

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

H HEALTH	1
F FLAMMABILITY	0
R REACTIVITY	0
PERSONAL PROTECTION Style NC L503R	B

IDENTITY (As Used on Label and List)

FLOOR PAD CLEANER

Note: Blank spaces are not permitted. If any item is not applicable, information is available, the space must be marked to

Section I

Manufacturer's Name NEEDELS JANITOR SUPPLY CO
a div of NEEDELS COMPANY INC

Address (Number, Street, City, State, and ZIP Code)

444 WACOUTA

ST PAUL MN 55101

Emergency Telephone Number

(612) 227-8331

Telephone Number for information

(612) 227-8331

Date Prepared

2/19/92

Signature of Preparer (optional)

Section II -- Hazardous Ingredients/Identify Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Water CAS #7732-18-5	NE	NE		
Potassium Hydroxide CAS #1310-58-3	NE	2mg/m ³		
Sodium Metasilicate Penta #26 CAS #6834-92-0	2mg/m ³	as NaOH, 2mg/m ³	as Na OH	
Tetrasodium ethylenediaminetetraacetate CAS #64-02-8	NE	2mg/m ³		
Isopropanol 99% CAS #67-63-0	400ppm	400ppm		

Section III -- Physical/Chemical Characteristics

Boiling Point	170°F	Specific Gravity (H ₂ O = 1)	1.050-1.053
Vapor Pressure (mm Hg.)	NK	Melting Point	NA
Vapor Density (AIR = 1)	NK	Evaporation Rate (Butyl Acetate = 1)	NK

Solubility in Water

Complete

Appearance and Odor

Golden color, ether-like 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

NK

(Locality)

Section V -- Reactivity Data

Stability	Unstable		Conditions to Avoid	NK
	Stable	X		

Incompatibility (Materials to Avoid) Acidic Materials

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) Harmful if swallowed. Concentrate causes burns to eye. Prolonged skin contact can remove skin oils and 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 If swallowed, do not induce vomiting. Drink large amounts of water. Get medical attention. For eye contact, flush with cool running water for at least 15 minutes. Contact a physician. For skin contact, wash affected 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. Area should be rinsed 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 Recommended for hand work Eye Protection NR

Other Protective Clothing or Equipment NR

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