



OSHA-Required Health And Safety Information!

This Material Safety Data Sheet (MSDS) was requested moments ago from Hercules Automated Fax Information System. Please forward it immediately to the person in charge of MSDS's, or retain it at the machine until claimed.

Section 1

MATERIAL SAFETY DATA SHEET # 42
Hercules Cryotek AG

Date Prepared: 12/18/86 Last Reviewed: 3/24/94

Meets OSHA 29 CFR 1910.1200



MATERIAL SAFETY INFORMATION SERVICE

Hercules Chemical Company Inc.
 111 South Street
 Passaic NJ 07055
 Phone (800) 221-9330
 Fax (800) 333-3456

Section 2 - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s), CAS Numbers)	OSHA PEL	ACGIH TLV	Other Limits	Upper Bound Limit if SARA Reportable
This product is not classified as hazardous in accordance with OSHA 1910.1200.				

HMIS Hazard Rating: Health: 0 Flammability: 0 Reactivity: 0 Personal Protection: A

Section 3 - Physical/Chemical Characteristics

Boiling Point (°F):	Specific Gravity (H ₂ O = 1):	Vapor Density:	Vapor Pressure:
370°	1.05	2.62	At 20° C 0.22
Melting Point (° F)	Evaporation Rate: (Butyl Acetate = 1)	Solubility In Water:	
N/A		Soluble	
Appearance And Color:	Blue Liquid	Odor:	Odorless

Section 4 - Fire And Explosion Hazard Data

Flash Point:	Flammable Limits:	LEL:	UEL:
215	N/A	N/A	N/A

Extinguishing Media: Water fog, alcohol foam, dry chemical.

Special Firefighting Procedures:
 None

Unusual Fire And Explosion Hazards:
 None

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Section 5 - Reactivity Data

Stability: Stable Conditions To Avoid: None

Incompatibility (Materials To Avoid): Oxidizing materials

Hazardous Decomposition: None

Hazardous Polymerization: Will Not Occur

Section 6 - Health Hazard Data

Routes of Entry: Inhalation N/A Skin N/A Ingestion N/A

Health Hazards

Very low single dose oral toxicity; eye and skin essentially no effect.

Carcinogenicity NTP NO IARC NO OSHA Regulated NO

Signs And Symptoms of Exposure:

None

Medical Conditions Generally Aggravated By Exposure:

None

Emergency And First Aid Procedures:

EYE AND SKIN CONTACT: Like with all foreign material, flushing and washing with water is good safety and hygienic practice. INGESTION Low in toxicity; induce vomiting if large amounts are ingested.

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Section 7 - Precautions For Safe Handling And Use:

Steps To Be Taken In Case Material Is Released Or Spilled:

Cover with absorbent material; let soak and sweep up.

Waste Disposal Method:

Incinerate or bury (landfill) away from water supplies in accordance with local regulations

Precautions To Be Taken In Handling And Storing:

None

Other Precautions:

None required

Section 8 - Control Measures:

Respiratory Protection:

None required.

Ventilation: Local Exhaust Adequate
Mechanica N/A

Special N/A

Other N/A

Gloves: None required.

Eye Protection: If possibility of splashing, use safety goggles.

Other Protective

Clothing: None

Work/Hygienic Practices Wash thoroughly after handling

Additional Information:

DOT B/L Description: Proprietary Anti-Freeze

DOT Hazard Class Information: N/A

NJ Right-To-Know Labeling Information:

Label must state all ingredients in Sec. 2 above plus Trade Secret Registration Nos. (TSR's) 31348300 - 5018P, 5002P.



FACTS
axed
AST!

For Hercules Material Safety Data Sheets by fax anytime, day or night, just call 1-800-942-INFO (1-800-942-4636) from any Touch-Tone phone. Have your fax number ready. Checking the product label for the correct MSDS # will save time.