

MATERIAL SAFETY DATA SHEET

First Aid Burn Cream	MSDS No.:	007
	Revision No.:	4
	Issue Date:	01/15/2008
	Exp. Date:	01/2011

PRODUCT AND COMPANY INFORMATION – SECTION 1	
Manufacturer/Distributor	Water-Jel Technologies 50 Broad Street Carlstadt, NJ 07072 201-507-8300 800-275-3433
Product Name:	First Aid Burn Cream
Synonyms:	Topical Cream, Burn Cream
Intended Use:	First aid to help prevent infection and for temporary relief of pain in minor cuts, scrapes, and burns. For external use only.

**FOR CHEMICAL EMERGENCY, SPILL, LEAK,
FIRE, EXPOSURE, OR ACCIDENT:**

In the continental U.S.: 800-275-3433
For additional information: 201-507-8300

COMPOSITION INFORMATION – SECTION 2		
In accordance with 29 CFR § 1910.1200 (i) (1) the specific chemical identity of this product is being withheld as a trade secret.		
Chemical Name:	Cetyl Alcohol	
Percent:	Proprietary	
CAS Number:	36653-82-4	
Exposure Limits:	None Established	
Chemical Name:	Germaben II	
Percent:	Proprietary	
CAS Number:	No information available.	
Exposure Limits:	None Established	
Chemical Name:	Glycerin	
Percent:	Proprietary	
CAS Number:	56-81-5	
Exposure Limits:	ACGIH TWA (Glycerin Mist):	OSHA PEL (Glycerin Mist):
	Total Dust: 15 mg/m ³	Total Dust: 10 mg/m ³
	Respirable Fraction: 5 mg/m ³	Respirable Fraction: 5 mg/m ³
Chemical Name:	Glyceryl Monostearate SE (Glyceryl Stearate)	
Percent:	Proprietary	
CAS Number:	31566-31-3	
Exposure Limits:	TWA (Stearates): 10 mg/m ³	

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Chemical Name:	White Mineral Oil
Percent:	Proprietary
CAS Number:	8042-47-5
Exposure Limits:	None Established
Chemical Name:	Peg 100
Percent:	Proprietary
CAS Number:	25322-68-3
Exposure Limits:	None Established
Chemical Name:	Stearic Acid
Percent:	Proprietary
CAS Number:	57-11-4
Exposure Limits:	None Established

HAZARDS IDENTIFICATION – SECTION 3	
EMERGENCY OVERVIEW & HAZARDS PRESENT TO MAN AND THE ENVIRONMENT	May cause irritation to eyes and may cause irritation of the digestive tract when ingested.
PRIMARY ROUTES OF EXPOSURE	Eye contact, Ingestion
<u>POTENTIAL HEALTH EFFECTS:</u>	
Eyes:	May cause irritation, characterized by a burning sensation, redness, tearing, inflammation, dryness, and possible other effects.
Skin:	No adverse conditions expected.
Inhalation:	Unlikely route of exposure.
Ingestion:	May cause irritation of the digestive tract.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:	No information available.
<u>CHRONIC HEALTH EFFECTS:</u>	
<i>Eyes:</i>	Flush eyes with clear running water for a minimum of fifteen (15) minutes while holding eyelids open; if irritation persists, seek medical attention.
<i>Skin:</i>	No adverse conditions expected.
<i>Inhalation:</i>	Unlikely route of exposure.
<i>Ingestion:</i>	Rinse out mouth and drink lots of water. In case of unusual symptoms, seek medical attention and show physician the container details.

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FIRST AID MEASURES – SECTION 4	
SEEK MEDICAL ATTENTION FOR ALL CASES OF OVEREXPOSURE.	
<u>FIRST AID MEASURES:</u>	
Eyes:	Flush immediately with large amounts of water. If redness or irritation persists, contact a physician.
Skin:	No adverse conditions expected.
Inhalation:	Unlikely route of exposure.
Ingestion:	Contact a physician immediately.
Instructions for Physician:	Available data does not identify any conditions.

FIRE FIGHTING MEASURES – SECTION 5			
<i>NFPA Classification</i>			
<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>	<u>Other</u>
1	0	0	N/A
<u>FLAMMABILITY PROPERTIES</u>			
Flash Point:	N/A	Method:	N/A
Flammability Limits: (in air % by volume)		LEL:	N/A
Autoignition Temperature:		UEL:	N/A
N/A			
<u>Hazardous Combustion Products:</u>			
Carbon Monoxide, Carbon Dioxide			
<u>Extinguishing Media:</u>			
Use extinguishing media appropriate for the surrounding fire. Use water spray, foam or dry chemical.			
<u>Prohibited Extinguishing Media:</u>			
In fires involving large quantities of this product, the use of large streams of water should be avoided.			
<u>Firefighting Instructions:</u>			
Use self-contained breathing apparatus when fighting fires that involve this material.			
<u>Unusual Fire and Explosion Hazards:</u>			
Carbon monoxide and carbon dioxide may be generated.			

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ACCIDENTAL RELEASE MEASURES – SECTION 6
<u>Environmental Precautions:</u>
No information available.
<u>Cleanup Methods:</u>
<u>Small spills:</u> Spills should be collected with approved inert absorbent for disposal.
<u>Large spills:</u> Spills should be collected with approved absorbent for disposal.

HANDLING & STORAGE – SECTION 7	
Handling:	Keep this and other chemicals out of reach of children.
Storage:	Do not store or mix with strong acids or oxidizers.
Specific Uses:	First aid to help prevent infection and for temporary relief of pain in minor cuts, scrapes and burns. For external use only.

EXPOSURE CONTROLS / PERSONAL PROTECTION – SECTION 8		
<u>EXPOSURE CONTROLS:</u>		
<u>Exposure Limits Values:</u>		
	<u>OSHA PEL:</u>	<u>ACGIH TLV:</u>
Stearates (Glyceryl Stearate)	Not Established	10 mg/m ³
Glycerin Mist (Glycerin)	<u>Total Dust:</u> 15 mg/m ³	<u>Total Dust:</u> 10 mg/m ³
	<u>Respirable Fraction:</u> 5 mg/m ³	<u>Respirable Fraction:</u> 5 mg/m ³
<u>Engineering Controls:</u>		
Local Exhaust is recommended.		
<u>PERSONAL PROTECTIVE EQUIPMENT:</u>		
<u>Respiratory Protection:</u>		
None required under normal conditions.		
<u>Hand Protection:</u>		
None required under normal conditions.		
<u>Eye/Face Protection:</u>		
Eye protection, as necessary to prevent excessive contact.		
<u>Skin Protection:</u>		
None required under normal conditions.		

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<u>General Hygiene Considerations:</u>
Practice safe work habits. Use according to label instructions.
<u>Other Protective Equipment:</u>
Eye wash stations should be nearby and ready for use.

PHYSICAL & CHEMICAL PROPERTIES – SECTION 9	
PRODUCT:	First Aid Burn Cream
General Information:	
Appearance	White homogeneous cream
Odor	Slightly fatty odor
Important Health, Safety, and Environmental Information:	
Boiling Point	135°C 275°F
Melting Point	60°C (140°F)
Flash Point	N/A
Explosive Properties	No information available.
Oxidizing Properties	No information available.
Specific Gravity ($H_2O = 1$)	0.81
Water Solubility	Miscible
Partition Coefficient (<i>n</i> -octanol/water)	No information available.
Viscosity	No information available.
Vapor Pressure (<i>mm Hg</i>)	No information available.
Vapor Density (<i>Air = 1</i>)	No information available.
Evaporation Rate	0.07
% Volatile (<i>By Volume @ 68°F</i>)	65

STABILITY & REACTIVITY – SECTION 10
<u>Stability:</u>
This material is stable under normal conditions.
<u>Conditions to avoid:</u>
Extreme heat
<u>Materials to avoid:</u>
Strong oxidants, Strong Acids
<u>Hazardous Decomposition Products:</u>
Carbon Monoxide, Carbon Dioxide

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<u>Hazardous Polymerization:</u>
Will not occur.

TOXICOLOGICAL INFORMATION – SECTION 11				
<u>Type of Test</u>	<u>Route of Exposure</u>	<u>Effects</u>	<u>Species Observed</u>	<u>Dose Data</u>
LD ₅₀ – (Cetyl Alcohol)	Oral	Death	Rodent - Rat	5 mg/kg
LD ₅₀ – (Glycerin)	Oral	Death	Rodent - Rat	12600 mg/kg
LD ₅₀ – (Glyceril Stearate)	Intraperitoneal	Death	Rodent - Mouse	200 mg/kg
LD ₅₀ – (Mineral Oil)	Oral	Death	Rodent - Mouse	22 gm/kg
LD ₅₀ – (Stearic Acid)	Intravenous	Death	Rodent - Rat	21500 ug/kg

ECOLOGICAL INFORMATION – SECTION 12
<u>Ecotoxicity:</u>
No information available.
<u>Mobility:</u>
No information available.
<u>Persistence and Degradability:</u>
No information available.
<u>Bio accumulative Potential:</u>
No information available.

DISPOSAL CONSIDERATION – SECTION 13
Dispose of in accordance with Local, State, and Federal regulations.

TRANSPORT INFORMATION – SECTION 14	
<u>DOT CLASSIFICATION:</u>	
UN Number:	Not Regulated for Domestic Transport.
Class:	

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Proper Shipping Name:	Not regulated for Domestic Transport.
Packing Group:	
Marine Pollutant:	
Other Information:	

IATA CLASSIFICATION:

Un Number:	Not Regulated for International Air Transport.
Class:	
Proper Shipping Name:	
Packing Group:	
Marine Pollutant:	
Other Information:	

IMDG CLASSIFICATION:

Un Number:	Not Regulated for International Water Transport.
Class:	
Proper Shipping Name:	
Packing Group:	
Marine Pollutant:	
Other Information:	

REGULATORY INFORMATION – SECTION 15

US REGULATIONS

ACGIH	<u>TWA (Glycerin Mist):</u> <u>Total Dust:</u> 15 mg/m ³ <u>Respirable Fraction:</u> 5 mg/m ³
CAA Section 112	Not Listed
CERCLA	Not Listed
IARC	Not Listed
NTP	Not Listed
OSHA	<u>OSHA PEL (Glycerin Mist):</u> <u>Total Dust:</u> 10 mg/m ³ <u>Respirable Fraction:</u> 5 mg/m ³
SARA Title III	Not Listed

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TSCA	Not Listed
<u>STATE REGULATIONS</u>	
MA substance List	Not Listed
NJ RTK Hazardous Substance List	Not Listed
PA Hazardous Substance List	Not Listed
Canadian WHMIS	Not Listed

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