One Minute Stripper 38-1009
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): ONE MINUTE STRIPPER
Product Class: Floor finish stripper
Emergency Telephone Number: 651-227-8331
Telephone Number for Information: 651-227-8331
Manufacturer's Name and Address:
Needels Supply Inc.
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)	OSHA PEL	AGGIH	Other Comments
A	Water CAS# 7732-18-5	NE	NE	
B	*2-Butoxy ethanol CAS# 111-76-2	25ppm (skin)	25ppm (skin)	IDLH-700PPM 20-26%
C	Monethanolamine CAS# 141-43-5	3ppm		IDLH-1000ppm < 5%
D	Potassium hydroxide CAS# 1310-58-3	C2mg/m3	C2mg/m3	<5%
	*This material subject to reporting under the Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III Section 313 and 40 CFR Part 372.			
	Surfactant and chelating agent components are not considered to be hazardous.			

SECTION III PHYSICAL CHARACTERISTICS

Solubility in Water: Complete
Appearance and Odor: Low viscosity, Blush Pink color, Citrus odor.

SECTION IV - FIRE FIGHTING MEASURES
Flammability: Combustible **Autoignition Temperature:**
Flash Point (method used): 106 DEG. F. Cleveland Closed Cup
Flammable Limits: ND LEL: approx 1.1% UEL: approx 10.6%
Extinguishing Media See Below

Water?	**Foam?**	**Water Fog? X**	**Alcohol Foam?**
CO_2? X	**Dry Chemical?**	**Vaporizing Liquid?**	**Other?**

Special Fire Fighting Procedures: NK, Supply of water fog or Co2 should be adequate.

Unusual Fire and Explosion Hazards: None Known, treat vapors as being hazardous as with any high flash point liquid.
TDG Flammability Classification:
Sensitivity to Mechanical Impact: No
Sensitivity to Static Discharge: No

SECTION V - STABILITY AND REACTIVITY

Stability: **Unstable:** **Stable: X**
Conditions to Avoid:. Avoid mixing with oxidizers or acids. Keep from freezing, storage at temperature from 40 DEG. F to 100 DEG. F
Incompatibility (materials to avoid): Incompatible with acids. Do not mix with other chemicals..
Hazardous Decomposition or By-products: Co2, and small amounts of So2, NOX when residue is incinerated.
Hazardous Polymerization: **May occur:** **Will not occur: X** **Conditions to Avoid: NK**.

SECTION VI HEALTH HAZARD DATA & FIRST AID MEASURES

Primary Hazards: When 2-butoxyethanol is inhaled nose and throat are irritated. Eyes are irritated. Skin is defatted and quickly chapped on contact. Ingestion effects throat, intestines, and kidneys.
Potential Health Hazards
Route(s) of Entry: Skin Absorption: Ingestion:
Inhalation:
Eye:. Irrigate immediately for 15 minutes with cool running water, obtain medical aid immediately.
Skin:. Wash off with soap and water. Wash contaminated clothing before reuse.
Ingestion:. Drink 2 glasses of water and seek immediate medical attention.
Respiration: Move to fresh air.
Health Hazards: When 2-butoxyethanol is inhaled nose and throat are irritated. Eyes are irritated. Skin is defatted and quickly capped on contact. Ingestion effects throat intestines and kidneys.

Signs and Symptoms of Exposure:. Stinging of eyes, reddening of skin on repeated contact short term. Nausea and/or dizziness may develop on being subject to areas not properly ventilated.
Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?.
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SECTION VII Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: All spills should be treated as quickly as possible. Turn off all sources of ignition (pilot lights, cigarettes, etc.) in all areas close to spill. Provide good ventilation in spill area. CAUTION: Spills cause floors to become very slippery. It is recommended that an absorbent (oil dry, sawdust, etc.) be available in case a large spill (say more than ½ gallon) occurs. Dyking and applying such material limits spread and improves ease of removal. Apply amounts recommended by the absorbent manufacturer this action generally makes the spill material into a semi-dry slush which can be removed from a floor using a squeegee (or floor brush) and a shovel (non sparking). Place this material in a water proof container and hold for later disposal. After spill slush is removed, mop-rinse spill area with clear water. Mop-rinse again with clear water and pick up rinse water with a wet/dry vacuum, put defoamer in vacuum tank to prevent vacuum flooding. Put rinse water in slush container. For small spills (less than ½ gallon of product, clean up by thoroughly mopping and rinsing. DO NOT let spills contact asphalt, rubber tile or linoleum floors. NOTE: It is recommended that an operator wear impervious footwear (neoprene, etc.), protective eye glasses and protective gloves

Precautions to be Taken in Handling and Storing: Wear rubber gloves and goggles. Store in cool dry place. Keep containers tightly closed when not in use. Provide good ventilation in areas where product is used. Thoroughly rinse emptied container before discarding.

Other Precautions: Keep out of reach of children. Store at temperatures between 40 DEG. F and 100 DEG. F.

Waste Disposal Method: Dispose of in accordance with pertinent laws and regulations.
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SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Types): Wear respirator with organic vapor cartridge.

Ventilation: **Local Exhaust: must always be provided**
Special: NR
Mechanical (General): Always provide
Other: NR
Protective Gloves: Impervious gloves, synthetic rubber Eye Protection: Approved safety goggles
Footwear: Wear impervious (neoprene, etc.) footwear
Other Protective Clothing or Equipment: Use of protective apron is useful.
Work/Hygienic Practices: .Use in accordance with label directions, aquaint all users (personnel) with proper use of product. Do not use around food. Do not use on asphalt, rubber tile or linoleum etc.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 212 DEG. F **pH:** 13.5 +/- 0.1
Specific Gravity (H20) = 1: 0.990/1.000 **%**
Volatile:
Vapor Density (Air = 1): ND **Od**
or Threshold:.
Evaporation Rate (Butyl Acetate = 1): ND. **Oil/**
Water Distribution
Solubility in Water: Complete **Coefficient:**.
Vapor Pressure (MM HG):. Essentially that of water
Melting Point:. Liquid, unless frozen.

HMIS	
Hazardous Material Identification System	
Health (Salud)	**2** = Moderate Hazard (Riesgo Merado)
Flammable (Inflamabilidad)	**0** = Minimal Hazard (Riesgo Minimo)
Ractivity (Reactividad)	**0** = Minimal Hazard (Riesgo Minimo)
Personal Protection	**B** = Gloves & Goggles

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

NEEDELS SUPPLY
for Cleaning & Maintenance Professionals