

MATERIAL SAFETY DATA SHEET

Antiseptic Spray	MSDS No.:	001
	Revision No.:	2
	Date:	12/01/04

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:	Antiseptic Spray
Synonyms:	Cut Spray, Scrape Spray
Intended Use:	Antiseptic spray containing Benzalkonium Chloride to help prevent infection from minor cuts, burns, and scrapes. 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:	Purified Water
Percent:	Proprietary
CAS Number:	7732-18-5
Exposure Limits:	None Established

HAZARDS IDENTIFICATION – SECTION 3	
EMERGENCY OVERVIEW & HAZARDS PRESENT TO MAN AND THE ENVIRONMENT	Poses little or no immediate hazard.
PRIMARY ROUTES OF EXPOSURE	Inhalation
<u>POTENTIAL HEALTH EFFECTS:</u>	
Eyes:	May cause mild irritation.
Skin:	Substance may cause slight skin irritation. Contact with heated product may cause thermal burns.
Inhalation:	Practically non-toxic if inhaled.
Ingestion:	Practically non-toxic if ingested.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:	Available data does not identify any conditions.

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CHRONIC HEALTH EFFECTS:	
Eyes:	No information available.
Skin:	Mild to severe dermatitis.
Inhalation:	High concentration in immediate area can displace oxygen and can cause dizziness, unconsciousness, and even death with longer exposure. Keep people away from such vapors without self-contained breathing apparatus.
Ingestion:	No information available.

FIRST AID MEASURES – SECTION 4	
SEEK MEDICAL ATTENTION FOR ALL CASES OF OVEREXPOSURE.	
FIRST AID MEASURES:	
Eyes:	First aid not normally required.
Skin:	Flush eyes with clear running water for a minimum of fifteen (15) minutes while holding eyelids open; if irritation persists, seek medical attention.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
Ingestion:	First aid not normally required.
Instructions for Physician:	No information available.

FIRE FIGHTING MEASURES – SECTION 5			
NFPA Classification			
<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>	<u>Other</u>
0	0	0	N/A
FLAMMABILITY PROPERTIES			
Flash Point:	N/A	Method:	N/A
Flammability Limits: (in air % by volume)		LEL:	N/A
		UEL:	N/A
Autoignition Temperature:			
No information available.			
Hazardous Combustion Products:			
No Information available.			

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<p><u>Extinguishing Media:</u></p> <p>No extinguishing media is required.</p>
<p><u>Prohibited Extinguishing Media:</u></p> <p>No information available.</p>
<p><u>Firefighting Instructions:</u></p> <p>No special fire fighting instructions are required.</p>
<p><u>Unusual Fire and Explosion Hazards:</u></p> <p>Rapid temperature rise of liquid can result in explosive vaporization, particularly if in a sealed container.</p>

ACCIDENTAL RELEASE MEASURES – SECTION 6

<p><u>Environmental Precautions:</u></p> <p>No information available.</p>
<p><u>Cleanup Methods:</u></p> <p><u>Small spills:</u> Small quantities can be mopped or wiped up with rags.</p> <p><u>Large spills:</u> Large quantities should be directed to collecting basin or drain with dikes or swabs..</p>

HANDLING & STORAGE – SECTION 7

Handling:	No special handling is required.
Storage:	No special storage is required.
Specific Uses:	Antiseptic Spray containing Benzalkonium Chloride to help prevent infection from minor cuts, burns, and scrapes. 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>
Purified Water	Not Established	Not Established
<u>Engineering Controls:</u>		
If hot vapor exist, remove from environment using local exhaust systems.		

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<u>PERSONAL PROTECTIVE EQUIPMENT:</u>
<u>Respiratory Protection:</u>
PPE not normally required.
<u>Hand Protection:</u>
Use insulating gloves if dealing with hot liquid.
<u>Eye/Face Protection:</u>
Goggles or full-face splash shield if dealing with hot liquid.
<u>Skin Protection:</u>
Use heat protective garment when exposed to large quantities of heated vapor.
<u>General Hygiene Considerations:</u>
No information available.
<u>Other Protective Equipment:</u>
No information available.

PHYSICAL & CHEMICAL PROPERTIES – SECTION 9	
PRODUCT:	Antiseptic Spray
General Information:	
Appearance	Clear, water-like solution
Odor	Slight Medicinal Odor
Important Health, Safety, and Environmental Information:	
Boiling Point	100°C (212°F)
Melting Point	N/A
Flash Point	N/A
Explosive Properties	N/A
Oxidizing Properties	N/A
Specific Gravity ($H_2O = 1$)	1
Water Solubility	Complete
Partition Coefficient (<i>n-octanol/water</i>)	N/A
Viscosity	N/A
Vapor Pressure (<i>mm Hg</i>)	17.53
Vapor Density (<i>Air = 1</i>)	N/A
Evaporation Rate	N/A
% Volatile (<i>By Volume @ 68°F</i>)	100

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STABILITY & REACTIVITY – SECTION 10
<p>Stability:</p> <p>This material is stable under normal conditions.</p>
<p>Conditions to avoid:</p> <p>Exposure to direct current electricity causes instability.</p>
<p>Materials to avoid:</p> <p>Strong acids and bases can cause rapid heating. Reaction with sodium metal can result in explosion.</p>
<p>Hazardous Decomposition Products:</p> <p>Hydrogen, Oxygen</p>
<p>Hazardous Polymerization:</p> <p>Will not occur.</p>

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>
No information available.				

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

DISPOSAL CONSIDERATION – SECTION 13
All disposals of this material must comply with federal, state, and local regulations.

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TRANSPORT INFORMATION – SECTION 14	
<u>DOT CLASSIFICATION:</u>	
UN Number:	Not Regulated for Domestic Transport.
Class:	
Proper Shipping Name:	
Packing Group:	
Marine Pollutant:	
Other Information:	
<u>IATA CLASSIFICATION:</u>	
Un Number:	Not Regulated for International Air Transport.
Class:	
Proper Shipping Name:	
Packing Group:	
Marine Pollutant:	
Other Information:	
<u>IMDG CLASSIFICATION:</u>	
Un Number:	Not Regulated for International Water Transport.
Class:	
Proper Shipping Name:	
Packing Group:	
Marine Pollutant:	
Other Information:	

REGULATORY INFORMATION – SECTION 15	
<u>US REGULATIONS</u>	
ACGIH	Not Established
CAA Section 112	Not Listed
CERCLA	Not Listed
IARC	Not Listed
NTP	Not Listed
OSHA	Not Established
SARA Title III	Not Listed
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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OTHER INFORMATION – SECTION 16	
Revision Number	Revision Date
2	04/27/05

To the best of our knowledge, the information contained herein is accurate. However, neither Water-Jel Technologies, nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.