



Material Safety Data Sheet # 322

Hercules Chemical Company Inc.
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NFPA	HMIS	PPE	Transport Symbol						
	<table border="1"> <tr> <td>Health Hazard</td> <td>0</td> </tr> <tr> <td>Fire Hazard</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	Health Hazard	0	Fire Hazard	0	Reactivity	0		
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Preparation Date 27-Jul-2006

Revision Date

Revision Number 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Hercules Megabubble Leak Detector
Recommended Use Leak detector

Supplier Address
 Hercules Chemical Company, Inc.
 111 South St.
 Passaic, NJ 07055
 TEL: 973-778-5000

Company Emergency Phone Number 1-800-221-9330
Emergency Telephone Number Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance Blue **Physical State** Liquid **Odor** Odorless

Potential Health Effects

Principle Routes of Exposure Skin contact, Eye contact.

Acute Effects

Eyes May cause irritation.
Skin No known effect.
Inhalation No known effect.
Ingestion No known effect.

Chronic Effects No known effect.

Aggravated Medical Conditions Skin disorders. Preexisting eye disorders.

Potential Environmental Effects See Section 12 for additional Ecological information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Propylene Glycol	57-55-6	30-60
Glycerol	56-81-5	10-30

4. FIRST AID MEASURES

Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids.
Skin Contact	Wash off with warm water and soap.
Inhalation	Move to fresh air
Ingestion	Clean mouth with water and afterwards drink plenty of water
Notes to Physician	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flammable Properties	Not flammable
Flash Point	No data available
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Explosion Data	
Sensitivity to mechanical impact	Not sensitive
Sensitivity to static discharge	Not sensitive

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

NFPA	Health 0	Flammability 0	Instability 0	Physical Hazard -
HMIS	Health 0	Flammability 0	Instability 0	Personal Protection -

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Ensure adequate ventilation
Methods for Containment	Dike to collect large liquid spills. Prevent further leakage or spillage if safe to do so.
Methods for Clean-up	Cover liquid spill with sand, earth or other noncombustible absorbent material. Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Glycerol	TWA: 10 mg/m ³	TWA: 10 mg/m ³	

NIOSH IDLH: Immediately Dangerous to Life or Health

Engineering Controls Showers
 Eyewash stations
 Ventilation systems

Personal Protective Equipment
Eye/face Protection If splashes are likely to occur, wear Goggles.
Skin Protection No special protective equipment required
Respiratory Protection No special protective equipment required.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Blue	Odor	Odorless
Physical State	Liquid	pH	7
Autoignition Temperature	Not applicable	Boiling Point/Range	100°C / 212°F
Melting Point/Range	No data available		
Flammability Limits in Air	No data available		
Specific Gravity	1	Water Solubility	Soluble in water
Solubility	No data available	VOC Content	42.19%
Viscosity	130 cps		

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	None known based on information supplied.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	None known based on information supplied
Hazardous Polymerization	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information Product does not present an acute toxicity hazard based on known or supplied information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Propylene Glycol	20000 mg/kg (Rat)	20800 mg/kg (Rabbit)	
Glycerol	12600 mg/kg (Rat)	10 g/kg (Rabbit)	570 mg/m ³ (Rat) 1 h

Chronic Toxicity

Chronic Toxicity	No known effect.
Carcinogenicity	There are no known carcinogenic chemicals in this product.
Reproductive Effects	This product does not contain any known or suspected reproductive hazards.
Target Organ Effects	None known
Endocrine Disruptor Information	This product does not contain any known or suspected endocrine disruptors.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects.

Chemical Name	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Propylene Glycol	EC50 = 19000 mg/L 96 h		EC50 = 710 mg/L 30 min	EC50 > 10000 mg/L 48 h
Glycerol				EC50 > 500 mg/L 24 h

Chemical Name	log Pow
Glycerol	-1.76

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method	This material, as supplied, is not a hazardous waste according to state and Federal regulations (40 CFR 261)
Contaminated Packaging	Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG/IMO</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Does not Comply
CHINA	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Propylene Glycol			X		X
Glycerol	X		X		X

International Regulations

Mexico - Grade

Minimum risk, Grade 0

Chemical Name	Carcinogen Status	Exposure Limits
Glycerol		TWA: 10 mg/m ³

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Non-controlled

16. OTHER INFORMATION

Preparation Date 27-Jul-2006

Revision Date

Revision Summary No information available

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS