



## SAFETY DATA SHEET

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Identifier #008  
Product Name Hand Sanitizer  
Product Use Topical Skin Preparation  
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: 06-01-2015

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

#### Mixtures

Chemical Name	Common Name and Synonyms	CAS Number	%
Ethyl Alcohol	Ethanol	64-17-5	62.0
Propylene Glycol	1, 2, 3, Propanetriol 2-Hydroxypropanol	57-55-6	Proprietary

### SECTION 3: 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: Flammable liquid Category 3.  
Health Hazards: Serious eye damage/eye irritation Category 2A.  
Specific target organ toxicity, single exposure Category 3 narcotic effects.  
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.

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Label Elements:



Hazard Symbol:

Signal Word: **Danger**

Hazard Statement: **Flammable liquid and vapor. Causes serious eye irritation. May cause drowsiness or dizziness.**

Precautionary Statement:

Prevention	Keep away from heat, sparks, open flames or hot surfaces. No smoking. Ground bond container and receiving equipment. Use explosion proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Use only in well ventilated area. Wear protective gloves, clothing and eye and face protection. Avoid breathing mist or vapor. Wash Hands thoroughly after handling.
Response	If on skin: Take off contaminated clothing. Rinse skin with water. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a Poison Center. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing. If eye irritation persists get medical attention.
Storage	Store in well ventilated area. Keep container tightly closed. Keep cool.
Disposal	Dispose of contents/container in accordance with local, state, federal regulations.

Hazards not otherwise

Classified (HNOC): **None known.**

Supplemental Information: **None.**

Route of Entry:

Skin Contact: **May cause minor irritation, redness, inflammation or dryness.**  
Skin Absorption: **No adverse conditions expected.**  
Eye Contact: **May cause severe eye irritation.**  
Inhalation: **May cause irritation of the upper respiratory tract.**  
Ingestion: **May cause irritation of the digestive tract.**

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### SECTION 4: FIRST AID MEASURES

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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 to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms persist.**  
Ingestion: **If swallowed, rinse mouth with water. Do not induce vomiting. Get medical attention.**

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### SECTION 5: FIRE-FIGHTING MEASURES

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**Flammable:** Yes  
**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 2**            **Fire 3**            **Reactivity 0**            **Other NA**

### 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.



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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Occupational Exposure Limits:

Components	ACGIH-TLVs	OSHA-PELs
Ethyl Alcohol (CAS 64-17-5)	1000 ppm TWA (1900 mg/m <sup>3</sup> )	1000 ppm TWA (1900 mg/m <sup>3</sup> )
Propylene Glycol (CAS 57-55-6)	10 mg/m <sup>3</sup>	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.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Gel.  
Physical State: Gel.  
Form: Gel.  
Color: Clear.  
Odor: Mild alcoholic.  
pH: No information available.  
Boiling Point: 175°F  
Melting Point: No information available.  
Flash Point: 72°F closed cup  
Explosive Properties: No information available.  
Oxidizing Properties: No information available.  
Specific Gravity: 0.90  
Water Solubility: Soluble.  
Partition Coefficient: No information available.  
Viscosity: No information available.  
Vapor Pressure (mm Hg): 40  
Vapor Density (Air=1): 1.6  
Evaporation Rate: >1  
% Volatile: 100

### 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.



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Conditions to Avoid: Extreme heat and sources of ignition.  
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: Eyes.  
Chronic: Occupational exposure: Skin.

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

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:

Ethyl Alcohol:

- Oral (rodent, rat): 7060 mg/kg
- Inhalation: (rodent, rat): 20000 ppm/10H

Propylene Glycol (CAS 57-55-6)

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



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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:

Ethyl Alcohol:

EC50 Crustacea - Water Flea (*Daphnia magna*) 5012 mg/l 48 hours

EC50 Green algae (*Selenastrum capricornutum*) 1000 mg/l 96 hours

LC 50 Fathead Minnow (*Pimephales promelas*) 100 mg/l 96 hours

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

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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: UN Number: UN1170  
UN Proper Shipping Name: Ethanol Solution  
Transport Hazard Class: Class 3  
Labels: 3  
Packing Group: III  
Special Provisions: 24, B1, IB3, T2, TP!  
Packaging Exceptions: 4b, 150  
Packaging Non Bulk: 203  
Packaging Bulk: 242



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**IATA Classification:** UN Number: UN1170  
UN Proper Shipping Name: Ethanol Solution  
Transport Hazard Class: Class 3  
Packing Group: II  
Environmental Hazards: No  
ERG Code: 3L  
Passenger and cargo aircraft: Allowed.  
Cargo aircraft only: Allowed.

**IMDG Classification:** UN Number: UN1170  
UN Proper Shipping Name: Ethanol Solution Isopropanol (Isopropyl Alcohol)  
Transport Hazard Class: Class 3  
Packing Group: II  
Marine pollutant: No  
EmS: F-E, S-D

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### 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): Listed.  
Ethanol (CAS 64-17-5)

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT) Emergency Release Notification:  
Hazard Category: Immediate Hazard  
Fire Hazard

SARA 304 EMERGENCY RELIEF NOTIFICATION: Not regulated.

SARA 302 EXTREMELY HAZARDOUS SUBSTANCE: Not listed.

SARA 311/312 HAZARDOUS CHEMICAL: Yes

SARA 313 REPORTABLE INGREDIENTS: Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): 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:**

Ethanol (CAS 64-17-5)  
Triethanolamine (CAS 102-71-6)  
Propylene Glycol (CAS 57-55-6)

**Massachusetts RTK:**

Ethanol (CAS 64-17-5)  
Triethanolamine (CAS 102-71-6)

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Pennsylvania RTK:  
Ethanol (CAS 64-17-5)  
Propylene Glycol (CAS 57-55-6)  
Triethanolamine (CAS 102-71-6)

**INTERNATIONAL REGULATIONS:**

<u>Country or Region</u>	<u>Inventory Name</u>	<u>Listed</u>
Australia	Australia Inventory of Chemical Substances	Yes
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)	Yes
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	Yes

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: 06-15-2015

Version: 01

**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.





## 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

**Emergency overview** Contact with liquid may cause eye and skin irritation.

**Potential short term health effects**

**Routes of exposure** Eye, Skin contact, Skin absorption, Inhalation, Ingestion.

**Eyes** May cause irritation.

**Skin** In case of skin irritation, discontinue use of the product.

**Inhalation** Not a normal route of exposure. May cause respiratory tract irritation.

**Ingestion** Not a normal route of exposure. May cause stomach distress, nausea or vomiting.

**Target organs:** Eyes. Skin.

**Chronic effects** Prolonged or repeated exposure can cause drying, defatting and dermatitis.

**Signs and symptoms** Symptoms may include redness, edema, drying, defatting and cracking of the skin.

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

### SECTION 3: INFORMATION ON INGREDIENTS

Ingredient list	Cas #	%
Benzalkonium Chloride	8001-54-5	0.133%
Sodium bicarbonate	144-55-8	0.05%
Purified Water	7732-18-5	QS to 100



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### 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.

### SECTION 5: FIRE-FIGHTING MEASURES

**Flammable properties** Not flammable by OSHA criteria

#### Extinguishing media

**Suitable extinguishing media** Treat for surrounding material.

**Unsuitable extinguishing media** Not available

#### Protection of firefighters

##### 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.

#### Explosion data

##### Sensitivity to mechanical impact

Not available

**Sensitivity to static discharge** Not available

### 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.



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### SECTION 8: EXPOSURE CONTROLS

**Engineering controls** General ventilation normally adequate.

**Personal protective equipment**

**Eye / face protection** Follow standard industrial hygiene practices.

**Hand protection** Not required.

**Skin and body protection** As required by employer code.

**Respiratory protection** Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Liquid saturated on wipe

**Color** clear liquid

**Form** Liquid saturated on wipe.

**Odor** Characteristic

**Odor threshold** Not available

**Physical state** Solid

**pH** Not available

**Melting point** Not available

**Freezing point** Not available

**Boiling point** 101.11 °C (214 °F)

**Flash point** Not available

**Evaporation rate** Not available

**Flammability limits in air, lower, % by volume** Not available

**Flammability limits in air, upper, % by volume** Not applicable

**Vapor pressure** Not available

**Vapor density** Not available

**Specific gravity** Not available

**Octanol/water coefficient** Not available

**Solubility (H<sub>2</sub>O)** Not available

**Auto-ignition temperature** Not available

**VOC (Weight %)** Not available

**Viscosity** Not available

**Percent volatile** Not available

### SECTION 10: STABILITY AND REACTIVITY

**Chemical stability** Stable under recommended storage conditions.

**Conditions to avoid** Do not mix with other chemicals.

**Incompatible materials** Caustics. Acids. Oxidizers.

**Hazardous decomposition products** May include and are not limited to: Oxides of carbon. Hydrogen chloride.

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



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### **SECTION 11: TOXICOLOGICAL INFORMATION**

#### **Effects of acute exposure**

**Eye** May cause irritation.

**Skin** In case of skin irritation, discontinue use of the product.

**Inhalation** Not a normal route of exposure. May cause respiratory tract irritation.

**Ingestion** Not a normal route of exposure. May cause stomach distress, nausea or vomiting.

**Sensitization** Non-hazardous by WHMIS/OSHA criteria.

**Chronic effects** Non-hazardous by WHMIS/OSHA criteria.

**Carcinogenicity** Non-hazardous by WHMIS/OSHA criteria.

**Mutagenicity** Non-hazardous by WHMIS/OSHA criteria.

**Reproductive effects** Non-hazardous by WHMIS/OSHA criteria.

**Teratogenicity** 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: DISPOSABLE INFORMATION**

**Waste codes** Not available

**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: TRANSPORTATION 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**

**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.

**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.

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

29 CFR 1910.1200 hazardous No chemical



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### **SECTION 16: OTHER INFORMATION**

**Issue Date:** 6-18-14

**Revision Date:** 4-1-15

**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

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Issue Date: 07/30/14

### SECTION 1: Identification

#### 1.1. Product identifier

COOL™ Instant Cold Pack Urea INST56U, INST57U, INST68U

#### Product Identification Numbers

INST5624U, INST5680U, INST5650BXU, INST5716U, INST5724U, INST5748U, INST6816U, INST6824U

#### 1.2. Recommended use and restrictions on use

##### Recommended use

Instant cold pack for First Aid & Therapy

#### 1.3. Supplier's details:

<b>MANUFACTURER:</b>	Nortech Labs Inc
<b>ADDRESS:</b>	125 Sherwood Ave, Farmingdale NY 11735
<b>TELEPHONE:</b>	888-COLD-PAK (265-3725)

#### 1.4. Emergency telephone number

CHEMTREC – (800) 424-9300

### SECTION 2: Hazard 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.

#### 2.3. Hazards not otherwise classified

None.

### SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	% by Wt
UREA	57-13-6	42 - 52
WATER	7732-18-5	40 - 50
OUTER FILM	None	5 - 10
INNER FILM	None	1 - 3

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### Inhalation:

No need for first aid is anticipated.

##### Skin Contact:

Wash with soap and water. If signs/symptoms develop, get medical attention.

##### Eye Contact:

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

##### If Swallowed:

Rinse mouth. If you feel unwell, get medical attention.

#### 4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1. Information on toxicological effects.

#### 4.3. Indication of any immediate medical attention and special treatment required

Not applicable

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable extinguishing media

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

#### 5.2. Special hazards arising from the substance or mixture

None inherent in this product.

#### Hazardous Decomposition or By-Products

##### Substance

Carbon monoxide  
Carbon dioxide

##### Condition

During Combustion  
During Combustion

#### 5.3. Special protective actions for fire-fighters

No special protective actions for fire-fighters are anticipated.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the area with fresh air.

**6.2. Environmental precautions**

Avoid release to the environment.

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

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with water. Seal the container. Dispose of collected material as soon as possible.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

**7.2. Conditions for safe storage including any incompatibilities**

No special storage requirements. If possible, store in a cool dry place

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Occupational exposure limits**

Ingredient	C.A.S. No.	Agency	Limit type	Additional Comments
UREA	57-13-6	AIHA	TWA(as total particulates):10 mg/m3	

ACGIH : American Conference of Governmental Industrial Hygienists AIHA :

American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

OSHA : United States Department of Labor - Occupational Safety and Health Administration TWA:

Time-Weighted-Average

STEL: Short Term Exposure Limit CEIL:

Ceiling

**8.2. Exposure controls****8.2.1. Engineering controls**

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

**8.2.2. Personal protective equipment (PPE)****Eye/face protection**

None required.

**Skin/hand protection**

No chemical protective gloves are required.

**Respiratory protection**

None required.

**SECTION 9: Physical and chemical properties**



**9.1. Information on basic physical and chemical properties**

<b>General Physical Form:</b>	Liquid
<b>Odor, Color, Grade:</b>	White liquid with hazy color
<b>Odor threshold</b>	<i>No Data Available</i>
<b>pH</b>	7
<b>Boiling Point</b>	212 °F
<b>Flash Point</b>	No flash point
<b>Evaporation rate</b>	<i>No Data Available</i>
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Flammable Limits(LEL)</b>	<i>Not Applicable</i>
<b>Flammable Limits(UEL)</b>	<i>Not Applicable</i>
<b>Vapor Pressure</b>	760 mmHg
<b>Density</b>	<i>No Data Available</i>
<b>Specific Gravity</b>	1.33
<b>Solubility in Water</b>	Complete
<b>Solubility- non-water</b>	<i>No Data Available</i>
<b>Partition coefficient: n-octanol/ water</b>	<i>No Data Available</i>
<b>Autoignition temperature</b>	<i>No Data Available</i>
<b>Decomposition temperature</b>	<i>No Data Available</i>
<b>Viscosity</b>	<i>No Data Available</i>

<b>SECTION 10: Stability and reactivity</b>
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**10.1. Reactivity**

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

**10.2. Chemical stability**

Stable.

**10.3. Possibility of hazardous reactions**

Hazardous polymerization will not occur.

**10.4. Conditions to avoid**

Sparks and/or flames

**10.5. Incompatible materials**

None known.

**10.6. Hazardous decomposition products****Substance**

None known.

**Condition**

Refer to section 5.2 for hazardous decomposition products during combustion.

## SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

### 11.1. Information on Toxicological effects

#### Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

#### Inhalation:

No health effects are expected.

#### Skin Contact:

Contact with the skin during product use is not expected to result in significant irritation.

#### Eye Contact:

Contact with the eyes during product use is not expected to result in significant irritation.

#### Ingestion:

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

#### Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

#### Acute Toxicity

Name	Route	Species	Value
Overall product	Ingestion		No data available; calculated ATE > 5,000 mg/kg

ATE = acute toxicity estimate

#### Skin Corrosion/Irritation

Name	Species	Value

#### Serious Eye Damage/Irritation

Name	Species	Value

#### Skin Sensitization

Name	Species	Value

#### Respiratory Sensitization

Name	Species	Value

#### Germ Cell Mutagenicity

Name	Route	Value

#### Carcinogenicity

Name	Route	Species	Value

**Reproductive Toxicity**

**Reproductive and/or Developmental Effects**

Name	Route	Value	Species	Test Result	Exposure Duration

**Target Organ(s)**

**Specific Target Organ Toxicity - single exposure**

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration

**Specific Target Organ Toxicity - repeated exposure**

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration

**Aspiration Hazard**

Name	Value

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

**SECTION 12: Ecological information**

**Eco toxicological information**

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

**Chemical fate information**

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

**SECTION 13: Disposal considerations**

**13.1. Disposal methods**

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

Prior to disposal, consult all applicable authorities and regulations to insure proper classification. Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Empty and clean product containers may be disposed as non-hazardous waste. Consult your specific regulations and service providers to determine available options and requirements.

**EPA Hazardous Waste Number (RCRA):** Not regulated

**SECTION 14: Transport Information**

For Transport Information, please call 888-COL-PAK (265-3725)

**SECTION 15: Regulatory information****15.1. US Federal Regulations**

Contact Nortech Labs Inc for more information.

**311/312 Hazard Categories:**

Fire Hazard - No    Pressure Hazard - No    Reactivity Hazard - No    Immediate Hazard - No    Delayed Hazard - No

**15.2. State Regulations**

Contact Nortech Labs Inc for more information.

**15.3. Chemical Inventories**

The components of this product are in compliance with the chemical notification requirements of TSCA.

Contact Nortech Labs Inc for more information.

**15.4. International Regulations**

Contact Nortech Labs Inc for more information.

**This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.**

**SECTION 16: Other information****NFPA Hazard Classification**

**Health: 1 Flammability: 1 Instability: 1 Special Hazards: None**

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

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# SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.	<b>HMIS HAZARD RATING</b>			
<b>SAFETEC OF AMERICA</b>	HEALTH	1	0 = INSIGNIFICANT	3 = HIGH
	FLAMMABILITY	0	1 = SLIGHT	4 = EXTREME
	REACTIVITY	0	2 = MODERATE	

## SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST) <b>Safetec® First Aid Burn Cream</b>		Page 1 of 2
MANUFACTURER'S NAME Safetec of America, Inc.	EMERGENCY TELEPHONE NUMBER (24 Hours) (800) 255-3924	
ADDRESS (NUMBER, STREET, P.O. BOX) 887 Kensington Ave.	TELEPHONE NUMBER FOR INFORMATION (716) 895-1822	
(CITY, STATE AND ZIP CODE) Buffalo, NY 14215	DATE PREPARED April 2, 2014	SUPERSEDES August 13, 2013

## SECTION 2 - HAZARDS IDENTIFICATION

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE	
SKIN: No adverse conditions expected.	
INHALATION: Unlikely route of exposure.	
EYES: May cause irritation, characterized by a burning sensation, redness, tearing, inflammation, dryness, and possible other effects.	
INGESTION: May cause irritation of the digestive tract.	
HEALTH HAZARDS (ACUTE):	Acute effects are possible irritation and discomfort.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin, or eye disorders may become aggravated through prolonged exposure.	

## SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))	CAS #	% (wt.) (OPTIONAL)	OSHA PEL/STEL	ACGIH TLV/TWA/STEL
			PPM	MG/M <sup>3</sup>
Lidocaine HCl	50-03-3	0.5	None Established	None Established
Benzalkonium Chloride	68391-01-5	0.13	None Established	None Established
Ethyl Alcohol	64-17-5	Proprietary	None Established	None Established
Germaben II	No information Available	Proprietary	None Established	None Established

This product is not known to contain a substance subject to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR 372 at or above minimal amounts.

## SECTION 4 - FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES	
SKIN: No adverse conditions expected	
INHALATION: None expected.	
EYES: Flush eyes with water for a minimum of 15 minutes while holding eyelids open; if irritation persists seek medical attention.	
INGESTION: Contact a physician immediately.	

## SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED) Not applicable	FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component)	
	LEL: Not Applicable	UEL: Not Applicable
EXTINGUISHING MEDIA Use extinguishing media appropriate for the surrounding fire. Use water spray, foam or dry chemicals.		
SPECIAL FIRE FIGHTING PROCEDURES DO NOT enter confine fire space without full bunker gear (Helmet with face shield, bunker coats, gloves and rubber boots.) Wear NIOSH/MSHA approved self contained breathing apparatus. Cool fire exposed containers with water.		
UNUSUAL FIRE AND EXPLOSIVE HAZARDS Carbon monoxide and carbon dioxide may be generated.		

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED Spills should be collected with approved inert absorbent for disposal. Use suitable disposal containers.
--

## SECTION 7 - HANDLING AND STORAGE

Handling: Keep this and other chemicals out of reach of children. Storage: Do not store or mix with strong acids or oxidizers.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION Ordinary, none required	VENTILATION LOCAL EXHAUST: None Required MECHANICAL (GENERAL): No
PROTECTIVE GLOVES Ordinary, none required	EYE PROTECTION As necessary to prevent excessive contact.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT Ordinary, none required	WORK/HYGIENIC PRACTICES Practice safe work habits. Use according to label instructions.

## SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT 135°C 275°F	SPECIFIC GRAVITY (WATER = 1) 0.99
VAPOR PRESSURE (mm Hg) No data	MELTING POINT 60°C (140°F)
VAPOR DENSITY (AIR = 1) No data	pH (1% solution in water) No data
SOLUBILITY IN WATER Miscible	EVAPORATION RATE (IPA = 1) 0.07
APPEARANCE AND ODOR White to Off-white Homogenous Cream	% VOLATILES (BY VOLUME) 65

**MATERIAL SAFETY DATA SHEET**

IDENTITY (AS USED ON LABEL AND LIST)

Page 2 of 2

Safetec® First Aid Burn Cream

Date: April 2, 2014

**SECTION 10 - STABILITY AND REACTIVITY**

STABILITY	UNSTABLE:		CONDITIONS TO AVOID
	STABLE:	XXX	Extreme temperatures
INCOMPATIBILITIES (MATERIALS TO AVOID)			
Strong oxidizing agents, strong acids			
HAZARDOUS DECOMPOSITION OR BYPRODUCTS			
Decomposition will not occur if handled / stored properly. Thermal decomposition may produce carbon monoxide, small amounts of nitrogen oxides, halogenated compounds or propionaldehyde may also be formed.			
HAZARDOUS POLYMERIZATION	MAY OCCUR:		CONDITIONS TO AVOID
	WILL NOT OCCUR:	XXX	None known

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Component analysis - LC50: N/A
Component analysis - LD50: N/A
Effects of acute exposure: Possible irritation and discomfort.
Sensitization: Non-hazardous by WHMIS/OSHA criteria.
Chronic Effects: possible with the ingestion of large amounts to the nervous system. Do not use on abraded skin. Prolonged or repeated exposure may irritate eyes.
Carcinogenicity: Non-hazardous by WHMIS/OSHA criteria.
Mutagenicity: Non-hazardous by WHMIS/OSHA criteria.
Reproductive Effects: Non-hazardous by WHMIS/OSHA criteria.
Teratogenicity: Non-hazardous by WHMIS/OSHA criteria.

**SECTION 12 - ECOLOGICAL INFORMATION**

Component analysis - LC50: N/A
Component analysis - LD50: N/A
Ecotoxicity: N/A
Environmental Effects: N/A
Aquatic Toxicity: N/A
Persistence / degradability: N/A
Bioaccumulation / accumulation: N/A
Partition coefficient: N/A
Mobility in environmental media: N/A
Chemical fate information: N/A
Other adverse effects: N/A

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Dispose of in accordance with Local, State, and Federal regulations. Products classified as non-hazardous may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260-299" for complete waste disposal regulations. Consult your Local, State, or Federal Environmental Protection Agency before disposing of any chemicals.
Waste from residues/unused product: N/A
Contaminated Packaging: N/A

**SECTION 14 - TRANSPORTATION INFORMATION**

PROPER SHIPPING NAME	First Aid Cream		
HAZARD CLASS/PKG. GRP.	Not Applicable	REF.	Not Applicable
IDENTIFICATION NUMBER	Not Applicable	LABEL	None Required Ground

**SECTION 15 - REGULATORY INFORMATION**

Canadian Federal Regulation: N/A
US Federal Regulation: This product is 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.
<b>Occupational Safety and Health Administration (OSHA)</b>
29 CFR 1910.1200 hazardous chemical- Yes
CERCLA (Superfund) reportable quantity - N/A
Superfund Amendments and Reauthorization Act of 1986 (SARA) - N/A
Clean Air Act (CAA) - N/A
Clean Water Act (CWA) - N/A
Safe Drinking Water Act (SDWA) - N/A
Drug Enforcement Agency (DEA) - N/A
Food and Drug Administration (FDA) - N/A
WHMIS classification - N/A
State regulations - N/A
Inventory Name - N/A

**SECTION 16 - OTHER INFORMATION**

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.

Date Prepared: April 2, 2014

# SAFETY DATA SHEET

Issuing Date 05-June-2015

Revision Date 03-July-2015

Revision Number 3



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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 1910.1200 (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****Eye contact**

The product is for cleansing the eye to help relieve irritation or burning by removing loose foreign material.

**Skin contact**

None

**Inhalation**

None

**Ingestion**

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 (H3BO3) 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		
Appearance	Clear, colorless. No visual impurities	<b>Odor</b>	Odorless
Color	No information available	<b>Odor Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
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	None known	

### 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 (H3BO3) 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 (H3BO3) 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 (H3BO3) 10043-35-3	Toxic

## 14. TRANSPORT INFORMATION

### DOT

Proper Shipping Name

NOT REGULATED  
NON REGULATED





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

NFPA	Health Hazards 0	Flammability 0	Instability 0	Physical and Chemical Hazards -
HMIS	Health Hazards 0	Flammability 0	Physical Hazard 0	Personal Protection X

**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**





## SAFETY DATA SHEET

### SECTION 1: PRODUCT IDENTIFICATION

**PRODUCT:** Alcohol Prep Pads  
**Product Label Name:** Dukal Alcohol Prep Pads (private label included)

**Company Name and Address:** Dukal Corporation  
2 Fleetwood Court  
Ronkonkoma, NY 11779  
**Emergency Telephone Number:** 631-656-3800

**Recommended use:**

### SECTION 2: HAZARDOUS INGREDIENTS

Hazardous Components	OSHA PEL	ACGIH TLV	Other	%
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(optional) (Specific Chemical Identity Common Name(s))

Isopropanol:	(CAS No. 67-63-0)	400ppm	400ppm	
--------------	-------------------	--------	--------	--

N/A	70% NFPA	Health = 1	Flammability = 3	Reactivity = 0
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### SECTION 3: INFORMATION ON INGREDIENTS

**Chemical name and Synonyms:** Isopropyl Alcohol

**Chemical Formula:** CH<sub>3</sub>CHOHCH<sub>3</sub>

### SECTION 4: FIRST-AID MEASURES

#### Route(s) of Entry:

Inhalation?	None Known
Skin?	Topically Applied
Eyes?	Will sting if splashed in eyes
Ingestion?	None

#### Health Hazards (Acute and Chronic):

Inhalation	None
Skin Contact	If rash or irritation develops, discontinue use.
Eye Contact	Rinse with cool water.
Ingestion	If ingested, seek medical attention.





## SAFETY DATA SHEET

### Carcinogenicity

NTP?	N/A
LARC Monograph?	N/A
OSHA Regulated?	N/A

**Signs and Symptoms of Exposure:** Coughing, dizziness and watery eyes

**Medical Conditions Generally Aggravated by Exposure:** Sensitive or inflamed skin may become irritated.

**Emergency and First Aid Procedures:** If large quantities are ingested, administer warm water and contact physician. With eye contact, flush with water. If irritation persists, contact physician.

### **SECTION 5: FIRE-FIGHTING MEASURES**

<b>Flash Point (Method Used):</b>	68.5° F TOC
<b>Flammable Limits:</b>	750 F
<b>LEL:</b>	2%
<b>UEL:</b>	12%
<b>Extinguishing Media:</b>	Alcohol Resistant Foam, CO <sub>2</sub> , or Dry Chemical Handle as a Flammable
<b>Special Fire Fighting Procedures:</b>	Liquid
<b>Unusual Fire and Explosion Hazards:</b>	Respiratory Protection Required for Firefighting Personnel

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

Eliminate all sources of ignition and flush with large quantities is of water spray  
Disposal should be in accordance with local, state/provincial and Federal regulations.

### **SECTION 7: HANDLING AND STORAGE**

None

### **SECTION 8: EXPOSURE CONTROLS**

**Respiratory Protection (Specific Type):** N/A

#### Ventilation

<b>Local Exhaust:</b>	None
<b>Mechanical (General):</b>	None
<b>Special:</b>	N/A
<b>Other:</b>	N/A
<b>Protective Gloves:</b>	N/A
<b>Eye protection:</b>	Goggles; Use eye bath if eye contact occurs.
<b>Other Protective Clothing or Equipment:</b>	N/A

**Work / Hygiene Practices:** Good hygienic practice



## SAFETY DATA SHEET

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Individually sealed Alcohol Prep Packet
<b>Boiling Point:</b>	80.2 deg C
<b>Vapor Pressure (mm Hg):</b>	33mmHG @ 20 Deg C
<b>Vapor Density:</b>	2.1
<b>Specific Gravity:</b>	0.8405
<b>Melting Point:</b>	-31.5 deg C
<b>Evaporation Rate (Butyl Acetate=1):</b>	N/A
<b>Solubility in Water:</b>	Pad is not soluble in water
<b>Appearance and Odor:</b>	White Non Woven cloth saturated with Alcohol Solution, mild alcohol odor

### SECTION 10: STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Incompatibility (Materials to Avoid):</b>	None Known
<b>Hazardous Decomposition or Byproducts:</b>	None Known
<b>Hazardous Polymerization:</b>	Will Not Occur

### SECTION 11: TOXICOLOGICAL INFORMATION

None

### SECTION 12: ECOLOGICAL INFORMATION

None

### SECTION 13: DISPOSABLE INFORMATION

None

### SECTION 14: TRANSPORTATION INFORMATION

- 14.1 UN Number: 3175 with special provisions: IATA A46, ADR 216 & 274, IMDG 216 & 274.
- 14.2 UN Proper Shipping Name: SOLIDS CONTAINING FLAMMABLE LIQUID N.O.S (propan-2-ol)
- 14.3 Transport hazard class(es): 4.1
- 14.4 Packing groups: II
- 14.5 Environmental hazards: Not marine pollutant/environmentally hazardous
- 14.6 Special precautions for user  
Not applicable
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  
Not applicable

### SECTION 15: REGULATORY INFORMATION

None

## SAFETY DATA SHEET



### **SECTION 16: OTHER INFORMATION**

**Prepared By:** Kara Mckigney

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**Disclaimer:**

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