of first aid measures**

Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids.
Skin contact	Wash skin with soap and water.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

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

Symptoms	May cause skin irritation in susceptible persons. May cause redness and tearing of the eyes.
----------	--

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

Note to physicians	Treat symptomatically.
--------------------	------------------------

### 5. Fire-fighting measures

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	No information available.
Specific hazards arising from the chemical	No information available.
Explosion data	
Sensitivity to mechanical impact	None.
Sensitivity to static discharge	None.
Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Ensure adequate ventilation.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. Handling and storage

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

## 8. Exposure controls/personal protection

### Control parameters

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

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

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

**Hand 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. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

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

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Appearance	Off-white ointment
Physical state	Solid
Color	Off-white
Odor	Characteristic: Slightly fatty odor
Odor threshold	No information available

Property	Values	Remarks • Method
pH	No data available	None known
Melting point / freezing point	No data available	None known
Boiling point / boiling range	>93 °C / >200 °F	
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		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	0.87	@25°C
Water solubility	Insoluble in water	
Solubility(ies)	No data available	None known
Partition coefficient	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

### Other information

Explosive properties	No information available.
Oxidizing properties	No information available.
Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Liquid Density	No information available
Bulk density	No information available

## 10. Stability and reactivity

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	None known based on information supplied.
Incompatible materials	None known based on information supplied.
Hazardous decomposition products	None known based on information supplied.

## 11. Toxicological information

**Information on likely routes of exposure**

<b>Inhalation</b>	Specific test data for the substance or mixture is not available. May cause irritation.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available. May cause eye irritation with susceptible persons.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available. May be harmful in contact with skin. Causes mild skin irritation.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. May cause gastrointestinal discomfort if consumed in large amounts.

**Symptoms related to the physical, chemical and toxicological characteristics**

<b>Symptoms</b>	May cause skin irritation in susceptible persons. May cause redness and tearing of the eyes.
-----------------	--

**Acute toxicity****Numerical measures of toxicity**

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

ATEmix (dermal) 3,640.80 mg/kg

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Petrolatum (USP Grade)		= 3600 mg/kg ( Rabbit )	

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

<b>Skin corrosion/irritation</b>	May cause mild to moderate irritation.
<b>Serious eye damage/eye irritation</b>	May cause mild to moderate irritation.
<b>Respiratory or skin sensitization</b>	Not expected to be sensitizer.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

**12. Ecological information**

<b>Ecotoxicity</b>	The environmental impact of this product has not been fully investigated.
<b>Persistence and degradability</b>	No information available.
<b>Bioaccumulation</b>	No information available.

<b>Mobility in soil</b>	No information available.
<b>Mobility</b>	No information available.
<b>Other adverse effects</b>	No information available.

### 13. Disposal considerations

#### Waste treatment methods

<b>Waste from residues/unused products</b>	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
<b>Contaminated packaging</b>	Do not reuse empty containers.

### 14. Transport information

<b><u>DOT</u></b>	Not regulated
<b><u>TDG</u></b>	Not regulated
<b><u>MEX</u></b>	Not regulated
<b><u>IATA</u></b>	Not regulated
<b><u>IMDG</u></b>	Not regulated

### 15. Regulatory information

#### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

#### International Inventories

<b>TSCA</b>	Contact supplier for inventory compliance status.
<b>DSL/NDSL</b>	Contact supplier for inventory compliance status.
<b>EINECS/ELINCS</b>	Contact supplier for inventory compliance status.
<b>ENCS</b>	Contact supplier for inventory compliance status.
<b>IECSC</b>	Contact supplier for inventory compliance status.
<b>KECL</b>	Contact supplier for inventory compliance status.
<b>PICCS</b>	Contact supplier for inventory compliance status.
<b>AICS</b>	Contact supplier for inventory compliance status.

#### **Legend:**

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

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



**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

### 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**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

#### **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

#### **US State Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Bacitracin zinc 1405-89-6	X	-	X

### U.S. EPA Label Information

**EPA Pesticide Registration Number** Not applicable

## **16. Other information**

<b>NFPA</b>	<b>Health hazards</b> 0	<b>Flammability</b> 0	<b>Instability</b> 0	<b>Physical and chemical properties</b> -
<b>HMIS</b>	<b>Health hazards</b> 0	<b>Flammability</b> 0	<b>Physical hazards</b> 0	<b>Personal protection</b> X

#### **Key or legend to abbreviations and acronyms used in the safety data sheet**

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

**Key literature references and sources for data used to compile the SDS**

U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
EPA (Environmental Protection Agency)  
Acute Exposure Guideline Level(s) (AEGL(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
Japan GHS Classification  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
RTECS (Registry of Toxic Effects of Chemical Substances)  
World Health Organization

**Issuing Date** 04-Feb-2019

**Revision date** 04-Feb-2019

**Revision Note** Initial Release.

**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**



HEALTHCARE BEYOND BURN CARE™

# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR)

Issuing Date 08-Mar-2019

Revision Date 02-Jan-2020

Revision Number 1.1

## 1. Identification

### Product identifier

Product Name Hand Sanitizer

### Other means of identification

Product Code(s) 910042.00.006

UN/ID no UN1170

Synonyms Instant Hand Sanitizer Antiseptic Gel with Vitamin E & Aloe

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

Recommended use Hand sanitizer

Restrictions on use For external use only.

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

#### **Manufacturer Address**

WaterJel ® Technologies  
50 Broad Street  
Carlstadt, NJ 07072  
P: 201-507-8300

### Emergency telephone number

Emergency Telephone 800-275-3433 (8:00 am-5:00 pm EST Weekdays)

## 2. Hazard(s) identification

### Classification

Flammable liquids	Category 2
-------------------	------------

### Label elements

#### **Danger**

#### **Hazard statements**

Highly flammable liquid and vapor

**Precautionary Statements - Prevention**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/eye protection/face protection.

**Precautionary Statements - Response****Skin**

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

**Fire**

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish.

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant.

**Other information**

No information available.

### 3. Composition/information on ingredients

**Substance**

Not applicable.

**Mixture****Synonyms**

Instant Hand Sanitizer Antiseptic Gel with Vitamin E & Aloe.

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Ethyl alcohol	64-17-5	45-70	-	-

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

### 4. First-aid measures

**Description of first aid measures****Inhalation**

Remove to fresh air.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.

**Skin contact**

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.
<b>Self-protection of the first aider</b>	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information.

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

<b>Symptoms</b>	May cause redness and tearing of the eyes. May cause skin irritation in susceptible persons.
-----------------	--

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

<b>Note to physicians</b>	Treat symptomatically.
---------------------------	------------------------

**5. Fire-fighting measures**

<b>Suitable Extinguishing Media</b>	Dry chemical. Carbon dioxide (CO <sub>2</sub> ). Water spray. Alcohol resistant foam.
<b>Unsuitable extinguishing media</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Specific hazards arising from the chemical</b>	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. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact</b>	None.
<b>Sensitivity to static discharge</b>	Yes.
<b>Special protective equipment for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

**6. Accidental release measures****Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions</b>	Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. 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.
<b>Other information</b>	Ventilate the area.

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

<b>Methods for containment</b>	Stop leak if you can do it without risk. 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. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.
<b>Methods for cleaning up</b>	Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## 7. Handling and storage

### Precautions for safe handling

#### Advice on safe handling

Use personal protection equipment. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions.

### Conditions for safe storage, including any incompatibilities

#### Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. 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.

## 8. Exposure controls/personal protection

### Control parameters

#### Exposure Limits

Chemical name	ACGIH TLV		OSHA PEL		NIOSH	
Ethyl alcohol 64-17-5	STEL: 1000 ppm		TWA: 1000 ppm TWA: 1900 mg/m³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m³		IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m³	
Chemical name	Alberta		British Columbia	Ontario		Quebec
Ethyl alcohol 64-17-5	TWA: 1000 ppm TWA: 1880 mg/m³		STEL: 1000 ppm	STEL: 1000 ppm		TWA: 1000 ppm TWA: 1880 mg/m³

### Appropriate engineering controls

#### Engineering controls

Showers  
Eyewash stations  
Ventilation systems.

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

#### Eye/face protection

Tight sealing safety goggles.

#### Hand protection

Wear suitable gloves. Impervious gloves.

#### Skin and body protection

Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.

#### Respiratory protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

#### General hygiene considerations

Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is

recommended. Wash hands before breaks and immediately after handling the product.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Appearance	Translucent liquid
Physical state	Liquid
Color	Clear to semi-clear
Odor	Characteristic
Odor threshold	No information available

Property	Values	Remarks • Method
pH	6.9 - 7.3	@ 25 °C
Melting point / freezing point	No data available	None known
Boiling point / boiling range	79.4 °C / 174.9 °F	
Flash point	22.2 °C 72 °F	CC (closed cup)
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	0.87 - 0.91	@25°C
Water solubility	Soluble in water	
Solubility(ies)	No data available	None known
Partition coefficient	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

### Other information

Explosive properties	No information available.
Oxidizing properties	No information available.
Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Liquid Density	No information available
Bulk density	No information available

## 10. Stability and reactivity

Reactivity	None under normal use conditions.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	None known based on information supplied.
Hazardous decomposition products	None known based on information supplied.

## 11. Toxicological information



**Information on likely routes of exposure**

<b>Inhalation</b>	Specific test data for the substance or mixture is not available. Vapors may be irritating to eyes, nose, throat, and lungs.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available. May cause redness, itching, and pain.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available. May cause irritation.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. May cause gastrointestinal discomfort if consumed in large amounts.

**Symptoms related to the physical, chemical and toxicological characteristics**

<b>Symptoms</b>	May cause redness and tearing of the eyes. May cause skin irritation in susceptible persons.
-----------------	--

**Acute toxicity****Numerical measures of toxicity**

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

<b>ATEmix (oral)</b>	10,844.90 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	191.60 mg/l

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Ethyl alcohol	= 7060 mg/kg ( Rat )	-	= 124.7 mg/L ( Rat ) 4 h

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

<b>Skin corrosion/irritation</b>	May cause mild to moderate irritation.
<b>Serious eye damage/eye irritation</b>	May cause mild to moderate irritation.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Ethyl alcohol 64-17-5	A3	Group 1	Known	X

**Legend**

**ACGIH (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

**NTP (National Toxicology Program)**

Known - Known Carcinogen

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Target organ effects</b>	liver, Respiratory system, Eyes, Skin, Central nervous system, blood, Reproductive System.
<b>Aspiration hazard</b>	No information available.

## 12. Ecological information

### Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Ethyl alcohol 64-17-5	-	LC50: 12.0 - 16.0mL/L (96h, Oncorhynchus mykiss) LC50: 13400 - 15100mg/L (96h, Pimephales promelas) LC50: >100mg/L (96h, Pimephales promelas)	-	LC50: 9268 - 14221mg/L (48h, Daphnia magna) EC50: =2mg/L (48h, Daphnia magna)

**Persistence and degradability** No information available.

**Bioaccumulation** There is no data for this product.

### Component Information

Chemical name	Partition coefficient
Ethyl alcohol 64-17-5	-0.32

**Mobility in soil** No information available.

**Mobility** No information available.

**Other adverse effects** No information available.

## 13. Disposal considerations

### Waste treatment methods

**Waste from residues/unused products** Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

**US EPA Waste Number** D001.

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

Chemical name	California Hazardous Waste Status
Ethyl alcohol	Toxic

64-17-5

Ignitable

**14. Transport information****DOT**

UN/ID no	UN1170
Proper shipping name	ETHANOL SOLUTION
Hazard class	3
Packing group	II
Special Provisions	24, IB2, T4, TP1
Description	UN1170, ETHANOL SOLUTION, 3, II
Emergency Response Guide Number	127

**TDG**

UN/ID no	UN1170
Proper shipping name	ETHANOL SOLUTION
Hazard class	3
Packing group	II
Special Provisions	150
Description	UN1170, ETHANOL SOLUTION, 3, II

**MEX**

UN/ID no	UN1170
Proper shipping name	ETHANOL SOLUTION
Hazard class	3
Special Provisions	144
Packing group	II
Description	UN1170, ETHANOL SOLUTION, 3, II

**IATA**

UN number	UN1170
UN proper shipping name	Ethanol solution
Transport hazard class(es)	3
Packing group	II
ERG Code	3L
Special Provisions	A180, A3, A58
Description	UN1170, Ethanol solution, 3, II

**IMDG**

UN number	Not regulated
UN proper shipping name	UN1170
Transport hazard class(es)	ETHANOL SOLUTION
Packing group	3
EmS-No	II
Special Provisions	F-E, S-D
Description	144
	UN1170, ETHANOL SOLUTION, 3, II, (22.2°C C.C.)

**15. Regulatory information****Safety, health and environmental regulations/legislation specific for the substance or mixture****International Regulations**

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

**International Inventories****TSCA**

Contact supplier for inventory compliance status.

**DSL/NDSL**

Contact supplier for inventory compliance status.

**Legend:****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**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

**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**

Ethyl alcohol is only considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

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

Chemical name	New Jersey	Massachusetts	Pennsylvania
Ethyl alcohol 64-17-5	X	X	X
Propane-1,2-diol 57-55-6	X	-	X

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**16. Other information****NFPA**

Health hazards 1

Flammability 3

Instability 0

Physical and chemical  
properties -**HMIS**

Health hazards 2

Flammability 3

Physical hazards 0

Personal protection X

Key or legend to abbreviations and acronyms used in the safety data sheet

---

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

**Key literature references and sources for data used to compile the SDS**

U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
EPA (Environmental Protection Agency)  
Acute Exposure Guideline Level(s) (AEGl(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
Japan GHS Classification  
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

**Issuing Date** 08-Mar-2019  
**Revision Date** 02-Jan-2020  
**Revision Note** SDS sections updated: 14.

**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**