

Extraction Shampoo 35-1002 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): EXTRACTION SHAMPOO
 Product Class:
 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	Tinopal CBS-X CAS #27344-41-8	NE	NE	
C	*Dowanol Glyco Ether DPM CAS# 111-76-2			
D	Sodium Metasilicate Penta #26 CAS# 6834-92-0	2mg/m 3 as NaOH	2mg/m 3 as NaOH	
E	Sodium Carbonate CAS# 497-19-8	NA	NA	
F	Tetrasodium ethylenediam inetraacetate CAS#64-02-8	NE	2mg/m 3	
G	Sodium Methyl Naphthalene Sulfonate CAS# NA	NA	NA	
	*SARA 313 List of 40 CFR 372			

SECTION III - PHYSICAL CHARACTERISTICS

Solubility in Water: Complete
 Appearance and Odor: Clear Amber liquid, Mild odor

SECTION IV - FIRE FIGHTING MEASURES

Flammability: Autoignition
 Temperature:
 Flash Point (method used): > 200 DEG. F
 Flammable Limits: NK LEL: ND UEL ND
 Extinguishing Media See Below

Water? X	Foam? X	Water Fog? X	Alcohol Foam?
CO2? X	Dry Chemical?	Vaporizing Liquid?	Other?

Special Fire Fighting Procedures: NK
 Unusual Fire and Explosion Hazards: NK
 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: Keep from freezing, store at temperatures below 110 DEG. F
 Incompatibility (materials to avoid): Do not mix with acids or acidic compounds
 Hazardous Decomposition or By-products: Small amounts of CO, CO2, NOX, SOX when residue is incinerated.
 Hazardous Polymerization: May occur: Will not occur: X
 Conditions to Avoid: Do not mix with acids or acidic compounds.

SECTION VI - HEALTH HAZARD DATA & FIRST AID MEASURES

Primary Hazards: Harmful if swallowed. Eye and Skin irritant.
 Potential Health Hazards
 Route(s) of Entry: Skin Absorption: X Ingestion: NO
 Inhalation: X
 Eye: Flush eye with running water for at least 15 minutes. If irritation persists, contact a physician.
 Skin: Rinse affected area with water. Remove and wash contaminated clothes before reuse.
 Ingestion: If swallowed, do not induce vomiting. Drink one to two glasses of water. Call a physician immediately.
 Health Hazards: Harmful if swallowed. Eye and Skin irritant.

Carcinogenicity: NTP? NO IARC Monographs? NO
 OSHA Regulated? NO

Signs & Symptoms of Exposure: See Health Hazards

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. Diking and applying such material limits spread and improves ease of removal. Apply amounts recommended by the 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 waterproof container and hold for later disposal. After spill slush is removed, mop-rinse spill area with clear water. Mop-rinse again with clear 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. Note: It is recommended that on operator wear impervious footwear (neoprene, etc.), protective eye glasses and protective gloves.

Precautions to be Taken in Handling and Storing: Normal care in handling and storage. Store at temperatures from 40 DEG. F to 110 Deg. F.

Other Precautions: Keep out of the reach of children. Do Not Freeze.

Waste Disposal Method: Dispose of in accordance with existing laws and regulations.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Types): NR

Ventilation: Local Exhaust: Special: NR
 Mechanical (General): Normal good ventilation sufficient Other: NR
 Protective Gloves: Gloves suggested for hand work Eye
 Protection: Safety goggles or glasses Footwear:
 Other Protective Clothing or Equipment: NR
 Work/Hygienic Practices: Do not contaminate food or beverage with this or other cleaning chemicals.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Approx. 212 DEG F
 pH:
 Specific Gravity (H20) = 1: 1.056-1.060
 % Volatile:
 Vapor Density (Air = 1): Essentially that of water
 Evaporation Rate (Butyl Acetate = 1): Essentially that of water

Solubility in Water: Complete
 Vapor Pressure (MM HG): Essentially that of water
 Melting Point: Liquid, except when frozen

HMIS	
Hazardous Material Identification System	
Health (Salud)	1 = Slight Hazard (Riesgo Ligero)
Flammable (Inflamabilidad)	2 = Moderate Hazard (Riesgo Merado)
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

