

# SAFETY DATA SHEET



**Issue Date:** 10/2016

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## **SECTION 1: IDENTIFICATION OF THE SUBSTANCE / PREPARATION / COMPANY / UNDERTAKING**

### **Product Identifier**

**Product Name:** BurnFree Burn Dressings, Blankets, and Gel

### **Other Means of Identification**

**Synonyms:** Emergency Burn Treatment

### **Recommended Use of the Chemical and Restrictions on Use**

**Recommended Use:** Products are intended for first aid treatment of burns to ease pain and to provide a carrier against contamination until medical assistance is provided. This SDS is for the gel. The foam does not require an SDS.

**Uses Advised Against:** No information available

### **Supplier Details**

**Manufacturer:** Water-Jel Technologies L.L.C  
50 Broad Street  
Carlstadt, NJ 07072  
USA

**Telephone:** 801.569.9090 / 201.507.8300

**Web Address:** [www.burnfree.com](http://www.burnfree.com)

**Emergency Telephone:** 800.275.3433

**Fax:** 801.569.3733

**Issue Date:** 10-2016

## **SECTION 2: HAZARDS IDENTIFICATION**

### **Emergency Overview**

**Classification:** This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

## GHS Label Elements, Including Precautionary Statements

The product contains no substances which at their given concentration, are considered to be hazardous to health.

**Appearance:** Clear to Slightly Yellow  
**Physical State:** Gel Liquid  
**Odor:** Negligible

### **Precautionary Statements:**

<b>Prevention:</b>	Obtain instructions before use
<b>Response:</b>	None
<b>Storage:</b>	None
<b>Disposal:</b>	None
<b>Hazards not otherwise classified (HNOC):</b>	Not Applicable
<b>Unknown Toxicity:</b>	0.68% of the mixture consists of ingredient(s) of unknown toxicity
<b>Other Information:</b>	May cause slight eye irritation
<b>Interactions with other Chemicals:</b>	No Information Available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>%</u>
Glycerin	56-81-5	0 - 2
Sodium Hydroxide	1310-73-2	0 - 2

## SECTION 4: FIRST AID MEASURES

**Skin Contact:** Wash with soap and water. 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. Remove to Fresh Air.  
**Ingestion:** May cause irritation of the digestive tract. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.  
**Most important Symptoms and Effects:** No information available  
**Indications of Any Immediate Medical Attention and Special Treatment Needed:** Treat Symptomatically

## SECTION 5: FIRE-FIGHTING MEASURES

**Means of Extinguishing:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
**Unsuitable Means of Extinguishing:** NONE; Gels is self extinguishing  
**Specific Hazards Arising From Chemical:** No Information Available  
**Hazardous Combustion Products:** Carbon Oxides  
**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  
**Protective Equipment and Precaution for Fire Fighters:** As in any fire, wear self-contained breathing apparatus pressure –demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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

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

**Environmental Precautions:** Avoid discharge into drains and water sources. Refer to protective measures listed in section(s) 7 and 8.

### **Methods and materials for containment and clean up:**

**Methods for Containment:** Prevent further leakage or spillage if safe to do so

**Methods for Cleaning Up:** Soak up with inert absorbent material. Pick up and transfer to properly labeled containers

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

**Handling Procedures and Equipment:** Keep this and other chemicals out of the reach of children. Handle in accordance with good industrial hygiene and safety practices.

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

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

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

### **Control Parameters/Occupational Exposure Limits/Guidelines:**

<b>Components</b>	<b>ACGIH-TLVs</b>	<b>OSHA-PEL</b>	<b>NIOSH</b>
Glycerin (CAS 56-81-5)	TWA: 10/mg/m <sup>3</sup> mist	TWA: 15 mg/m <sup>3</sup> mist, total particulate TWA: 5 mg/m <sup>3</sup> mist, respirable fraction (entleert) TWA: 10 mg/m <sup>3</sup> mist, total particulate (entleert) TWA: 5 mg/m <sup>3</sup> mist, respirable fraction	

**Engineering Measures:** Showers, Eye Wash Stations, and Ventilation Systems  
**Eye and Face Protection:** Avoid Contact With Eyes  
**Skin and Body Protection:** None required under normal conditions.  
**Respiratory Protection:** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.  
**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practices.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Clear to Slightly Yellow  
**Physical State:** Gel, Liquid  
**Color:** No information Available  
**Odor:** Negligible  
**Odor Threshold:** No information available

Property	Values	Remarks Method
pH	4.5 – 7.5	None Known
Boiling Point	98 °C / 208 °C	None Known
Melting Point	No Information Available	None Known
Flash Point	No Information Available	None Known
Evaporation Rate	No Information Available	None Known
Flammability (Solid, Gas)	No Information Available	None Known
Flammability Limit in Air:		
Upper Flammability Limit	No Information Available	None Known
Lower Flammability Limit	No Information Available	None Known
Vapor Pressure (mm Hg)	No Information Available	None Known
Vapor Density (Air=1)	No Information Available	None Known
Specific Gravity	0.973	None Known
Water Solubility	Completely Soluble	None Known
Solubility in other Solvents	No Information Available	None Known
Partition Coefficient: n-octanol/water	4	None Known
Autoignition Temperature	N/A	None Known
Decomposition Temperature	No Information Available	None Known
Kinematic Viscosity	No Information Available	None Known
Dynamic Viscosity	8000cps	None Known
Explosive Properties	No Information Available	None Known
Oxidizing Properties	No Information Available	None Known

#### Other Information

<b>Softening Point:</b>	No Information Available
<b>VOC Content (%):</b>	No Information Available
<b>Particle Size:</b>	No Information Available
<b>Particle Size Distribution:</b>	No Information Available

#### SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity:</b>	No Information Available
<b>Chemical Stability:</b>	Stable under recommended storage conditions
<b>Possibility of Hazardous Reactions:</b>	None under normal processing
<b>Hazardous Polymerization:</b>	Does not occur
<b>Conditions to Avoid:</b>	None known based on information supplied
<b>Incompatible Materials:</b>	None known based on information supplied
<b>Hazardous Decomposition Products:</b>	Carbon Oxide(s)

#### SECTION 11: TOXICOLOGICAL INFORMATION

##### Information on Likely Routes of Exposure

<b>Inhalation:</b>	Specific test data for substance or mixture is not available
<b>Eye Contact:</b>	Specific test data for substance or mixture is not available
<b>Skin Contact:</b>	Specific test data for substance or mixture is not available
<b>Ingestion:</b>	Specific test data for substance or mixture is not available

## Component Information

<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Inhalation LC50</u>
Glycerin	-	> 10 g/kg (Rabbit)	-

## Information on Toxicological Effects

**Symptoms:** No Information Available

### Delayed, Immediate, and Chronic Effects (Short and Long-Term)

**Sensitization:** No Information Available  
**Mutagenic Effects:** No Information Available  
**Carcinogenicity:** No Information Available  
**Reproductive Toxicity:** No Information Available  
**STOT – Single Exposure:** No Information Available  
**STOT – Repeated Exposure:** No Information Available  
**Chronic Toxicity:** None known based on information supplied  
**Target Organ Effects:** None known based on information supplied  
**Aspiration Hazard:** No Information Available

## Numerical Measures of Toxicity Product Information

The following values are calculated based on chapter 3.14 of the GHS document: N/A

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** The environmental impact of this product has not been fully investigated

<u>Chemical Name</u>	<u>Toxicity to Algae</u>	<u>Toxicity to Fish</u>	<u>Toxicity to Microorganisms</u>	<u>Daphnia Magna (Water Flea)</u>
Glycerin	-	96h LC50: 51-57mL/L (Oncorhynchus mykiss)	-	24h EC50: > 500 mh/L

**Persistence and Degradability:** No Information Available

<u>Chemical Name</u>	<u>Log Pow</u>
Glycerin	-1.76

**Other Adverse Effects:** No Information Available

## **SECTION 13: DISPOSAL CONSIDERATIONS**

**Disposal Methods:** This material, as supplied, is not hazardous waste according to Federal regulations (40 CFR 261). This material could become hazardous waste if it is with or otherwise comes in contact with 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

## **SECTION 14: TRANSPORT INFORMATION**

**DOT:** Not Regulated  
**TDG:** Not Regulated  
**MEX:** Not Regulated  
**ICAO:** Not Regulated  
**IATA:** Not Regulated  
**IMDG/IMO** Not Regulated  
**RID:** Not Regulated  
**ADR:** Not Regulated  
**AND:** Not Regulated

## **SECTION 15: REGULATORY INFORMATION**

### **International Inventories**

**TSCA:** Complies  
**DSL:** All components are listed on either DSL or NDSL

### **U.S. Federal Regulations**

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

### **SARA 311/312 (Hazard Categories):**

**Acute Health Hazard:** No  
**Chronic Health Hazard:** No  
**Fire Hazard:** No  
**Release of Pressure Hazard:** No  
**Reactive Hazard:** No

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

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

**US State Regulations**

**California Prop 65:** This product does not contain any Proposition 65 chemicals

**US State Right-To-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Glycerin	X	X	X	X	
Sodium Hydroxide	X	X	X	X	

**International Regulations**

Component	Carcinogen Status	Exposure Limits
Glycerin (0 – 2)	-	10 mg/m3 (mist) TWA

**Canada**

**WHMIS Hazard Class:** Non-Controlled

**SECTION 16: OTHER INFORMATION**

**NFPA**

**Health Hazards** 0  
**Flammability:** 0  
**Instability:** 0  
**Physical and Chemical Hazards:** -

**HMIS**

**Health Hazards** 0  
**Flammability:** 0  
**Instability:** 0  
**Personal Protection:** X

**Disclaimer:**

The information provided in this Safety Data Sheet (SDS) is accurate to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as 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, unless specified in the text.

**End of Safety Data Sheet**