



MATERIAL SAFETY DATA SHEET

Hydrocortisone Cream 1%	<i>MSDS No.:</i>	009
	<i>Revision No.:</i>	2
	<i>Date:</i>	12/02/04

PRODUCT AND COMPANY INFORMATION – SECTION 1

Manufacturer/Distributor:	Water-Jel Technologies
	243 Veterans Boulevard
	Carlstadt, NJ 07072
	201-507-8300
	800-275-3433
Product Name:	Hydrocortisone Cream 1%
Synonyms:	Topical Cream, Skin Cream
Intended Use:	Temporary relief of itching associated with minor skin irritation and rashes. For external use only. Not for use on children under 2 years old.

**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	<u>ACGIH TWA (Glycerin Mist):</u>	<u>OSHA PEL (Glycerin Mist):</u>
	<u>Total Dust:</u> 15 mg/m3	<u>Total Dust:</u> 10 mg/m3
	<u>Respirable Fraction:</u> 5 mg/m3	<u>Respirable Fraction:</u> 5 mg/m3
Chemical Name:	Glyceryl Stearate (Glyceryl Monostearate)	
Percent:	Proprietary	
CAS Number:	31566-31-3	

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Exposure Limits	<u>TWA (Stearates):</u> 10 mg/m ³
Chemical Name:	Hydrocortisone Acetate
Percent:	Proprietary
CAS Number:	50-03-3
Exposure Limits	None Established
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>	
<i>Eyes:</i>	May cause irritation, characterized by a burning sensation, redness, tearing, inflammation, dryness, and possible other effects.
<i>Skin:</i>	No adverse conditions expected.
<i>Inhalation:</i>	Unlikely route of exposure.
<i>Ingestion:</i>	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.

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Skin:	No adverse conditions expected.
Inhalation:	Unlikely route of exposure.
Ingestion:	Rinse out mouth and drink lots of water. In case of unusual symptoms, seek medical attention and show physician the container details.

FIRST AID MEASURES – SECTION 4

SEEK MEDICAL ATTENTION FOR ALL CASES OF OVEREXPOSURE.

FIRST AID MEASURES:

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

NFPA Classification

<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>	<u>Other</u>
1	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:

N/A.

Hazardous Combustion Products:

Carbon Monoxide, Carbon Dioxide

Extinguishing Media:

Use extinguishing media appropriate for the surrounding fire. Use water spray, foam or dry chemical.

Prohibited Extinguishing Media:

In fires involving large quantities of this product, the use of large streams of water should be avoided.

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Firefighting Instructions:

Use self-contained breathing apparatus when fighting fires that involve this material.

Unusual Fire and Explosion Hazards:

Carbon monoxide and carbon dioxide may be generated.

ACCIDENTAL RELEASE MEASURES – SECTION 6

Environmental Precautions:

No information available.

Cleanup Methods:

Small spills: Spills should be collected with approved inert absorbent for disposal.

Large spills: Spills should be collected with approved inert 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:	Temporary relief of itching associated with minor skin irritation and rashes. For external use only. Not for use on children under two (2) years old.

EXPOSURE CONTROLS / PERSONAL PROTECTION – SECTION 8

EXPOSURE CONTROLS:

Exposure Limit Values:

	<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

Engineering Controls:

Local exhaust is recommended.

PERSONAL PROTECTIVE EQUIPMENT:

Respiratory Protection:

None required under normal conditions.

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<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.
<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:	Hydrocortisone Cream 1%
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

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STABILITY & REACTIVITY – SECTION 10

Stability:

This material is stable under normal conditions.

Conditions to Avoid:

Extreme heat

Materials to Avoid:

Strong Oxidants, Strong Acids

Hazardous Decomposition Products:

Carbon Monoxide, Carbon Dioxide

Hazardous Polymerization:

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 gm/kg
LD ₅₀ - (Glycerin)	Oral	Death	Rodent - Rat	12600 mg/kg
LD ₅₀ - (Glyceryl Stearate)	Intraperitoneal	Death	Rodent - Mouse	200 mg/kg
LDLo - (Hydrocortisone Acetate)	Subcutaneous	Death	Rodent - Rat	250 mg/kg
LD ₅₀ - (Mineral Oil)	Oral	Death	Rodent - Mouse	22 gm/kg
LD ₅₀ - (Stearic acid)	Intravenous	Death	Rodent - Rat	21500 ug/kg

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ECOLOGICAL INFORMATION – SECTION 12

Ecotoxicity:

No information available.

Mobility:

No information available.

Persistence and Degradability:

No information available.

Bioaccumulative Potential:

No information available.

DISPOSAL CONSIDERATION – SECTION 13

Dispose of in accordance with local, state and federal regulations.

TRANSPORT INFORMATION - SECTION 14

DOT CLASSIFICATION:

UN Number:

Class:

Proper Shipping Name:

Packing Group:

Marine Pollutant:

Other Information:

Not regulated for Domestic Transport.

IATA CLASSIFICATION:

UN Number:

Class:

Proper Shipping Name:

Packing Group:

Marine Pollutant:

Other Information:

Not regulated for International Air Transport.

IMDG CLASSIFICATION:

UN Number:

Class:

Proper Shipping Name:

Packing Group:

Marine Pollutant:

Other Information:

Not regulated for International Water Transport.

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REGULATORY INFORMATION – SECTION 15	
<u>US REGULATIONS</u>	
ACGIH	<u>TWA (Glycerin Mist):</u>
	<u>Total Dust:</u> 15 mg/m3
	<u>Respirable Fraction:</u> 5 mg/m3
	<u>TWA(Stearates):</u> 10 mg/m3
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/m3
	<u>Respirable Fraction:</u> 5 mg/m3
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

OTHER INFORMATION - SECTION 16	
Revision Number	Revision Date
2	04/28/05

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.