SAFETY DATA SHEET

Issue Date: 10/2016

Revision Date: 01/2018

Revision Number: 1

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

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:

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	%
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 know based on information supplied

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters/Occupational Exposure Limits/Guidelines:

Components	ACGIH-TLVs	OSHA-PEL	NIOSH
Glycerin (CAS 56-81-5)	TWA: 10/mg/m3 mist	TWA: 15 mg/m3 mist, total particulate TWA: 5 mg/m3 mist, respirable fraction (entleert) TWA: 10 mg/m3 mist, total particulate (entleert) TWA: 5 mg/m3 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

Softening Point: No Information Available
VOC Content (%): No Information Available
Particle Size: No Information Available
Particle Size Distribution: No Information Available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No Information Available
Chemical Stability: Stable under recommended storage conditions
Possibility of Hazardous Reactions: None under normal processing
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: Carbon Oxide(s)

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

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

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
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

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

Persistence and Degradability: No Information Available

Chemical Name	Log Pow
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