

Miracle Cleaner 38-1006 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): MIRACLE CLEANER
 Product Class: General purpose cleaner
 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	Triethano lamine 85% CAS# NA	NE	NE	
C	Dodecylb enzenesu lfonic Acid CAS# 27176- 87-0	NA	NA	
D	Potassiu m Hydroxid e CAS# 1310-58- 3	NE	2mg/m 3	
E	Sodium Tripolyph osphate CAS# 7758-29- 4	NE	NE	
F	*Dowanol Glyco Ether EB CAS# 111-76-2	25ppm	25ppm	4%
	*SARA 313 List of 40 CFR 372			

SECTION III PHYSICAL CHARACTERISTICS

Solubility in Water: Complete
 Appearance and Odor: Light Blue liquid, ether-like odor

SECTION IV - FIRE FIGHTING MEASURES

Flammability: Combustible
 Autoignition Temperature: ND
 Flash Point (method used): 167 DEG. F
 Flammable Limits: ND LEL: ND UEL: ND
 Extinguishing Media See Below

Water?	Foam?	Water Fog? X	Alcohol Foam?
X	X		
CO2?	Dry Chemi cal?	Vaporizi ng Liquid?	Other?
X			

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: Keep from freezing, store at temperatures of 40 DEG. F to 110 DEG. F
 Incompatibility (materials to avoid): Acids and oxidizers. Do not mix with other chemicals in general
 Hazardous Decomposition or By-products: CO, CO2, 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: 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, obtain medical aid.
 Skin: Rinse affected area thoroughly, if irritation persists, obtain medical aid. Remove and wash all contaminated clothing before reuse.
 Ingestion: If swallowed, do not induce vomiting. Drink one or two glasses of water, call a physician immediately.
 Health Hazards: Harmful if swallowed, Eye and skin irritant.

Signs and Symptoms of Exposure: See Health hazards.
 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. Drying 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: NA
 Special: NR
 Mechanical (General): Normal good ventilation sufficient
 Other: NR
 Protective Gloves: Suggested for hand work

Eye Protection: NR, but suggest safety goggles or glasses
 Footwear: NR, Suggest impervious footwear(rubber, neoprene)
 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: 12.0 +/- 0.2
 Specific Gravity (H2O) = 1: 1.035
 % 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, unless 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

