

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 # 87 *Hercules for Hands™ Towels*



**MATERIAL
 SAFETY
 INFORMATION
 SERVICE**

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

Date Prepared: Last Reviewed: 1/7/2002

Meets OSHA 29 CFR 1910.1200

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 (°C): 100 - 230° C (Solution)	Specific Gravity (H2O = 1): 1.01 (Solution)	Vapor Density (Air = 1): 1	Vapor Pressure (mm Hg): 0.1 at 20° C (Solution)
Melting Point (° F) N/A	Evaporation Rate: (Butyl Acetate = 1) 01	Solubility in Water: Soluble	
Appearance And Color: Colorless		Odor: Sweet Citrus Odor	

Section 4 - Fire And Explosion Hazard Data

Flash Point: 235° F (Solution based on DBE)	Flammable Limits: --	LEL: 0.9	UEL: 8.0
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Extinguishing Media: Water fog, alcohol foam, CO2, dry chemical.

Special Firefighting Procedures:

Flood with water. When handling fire involving this product, wear SCBA and full protective equipment.

Unusual Fire And Explosion Hazards:

None. DBE vapors, if present in large quantities, can form an explosive mixture in air.

Continued on Next Page

Section 5 - Reactivity Data

Stability: Stable **Conditions To Avoid:** Keep away from open flames and sparks.

Incompatibility (Materials To Avoid): Avoid contact with strong oxidants, acids, and alkalis.

Hazardous Decomposition: CO and CO₂ may be liberated if material is burned.

Hazardous Polymerization: Will Not Occur

Section 6 - Health Hazard Data

Routes of Entry: **Inhalation** Yes/Primary **Skin** Yes/Primary **Ingestion** Yes/Secondary

Health Hazards:

None. See "Signs and Symptoms" below.

Carcinogenicity: **NTP** NO **IARC** NO **OSHA Regulated** NO

Signs And Symptoms of Exposure:

Not a skin sensitizer, not an eye irritant in animal tests. The product, when tested in accordance with 16CFR1500 was found NOT to be a skin sensitizer, a primary eye irritant, dermally toxic, a primary dermal irritant, orally toxic at levels of 5.0 grams/kg, or toxic by inhalation at concentration levels of 2.1 mg/ml.

Medical Conditions Generally Aggravated By Exposure:

None

Emergency And First Aid Procedures:

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes. Call a physician. **INGESTION:** Give large quantities of water. Do not induce vomiting. Call a physician.

Continued on Next Page

Section 7 - Precautions For Safe Handling And Use:**Steps To Be Taken In Case Material Is Released Or Spilled:**

Handle as non-hazardous waste.

Waste Disposal Method:

Recover non-usable product and dispose of in landfill or as required by applicable regulations.

Precautions To Be Taken In Handling And Storing:

None

Other Precautions:

None

Section 8 - Control Measures:**Respiratory Protection:**

None

Ventilation: Local Exhaust None
Mechanical N/A

Special None

Gloves: None

Other: N/A

Eye Protection: None

Other Protective Clothing: None

Work/Hygienic Practices Use good hygiene practices. When possible, wash hands after using.



FACTS
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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.