



MATERIAL SAFETY DATA SHEETS (MSDS) On-Line OSHA-Required Health And Safety Information!

Section 1

MATERIAL SAFETY DATA SHEET # 87

Hercules for Hands™ Towels

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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
Limits 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 (Air=1):	Vapor Pressure (mm Hg):
100	1.01 (Solution)	1	0.1 at 20°C (Solution)
-			
23			
Melting Point (°F):	Evaporation Rate (Butyl Acetate=1):	Solubility in Water:	
N/A	0.1	Soluble	
Appearance And Color: Colorless		Odor: Sweet citrus odor	

Section 4 - Fire And Explosion Hazard Data

Flash Point:

Flammable Limits:

LEL:

UEL:

235°F (Solution/Based on DBE)

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0.9 8.0

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.

Section 5 - Reactivity Data

Stability: Stable

Conditions To Avoid: Keep away from open flames & 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 & 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.

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 Special: None
Mechanical: N/A Other: N/A
Gloves: None
Eye Protection: None
Other Protective Clothing: None
Work/Hygienic Practices: Use good hygiene practices. When possible wash hands after using.

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