

# 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 # 81**  
**Hercules for Hands™ Lemon Lotion**  
**Hand Cleaner w/Pumice**



**MATERIAL SAFETY INFORMATION SERVICE**

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

Date Prepared: 1/3/1992 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
*Diimethyl Glutrate (1119-40-0)	N/A	8.19 mg/kg	N/A	N/A
*Dimethyl Adipate (627-93-0)	N/A	N/A	N/A	N/A
*Dimethyl Succinate (106-62-0)	N/A	N/A	N/A	N/A
*Present as Mixture of DiBasic Ester (DBE)	N/A	N/A	N/A	N/A
D-Limonene (5989-27-5)	N/A	N/A	N/A	N/A

### HMIS Hazard Rating:

## Section 3 - Physical/Chemical Characteristics

Boiling Point (°C): 200-300° C	Specific Gravity (H2O = 1): 1.01	Vapor Density (Air = 1): 1	Vapor Pressure (mm Hg): 0.1 at 20° C
Melting Point (° F) N/A	Evaporation Rate: (Butyl Acetate = 1) 0.1	Solubility in Water: Soluble	
Appearance And Color: Orangish Yellow Liquid		Odor: Sweet Lemon Odor	

## Section 4 - Fire And Explosion Hazard Data

Flash Point: 235° F	Flammable Limits: N/A	LEL: 0.9	UEL: 8.0
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Extinguishing Media: Water Spray, Chemical Foam, CO2, Dry Chemical

Special Firefighting Procedures:  
None Known

Unusual Fire And Explosion Hazards:  
None -- DBE vapors in large quantities can form explosive mixtures in air.

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**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:** Carbon Monoxide and Carbon Dioxide

**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 Known

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

**Signs And Symptoms of Exposure:**

Not a skin sensitizer. Slight eye irritation in animal tests.

**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.

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**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 N/A  
Mechanical None

Special None

Gloves: None

Other: 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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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.