

Blitz 38-10012 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): BLITZ
 Product Class: Degreaser
 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	Sodium Tripolyphosphate CAS# 7758-29-4	NA	NA	
C	Nonylphenol Polyethylene Glycol Ether CAS# 127087-87-0	NE	NE	
D	*Dowanol Glyco Ether E B CAS# 111-76-2	25ppm	25ppm	7%
E	Potassium Hydroxide CAS# 1310-58-3	NE	2mg/m ³	
F	Tetrasodium ethylenediaminetetraacetate CAS# 64-02-8	NE	2mg/m ³	
G	Sodium Methyl Naphthalene Sulfonate CAS# NA	NE	NE	
	*SARA 313 List of 40 CFR 372			

SECTION III PHYSICAL CHARACTERISTICS

Solubility in Water: Complete
 Appearance and Odor: Red/Purple color. Ether-like odor

SECTION IV - FIRE FIGHTING MEASURES

Flammability: Autoignition
 Temperature:
 Flash Point (method used): 200 Deg F TCC
 Flammable Limits: ND LEL: ND UEL: ND
 Extinguishing Media See Below

Water?	Foam? X	Water Fog? X	Alcohol Foam?
CO ₂ ? X	Dry Chemical? X	Vaporizing Liquid?	Other?

Special Fire Fighting Procedures: None
 Unusual Fire and Explosion Hazards: None
 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: Do not freeze. Store at temperatures from 40 DEG. F to 110 Deg. F.
 Incompatibility (materials to avoid): Do not mix with acidic compounds, or oxidizers.
 Hazardous Decomposition or By-products: CO, CO₂, NOX(very small amounts), 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: Harmful if swallowed. Concentrate burns the eyes. Prolonged or repeated skin contact can remove skin oils and chafing may develop.
 Potential Health Hazards
 Route(s) of Entry: Skin Absorption: X Ingestion: NO Inhalation: X
 Eye: For eye contact, flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention.
 Skin: In case of skin contact, rinse area with cool water. Remove and wash all contaminated clothing before reuse.
 Ingestion: If swallowed, do not induce vomiting, drink one or two glasses of water and call a physician immediately.
 Health Hazards: Harmful if swallowed. Concentrate burns the eyes. Prolonged or repeated skin contact can remove skin oils and chafing may develop.

Signs and Symptoms of Exposure:
 Carcinogenicity: NTP? NO IARC Monographs? NO
 OSHA Regulated? NO

Signs & Symptoms of Exposure: See health hazard

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. Dyking 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. Keep from freezing. Do not mix with other chemicals.

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: NR Special: NR

Mechanical (General): Normal good ventilation sufficient Other: NR

Protective Gloves: Suggested for hand work. Eye Protection: Safety goggles or glasses

Footwear: Impervious footwear, rubber or neoprene, etc.

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: 212 DEG. F pH: 12.5 +/- 0.2

Specific Gravity (H₂O) = 1: 1.042 %

Volatile:

Vapor Density (Air = 1): Greater than 1

Evaporation Rate (Butyl Acetate = 1): NA

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)	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

