

Material Safety Data Sheet

I PRODUCT IDENTIFICATION

COMMON/TRADE NAME: Water-Jel Blankets **ISSUE DATE:** 08/01/01
(Product Identifier) and Burn Dressings

Manufacturer: Water Jel Technologies
243 Veterans Boulevard
Carlstadt, NJ 07072

Emergency Phone #
800-275-3433
201-507-8300
MSDS PREPARED BY
Water Jel Technologies

SUPPLIER: As above

PRODUCT USE: Water Jel Blankets are non-sterile wool substrate with a fluid viscous gel, and Water Jel Burn Dressings are sterile non-woven substrates with a fluid viscous gel. Products are intended for first aid treatment of burns to ease pain and to provide a barrier against contamination until medical assistance is provided. This MSDS is for the gel only. The woven and non-woven substrates do not require an MSDS. Blankets may be used for extinguishing small fires. Power source(s) should be turned off in the event of an electrical fire.

II INGREDIENTS

Hazardous ingredients are listed only if present at a concentration of 2% or greater (0.2% for carcinogens). For a complete list of product ingredients, consult product label.

NAME	%	LD ₅₀	LC ₅₀	CAS NUMBER
HAZARDOUS PER OSHA¹				
None above stated concentrations				

¹HAZARDOUS AS DEFINED BY OSHA HAZARD COMMUNICATION STANDARD IN 29 CFR 1910.1200

LD₅₀ VALUES ARE GIVEN FOR ORAL RAT EXPOSURE IN MILLIGRAMS PER KILOGRAM OF BODY WEIGHT, AND LC₅₀ VALUES ARE GIVEN FOR INHALATION BY RATS IN MILLIGRAMS PER CUBIC METER OF AIR FOR 2 HOUR EXPOSURE PERIODS

ALL INGREDIENTS OF THIS PRODUCT ARE LISTED IN THE TSCA INVENTORY

NA MEANS THE DATA WAS NOT APPLICABLE OR NOT AVAILABLE AS APPROPRIATE

¹ITEMS MARKED WITH AN ASTERISK ARE TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING & COMMUNITY RIGHT-TO-KNOW ACT OF 1986, AS AMENDED (40 CFR 372). THE TABLE BELOW GIVES THE FORM, WHEN APPLICABLE, AND DE MINIMIS CONCENTRATIONS. ITEMS ARE POTENTIALLY REPORTABLE ONLY WHEN PRESENT ABOVE THE DE MINIMIS CONCENTRATION, AND

IF MANUFACTURED, PROCESSED OR OTHERWISE USED IN THE INDICATED FORM.

Chemical/Metal (form where applicable)	De Minimis Concentration
No SARA 313 chemicals above de minimis concentration	

OCCUPATIONAL EXPOSURE LIMITS

CHEMICAL/ELEMENT	ACGIH TLV	OSHA PEL	STEL
Glycerine	10 mg/m ³	10 mg/m ³	5 mg/m ³

The information in the above table is provided to conform with OSHA's guidelines for preparation of an MSDS. The form of the product as a gel on a substrate, the use of the product as a burn dressing, and the concentration of the glycerine mean that the exposure limits will not be exceeded or come close to being exceeded.

III PHYSICAL DATA

PARAMETER	DATA/DESCRIPTION
Physical Form and Appearance of gel	Off white, translucent viscous gel
Boiling Point	NA
pH	4.0 - 6.0
Water Solubility	Soluble
Specific Gravity or Density	1 based on a standard of 1 for water
Melting Point/Freezing Point	NA
Vapor Density	NA
Vapor Pressure	NA
Reactivity in Water	Not reactive in water.

IV FIRE AND EXPLOSION DATA

FLASH POINT AUTO IGNITION TEMPERATURE FLAMMABILITY LIMITS IN AIR

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NA

NA

NA

EXTINGUISHING MEDIA -

Product does not burn.

SPECIAL FIRE FIGHTING PROCEDURES -

None

UNUSUAL FIRE AND EXPLOSION HAZARDS -

None

HAZARDOUS DECOMPOSITION MATERIALS (UNDER FIRE CONDITIONS) -

Carbon monoxide, possible oxides of nitrogen

V REACTIVITY DATA

STABILITY:

This material is stable under normal handling and storage conditions described in this MSDS

INCOMPATIBILITY:

Strong oxidizers, strong acids, strong reducing agents

CONDITIONS TO AVOID:

Extreme Heat during storage

HAZARDOUS DECOMPOSITION PRODUCTS:

See above under Hazardous Decomposition Materials

HAZARDOUS POLYMERIZATION:

Will not occur

VI HEALTH HAZARD INFORMATION

WARNING STATEMENTS:

Care should be taken to use this product as instructed by the product label. The product is intended for emergency first aid for burns. Product should not be used in manner that results in inhalation of any fumes from heating of product, swallowing of product or exposure of eyes to product.

ACUTE HEALTH EFFECTS

Product has been tested and approved for consumer use according to the product label and instructions. No adverse acute health effects are expected when product is used as directed by instructions. Since the dressings and blankets are used on victims suffering from burns, medical attention after use of the product is needed for proper treatment of the burn.

CHRONIC HEALTH EFFECTS:

None established

MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE:

None established

VII EMERGENCY MEDICAL INFORMATION

Product is intended to be used in first aid treatment/dressing of burns. Medical attention should be sought after use of the product to treat the burns. No other first aid instruction are appropriate if product is used according to label and other instructions.

NOTES TO PHYSICIAN:

None

VIII PERSONAL PROTECTION EQUIPMENT

PROTECTIVE EQUIPMENT

No protective equipment is needed for use of the product as directed by the product label and other instructions for use.

WORK PRACTICE CONTROLS:

None

IX SPILL, LEAK AND DISPOSAL PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Store at room temperature, Avoid extreme heat

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Soak up with absorbent material.

WASTE DISPOSAL METHOD:

Consult federal, state and local regulations, and dispose in compliance with these regulations.

EPA Hazardous Waste: Not an EPA hazardous waste.

OTHER PRECAUTIONS:

Keep out of the reach of children. Keep containers tightly closed. Use product for intended use only, following label directions.

X CARCINOGEN INFORMATION

CHEMICALS IN PRODUCT LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN:

By National Toxicology Program: **NO**

By I.A.R.C. Monographs: **NO**

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By OSHA: **NO**

By Other Sources: **NO**

XI TRANSPORTATION INFORMATION

The listed transportation classification is per the regulations of the US Department of Transportation. Any listed information does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

DOT Hazard Class: Not a DOT regulated material.

DOT Proper Shipping Name: NA

Consult 49 CFR or qualified expert for marking, labeling and packaging information if needed.

XII REGULATORY INFORMATION

SARA TITLE III HAZARD CLASSES:

Fire hazard: No

Reactive hazard: No

Release of pressure: No

Acute health hazard: No

Chronic health hazard: No

SARA EXTREMELY HAZARDOUS SUBSTANCES OR CERCLA HAZARDOUS SUBSTANCE:

Ingredients are either not on the above lists or are present below the action level concentration.

NOTE: The information in this MSDS is obtained from sources which we believe are reliable,

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however, the accuracy or completeness thereof is not guaranteed, and no warranty of any kind is made with respect thereto. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons we assume no liability for the loss and damage incurred from the proper or improper use of such product.

WATER JEL TECHNOLOGIES

There are 7 pages in this MSDS