



## 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:** This product is intended for use as a skin antiseptic. It is for external use only.

### SECTION 2: HAZARDOUS IDENTIFICATION

**Hazardous Classification:** This material contains components that are considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). Flammable

**Signal Word, Cautions or Precautionary statements:** Keep out of reach of children. Flammable.  
Target Organs = respiratory system, skin, eyes, CNS, liver, blood and reproductive system.

**Potential Health Effects:** See Section 11 for more information.

**Symptoms of Exposure:** **Inhalation:** May cause irritation of the respiratory tract. Exposure at High concentrations may cause dizziness, drowsiness, headaches, mental confusion, and lung damage. **Ingestion:** May cause nausea, vomiting and diarrhea. . Large concentrations may cause irritation of nasal, esophageal and digestive tract. A large dose may cause may cause dizziness, drowsiness, headaches, mental confusion, and lung damage **Eyes:** May cause irritation to the eyes. **Skin:** None expected except prolonged contact may result in irritation and dermatitis.

**Carcinogens:** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.). **Potential Environmental Effects:** See Section 12 for more information.

### SECTION 3: INFORMATION ON INGREDIENTS

Component Name	CAS #	Concentration	R Phrase	Hazard Class
Isopropyl Alcohol	67-63-0	>60%	R11	F



## SAFETY DATA SHEET

### **SECTION 4: FIRST-AID MEASURES**

**Emergency first aid procedures by route of exposure:**

**Inhalation:** If symptoms are experienced, remove source of contamination or move victim to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

**Ingestion:** Do not induce vomiting. If the material is swallowed have victim drink 1-3 glasses of water to dilute stomach contents. Seek medical attention or advice.

**Skin:** If irritation is experienced, flush with water. If irritation persists, seek medical attention.

**Eyes:** Immediately flush eyes with water for at least 15 minutes holding the eye open. Seek medical attention if irritation persists

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

**Flammability Classification:** Flammable Liquid IB Extinguishing Media: Use methods appropriate for the surrounding fire. Consider water spray or fog, carbon dioxide, dry chemical powder, or alcohol resistant foam. **Products of Combustion:** Upon decomposition this product may emit carbon dioxide, carbon monoxide and/or low molecular weight hydrocarbons.

**Fire Fighting Equipment/Instructions:** Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self contained breathing apparatus.

**NFPA Rating:** Health: 2 Fire: 3 Reactivity: 0 Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

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

**Personal Precautions:** For large spills wear gloves, safety glasses and when levels exceed OSHA PEL use appropriate NIOSH approved respiratory protection. Keep unnecessary personnel away. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.

**Environmental Precautions:** Prevent discharge to open waters.

**Method for Containment:** Absorb spilled liquid in suitable non-flammable inert material such as clay, vermiculite or diatomaceous earth.

**Methods for Clean-Up:** Ventilate area of leak or spill. Use spark-proof tools to sweep or scrape up and containerize in approved chemical waste container. Wash spill area with water.

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

**Handling:** Keep away from heat, sparks and flame. Prevent contact with eyes. Avoid inhalation. Use in well ventilated area

**Storage:** Keep the container tightly closed and in a cool, well ventilated place.

**SECTION 8: EXPOSURE CONTROLS**

**Isopropyl Alcohol (67-63-0)**

**ACGIH:** 200 ppm TWA

**OSHA:** 400 ppm TWA; 980 mg/m<sup>3</sup> TWA

**Engineering Controls:** Normal room ventilation is usually adequate under normal use.

**Personal Protective Equipment (PPE)**

**Eye/Face Protection:** None needed under normal use – Wear goggles is exposed to unusual amount and splashing

**Skin Protection:** None needed under normal use -- Wear overalls or apron if splashing is possible

**Respiratory Protection:** may be needed if vapor concentrations are high.

**General Hygiene Considerations:** None needed under normal use.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Non-woven cloth saturated with liquid

**Appearance/Color:** Clear

**Odor:** Alcohol

**PH:** Not Available.

**Vapor Density:** 2.1 (air=1)

**Boiling Point:** 80°C

**Vapor Pressure:** No data

**Melting Point:** No data

**Freezing Point:** Not Available

**Flammability Properties** (see section 5)

**Solubility (in water):** Soluble

**Specific Gravity @ 25°C:** 0.88-0.92

**Evaporation Rate:** Not Available

**Octanol/Water partition coefficient :** Not Available

**Auto-ignition temperature:** Not Available

**Decomposition temperature:** Not Available

**SECTION 10: STABILITY AND REACTIVITY**

**Stability:** Stable under normal ambient temperatures 70°C (21°C)

**Condition to Avoid:** Avoid excessive heat or sources of ignition.

**Incompatible Materials:** This product reacts with strong acid, strong bases, and oxidizing agents.

**Hazardous Decomposition:** Upon decomposition, this product evolves carbon monoxide, carbon dioxide, and/or low weight hydrocarbons.

**Hazardous Reactions:** Hazardous polymerization will not occur.





## SAFETY DATA SHEET

### SECTION 11: TOXICOLOGICAL INFORMATION

#### ACUTE EFFECTS:

##### A: General Product information

Product contains isopropyl alcohol.

##### B: Acute Toxicity

Low order of acute toxicity is possible.

#### CHRONIC EFFECTS: Component

**Isopropyl Alcohol (67-63-0)** -- This product is not expected to cause long term adverse effects

**Carcinogenicity:** ACGIH A4 – Not Classifiable as a Human Carcinogen

**Neurotoxicity:** No information available

**Mutagenicity:** No information available for product.

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

**Developmental:** This product is not expected to cause reproductive health effects.

**Target Organs:** When consumed, ethyl alcohol can target the respiratory system, skin, eyes, CNS, liver, blood and reproductive system.

### SECTION 12: ECOLOGICAL INFORMATION

Solutions of alcohols are toxic to aquatic life at moderate to low concentrations. No long-term ecological effects are likely.

Concentrated solutions of alcohols and surfactants may cause damage to aquatic and terrestrial plants.

### SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with federal state and local regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld near container. Do not incinerate closed containers. Empty containers may contain hazardous residues. Dispose of containers with care.

### SECTION 14: TRANSPORTATION INFORMATION

**DOT CFR 172.01 Data:** Isopropanol Solution (3) Flammable Liquid UN1219 PGII

**UN Proper Shipping Name:** Isopropanol Solution

**UN Class** (3) Flammable Liquid

**UN Number** 1219

**Packaging Group** II

### SECTION 15: REGULATORY INFORMATION

Labeling Information: Flammable



## SAFETY DATA SHEET

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

**Issue Date:** 3-26-14

**Revision Date:** 3-16-15

**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

---

### 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: 08-25-2015

---

### 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

### 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 57-55-8)	NE	5 mg/m <sup>3</sup>		Aerosol
Propylene Glycol (CAS 57-55-6)	10 mg/m <sup>3</sup>	NE	NE	Aerosol

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

Ventilation and Engineering Controls: Ensure adequate ventilation.

Personal Protective Equipment:  
Hand Protection: None required under normal conditions.  
Eye and Face Protection: None required under normal conditions.  
Skin Protection: Eye protection, as necessary to prevent excessive contact.  
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:** 08-25-2015

**Version:** 02

**Disclaimer:**

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



## 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





## SAFETY DATA SHEET

### 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.

**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.

**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





## SAFETY DATA SHEET

### **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

---

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

---

Product Identifier #007

Product Name First Aid Burn Cream

Product Use Topical Antiseptic and Analgesic Skin Cream

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

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

Issue Date: 08-25-2015

---

### SECTION 2: HAZARDS IDENTIFICATION

---

#### Emergency Overview:

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

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

#### Warnings: For External Use Only.

When using this product, avoid contact with the eyes.

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

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

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

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

#### Label Elements:

Hazard Symbol: None

Signal Word: None

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

#### Precautionary Statement:

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

#### Hazards not otherwise

Classified (HNOC): None known.

Supplemental Information: None.





## SAFETY DATA SHEET

### Route of Entry:

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

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### Mixtures

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

### SECTION 4: FIRST AID MEASURES

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

### SECTION 5: FIRE-FIGHTING MEASURES

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

NFPA    Health 1    Fire 0    Reactivity 0    Other NA



## 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 57-55-8)	NE	5 mg/m3		Aerosol
Propylene Glycol (CAS 57-55-6)	10 mg/m3	NE	NE	Aerosol
Triethanolamine (CAS 102-71-6)	5 mg/m3	NE	NE	Aerosol

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

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

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

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



## SAFETY DATA SHEET

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

pH: No information available.  
Boiling Point: 275°F  
Melting Point: No information available.  
Flash Point: N/A

Explosive Properties: No information available.  
Oxidizing Properties: No information available.  
Specific Gravity: 0.81  
Water Solubility: Miscible.  
Partition Coefficient: No information available.  
Viscosity: No information available.  
Vapor Pressure (mm Hg): No information available.  
Vapor Density (Air=1): No information available.  
Evaporation Rate: No information available.  
% Volatile: No information available.

### 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:  
Mist 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 expected.

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

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

**Triethanolamine:**

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

**Glycerin (Mist):**

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

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

**Reproductive Toxicity:**

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

**Teratogenicity:** Not available.

**Reproductive Toxicity:** Not available.

---

**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



## SAFETY DATA SHEET

Triethanolamine:

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

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

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

### 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)

Triethanolamine (CAS 102-71-6)

Massachusetts RTK:

Triethanolamine (CAS 102-71-6)

Pennsylvania RTK:

Propylene Glycol (CAS 57-55-6)

Triethanolamine (CAS 102-71-6)



---

**SAFETY DATA SHEET**

---

**INTERNATIONAL REGULATIONS:**

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

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

---

**SECTION 16: OTHER INFORMATION**

---

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

**Version:** 02

**Disclaimer:**

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