

Material Safety Data Sheet

I PRODUCT IDENTIFICATION

COMMON/TRADE NAME: Burn Spray
(Product Identifier)

ISSUE DATE: 08/01/01

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: A water based spray meeting ANSI Standard for burn treatment.
Contains lidocaine HCl 2% for relief of minor burns. For external use only.

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 OSHA ¹				
Lidocaine Hydrochloride	2	220	NA	6108-05-0

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 present above de	

minimis concentration	
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OCCUPATIONAL EXPOSURE LIMITS

CHEMICAL/ELEMENT	ACGIH TLV	OSHA PEL	STEL
Glycerine	10 mg/m3	10 mg/m3	NA

The information in the above table is provided to conform with OHSA's guidelines for preparation of an MSDS. The form of the product as a pump spray, the use of the product as a treatment for burns, and the concentration of the glycerine mean that exposure limits will no be exceeded or come close to being exceeded.

III PHYSICAL DATA

PARAMETER	DATA/DESCRIPTION
Physical Form and Appearance	Cloudy, white liquid
Boiling Point	About 212 degrees F
pH	5.5-6.5
Water Solubility	NA Product is largely water. Active ingredient residue cleans readily with water.
Specific Gravity or Density	1 based on a standard of 1 for water
Melting Point/Freezing Point	About 32 degrees F
Vapor Density	NA
Vapor Pressure	NA
Reactivity in Water	Not reactive

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. Use extinguishing media appropriate for primary cause of fire in instances where product is involved in a fire.

SPECIAL FIRE FIGHTING PROCEDURES -

None

UNUSUAL FIRE AND EXPLOSION HAZARDS -

None

HAZARDOUS DECOMPOSITION MATERIALS (UNDER FIRE CONDITIONS) -

None expected beyond those found in most fires, such as carbon monoxide.

V REACTIVITY DATA

STABILITY:

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

INCOMPATIBILITY:

None

CONDITIONS TO AVOID:

Heat, exposure to strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition of lidocaine HCl may release toxic vapors

HAZARDOUS POLYMERIZATION:

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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 treatment of minor burns. Product should not be used in a manner that results in inhalation of spray, 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. No adverse acute health effects are expected when product is used as directed by product label.

CHRONIC HEALTH EFFECTS:

Sensitization possible from repeated contacts with lidocaine HCL

MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE:

None established

VII EMERGENCY MEDICAL INFORMATION

Product is intended to be used as a first aid treatment for relief of minor pain from burns and for burn treatment. No first aid treatment for use of this product is expected to be needed.

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.

WORK PRACTICE CONTROLS:

Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this product:
1) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.

IX SPILL, LEAK AND DISPOSAL PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Store in an area that is cool, dry, well ventilated and away from foodstuffs or animal feed.

Do not get on skin, except as intended and directed by product label, or in eyes.

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

Contain or absorb small spills. Larger spills must be contained to prevent spreading, and absorbed. Residue must be placed in a non-reactive container. Area should be washed well with water. If appropriate, use protective equipment during spill clean-up.

WASTE DISPOSAL METHOD:

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

EPA Hazardous Waste: Not an EPA hazardous waste.

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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

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

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Reactive hazard: No

Release of pressure: No

Acute health hazard: No

Chronic health hazard: Yes

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, 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.