

# Low Foam Concentrate 38-10010 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): Low Foam Concentrate  
 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	Potassium Hydroxide CAS# 1310-58-3	NE	2mg/m3	
C	Sodium Tripolyphosphate CAS# 7758-29-4	NA	NA	
D	*Dowanol Glyco Ether E B CAS# 111-76-2	25ppm	25ppm	4%
E	Ninol 11-CM	NE	NE	
	*SARA 313 list of 40 CFR 372			

## SECTION III PHYSICAL CHARACTERISTICS

Solubility in Water: Complete  
 Appearance and Odor: Orange color, Ether like odor.

## SECTION IV - FIRE FIGHTING MEASURES

Flammability: Autoignition  
 Temperature: ND  
 Flash Point (method used): Greater than 210 DEG. F  
 Flammable Limits: NA LEL: ND UEL: ND  
 Extinguishing Media See Below

Water ? X	Foam? X	Water Fog? X	Alcohol Foam? X
CO2? X	Dry Chemic al?	Vaporizing Liquid?	Other?

Special Fire Fighting Procedures: NR  
 Unusual Fire and Explosion Hazards: NR  
 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: Store above freezing, maximum storage temperature is 110 DEG. F.

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

Hazardous Decomposition or By-products: CO, CO2, NOX, in small amounts when residue is incinerated  
 Hazardous Polymerization: May occur: Will not occur: X Conditions to Avoid: NA.

## SECTION VI HEALTH HAZARD DATA & FIRST AID MEASURES

Primary Hazards: Harmful if swallowed. Concentrate causes burns to eye. Prolonged skin contact removes skin oils and can cause chafing.

Potential Health Hazards

Route(s) of Entry: Skin Absorption: X Ingestion: NO

Inhalation: NO

Eye: Flush eyes with running water for at least 15 minutes. If irritation persists, call a physician.

Skin: Flush area with cool water. Remove and wash contaminated clothing before reuse.

Ingestion: If swallowed, do not induce vomiting, drink one to two glasses of water. Call a physician immediately.

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 1/2 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 1/2 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 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: NA  
 Special: NA  
 Mechanical (General): Normal ventilation sufficient  
 Other: NR

Protective Gloves: Protective gloves when used by hand  
 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: Approx. 1

Volatile:  
 Vapor Density (Air = 1): Essentially same as water

Evaporation Rate (Butyl Acetate = 1): Essentially same as water

Solubility in Water: Complete

Vapor Pressure (MM HG): Essentially same as water  
 Melting Point: Liquid except when frozen

## HMIS

Hazardous Material Identification System

Health (Salud)	1 = Slight Hazard (Riesgo Ligero)
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



**NEEDEL'S SUPPLY**  
for Cleaning & Maintenance Professionals