

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration

(Non-Mandatory Form)

Form Approved

OMB No. 1218-0072



100

IDENTITY (As Used on Label and List)

BONNET CARPET CLEANER

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name NEEDELS JANITOR SUPPLY CO a div of NEEDELS COMPANY INC	Emergency Telephone Number (612) 227-8331
Address (Number, Street, City, State, and ZIP Code) 444 WAGOITA ST ST PAUL MN 55101	Telephone Number for Information (612) 227-8331
	Date Prepared 2/18/92
	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Tetrasodium Pyrophosphate CAS #7722-88-5	NE	NE		
*Dowanol Glyco Ether E B CAS #111-76-2	25ppm	25ppm		4%
Ethanol CAS #64-17-5	1000ppm	1000ppm		
Water CAS #7732-18-5	NE	NE		
Sodium Lauryl Sulfate CAS #15-121-3	NE	NE		
Tetrasodium ethylenediaminetetraacetate CAS #64-02-8	NE	2mg/m ³		
1-Methoxy-2-propanol CAS #107-98-2	100ppm	100ppm		
2-Methoxy-1-propanol CAS #1589-47-5	100ppm	100ppm		
Tinopal CBS-X CAS #27344-41-8	NE	NE		

*SARA 313 List of 40 CFR 372

Section III — Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity (H ₂ O = 1)	1.006-1.009
Vapor Pressure (mm Hg.)	ND	Melting Point	NA
Vapor Density (AIR = 1)	NK	Evaporation Rate (Butyl Acetate = 1)	NK

Solubility in Water
Infinite

Appearance and Odor
Nearly colorless, Pleasant odor.

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) greater than 210°F TCC	Flammable Limits NA	LEL	UEL
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Extinguishing Media
NA

Special Fire Fighting Procedures
NA

Unusual Fire and Explosion Hazards

Upon heating to high temperature a small amount of solvents will flash off. Combustion beyond this is not supported

(Reproduce locally)

Section V -- Reactivity Data

Stability	Unstable		Conditions to Avoid	NK
	Stable	X		

Incompatibility (Materials to Avoid) NK

Hazardous Decomposition or Byproducts NK

Hazardous Polymerization	May Occur		Conditions to Avoid	NA
	Will Not Occur	X		

Section VI -- Health Hazard Data

Route(s) of Entry: Inhalation? NO Skin? X Ingestion? X

Health Hazards (Acute and Chronic) Harmfull if swallowed. Concentrate causes burns to eyes. Prolonged skin contact can remove skin oils and can cause chafing.

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

Signs and Symptoms of Exposure See health hazards

Medical Conditions Generally Aggravated by Exposure NK

Emergency and First Aid Procedures For eye contact, flush eyes with cool running water for at least 15 minutes and get medical attention. For ingestion, do not induce vomiting. Drink large amounts of water. Contact a physician. For skin contact, wash area with warm water. Remove and wash contaminated clothing before reuse.

Section VII -- Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled Spilled product may be mopped or vacuumed up. Rinse area thoroughly.

Waste Disposal Method Sanitary landfill or in accordance with existing ordinances

Precautions to Be Taken in Handling and Storing Normal care in handling and storage

Other Precautions Keep out of reach of children. Do not freeze

Section VIII -- Control Measures

Respiratory Protection (Specify Type) NR

Ventilation	Local Exhaust	NA	Special	NR
	Mechanical (General)	Normal good ventilation sufficient	Other	NR
Protective Gloves	NR	Eye Protection	NR	

Other Protective Clothing or Equipment NR

Work/Hygienic Practices Do not contaminate food or beverage with cleaning chemicals