

Industrial Hand Cleaner 44-1005 MSDS Material Data Safety Sheet

Review and update this document annual as outlined by OSHA regulations and your safety plan.

PRODUCT & COMPANY IDENTIFICATION

Identity (As Used on Label and List): Industrial Hand Cleaner

Product Class:

Emergency Telephone Number: 651-227-8331

Telephone Number for Information: 651-227-8331

Manufacturer's Name and Address:

Needels Supply
444 Wacouta Street
Saint Paul, MN 55101

Date Prepared 01-10-2008

SECTION II - COMPOSITION/ INFORMATION ON INGREDIENTS

Hazardous Components (Specific Chemical Identity):

Chemical	Common Name(s)
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Water	
Triethanololeate	
Alpha Olefin Sulfonate	CAS#5324-84-5
Alkanolamide	CAS #68603-42-9
D-Limonene	CAS#94266-27-4
Lee=0.7%, UEL=6.1%	<4%

SECTION III PHYSICAL CHARACTERISTICS

Boiling Point: 212 F

Specific Gravity: 1.00±0.01

Vapor Pressure: Same As H2O

Vapor Density: Same as H2O

Solubility in Water: Completely

Appearance and Odor: White, viscous liquid,

SECTION IV - FIRE FIGHTING MEASURES

Flammability: No

Autoignition Temperature: N. Ap.

Flash Point (method used): N.A.

Flammable Limits: Does not burn under normal conditions. LEL UEL

Extinguishing Media None needed

Water? Foam?

Alcohol Foam? CO2?

Special Fire Fighting Procedures: N. Ap.

Unusual Fire and Explosion Hazards: None known. This is a water based material and does not support combustion as liquid

TDG Flammability Classification: Non-flammable

Sensitivity to Mechanical Impact: None

Sensitivity to Static Discharge: None

SECTION V - STABILITY AND REACTIVITY

Stability: Unstable: Stable: X

Conditions to Avoid: Keep from freezing. Store at temperatures between 50F and 100F.

Incompatibility (materials to avoid): Do not mix with acids or oxidizers.

Hazardous Decomposition or By-products: Dry residue will give off CO, CO₂, SxO.

Hazardous Polymerization: May occur:

Will not occur: X

Conditions to Avoid: N. Ap.

SECTION VI HEALTH HAZARD DATA & FIRST AID MEASURES

Primary Hazards: Corrosive

Potential Health Hazards

Route(s) of Entry: Skin Absorption: Yes

Ingestion: Accidental Inhalation: No

Eye:

Skin: May dry sensitive skin. If this occurs, apply skin cream to alleviate condition and use another cleaner.

Ingestion:

Health Hazards: May dry sensitive skin. If this occurs, apply skin cream to alleviate condition and use another cleaner.

Signs and Symptoms of Exposure: Irritated skin when used by individuals who have very sensitive skin.

Carcinogenicity: NTP? No IARC

Monographs? No

OSHA Regulated? No No known %carcinogens in product.

Signs & Symptoms of Exposure: Do not use by persons who have open sores or irritated skin.

Emergency and First Aid Procedures: If ingested, drink a glass of water and call p physician. Eye contact, flush eyes for 15 minutes with cool water, if irritation persists obtain medical attention.

SECTION VII Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled:

Vacuum up with a wet/dry vacuum, be sure to put a defoamer in tank to prevent vacuum flooding. A shovel may be used as well as a wet mop. Rinse thoroughly cleaned area.

Precautions to be Taken in Handling and Storing:

Keep from freezing. Best storage temperatures are between 40F and 100F.

Other Precautions: None

Waste Disposal Method: Dispose of in accordance with applicable laws. Product is very biodegradable.

Water? Other? Vaporizing Liquid? Other?

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Types): Not required

Ventilation: Local Exhaust: Not required

Special: Not required

Mechanical (General): n/a

Other: Not required

Protective Gloves: N/A

Eye Protection: For normal use-None Footwear: N/A

Other Protective Clothing or Equipment: Not required

Work/Hygienic Practices: Use product to clean hands, rinse thoroughly.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Approximately 212°F

pH

:

Specific Gravity (H2O) = 1.00±0.01 %

Volatile: > 75

Vapor Density (Air = 1): Approx. that of water Od

or Threshold: N. Av.

Evaporation Rate (Butyl Acetate = 1): N/A Oil/

Water Distribution

Solubility in Water: Complete

Coefficient: N. Av.

Vapor Pressure (MM HG): N. Av.

Melting Point: N. Ap.

HMIS

Hazardous Material Identification System

Health (Salud)	1 = Slight Hazard (Riesgo Ligero)
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Flammable (Inflamabilidad)	0 = Minimal Hazard (Riesgo Minimo)
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Ractivity (Reactividad)	0 = Minimal Hazard (Riesgo Minimo)
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Personal Protection	NA
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MSDS Abbreviations

NE	Not Established
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ND	Not Determined
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NA	Not Available
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NK	Not Known
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NR	Not Required
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