

SAFETY DATA SHEET



SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: #006

Product Name: BurnFree Pain Relieving Gel (Cool Jel)

Product Use: First Aid Burn Treatment(s) – Topical Skin Preparation

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

Telephone: 801.569.9090

Web Address: www.burnfree.com

Emergency Telephone: 800.275.3433

Fax: 801.569.3733

Issue Date: 08-25-2015

SECTION 2: HAZARDS IDENTIFICATION

Emergency Overview:

This product is regulated by the US FDA as a medical device.

Consult 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 broken, blistered or oozing skin. Stop use and seek medical attention 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
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
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: 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: N/A
Upper Flammable Limit (% by volume): N/A
Lower Flammable Limit (% by volume): N/A
Autoignition Temperature (°C): N/A
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**

SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Methods and materials for containment and clean up: Absorb spill with vermiculite or other inert material, then place in a sealed container for chemical waste.

Large Spills: Flush with plenty of water. Prevent entry into waterways, sewer, basements or confined areas. Dike for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental Precautions: Avoid discharge into drains and water sources.

SECTION 7: HANDLING AND STORAGE

Handling Procedures and Equipment: Keep this and other chemicals out of the reach of children.

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

Components	ACGIH-TLVs	OSHA-PELs	NIOSH	Form
Glycerin (CAS 56-81-5)	NE	5mg/m ³		Aerosol
Propylene Glycol (CAS 57-55-6)	10mg/m ³	NE	NE	Aerosol
Triethanolamine (CAS 102-71-6)	5mg/m ³	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.

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.
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

Triethanolamine

- Oral (rat): 6110mg/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

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)

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

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

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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 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.