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 3
F FLAMMABILITY 1
R REACTIVITY 2
PERSONAL PROTECTION D
Style NC-L503P

IDENTITY *(As Used on Label and List)*: 2100 SCALE & RUST REMOVER

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

Section I

~~MANUFACTURER'S NAME~~ NEEDELS JANITOR SUPPLY CO
DISTRIBUTED BY: A DIV OF NEEDELS CO INC

Address *(Number, Street, City, State, and ZIP Code)*: 444 WACOUTA ST
ST PAUL MN 55101-2399

Emergency Telephone Number: 1-800-535-5053

Telephone Number for Information: 612-227-8331

Date Prepared: 2/12/91

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)*
PHOSPHORIC ACID CAS # 7664-38-2				53

Section III — Physical/Chemical Characteristics

Boiling Point	212°	Specific Gravity (H_2O = 1)	1.45
Vapor Pressure (mm Hg.)	water	Melting Point	47
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	water

Solubility in Water: INFINITE

Appearance and Odor: BLUE/GREEN LIQUID, PUNGENT ODOR

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
NONE	N/A		

Extinguishing Media: N/A

Special Fire Fighting Procedures: N/A

Unusual Fire and Explosion Hazards: N/A

(Reproduce locally)

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid: Reacts with reactive metals such as aluminum to form flammable gas. Reacts with bleach to form poisonous gas. Reacts with aldaline materials with release of heat.
	Stable	X	

Incompatibility (*Materials to Avoid*): Strong bases, bleach, reactive metals such as aluminum

Hazardous Decomposition or Byproducts: N/A

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

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

Health Hazards (*Acute and Chronic*): Redness to overexposed skin. Strong eye irritant. Can cause skin burns by prolonged contact.

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

Signs and Symptoms of Exposure: See health hazards.

Medical Conditions Generally Aggravated by Exposure: N/K

Emergency and First Aid Procedures: For eye contact, wash eyes in running water for at least 15 minutes. If irritation persists, seek medical attention. For skin contact, wash with large quantities of water and 5% bicarbonate solution. See a physician in sever burn or exposure cases. Apply skin lotion.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled: Neutralize with soda ash, sodium bicarbonate or any alkali salt. Check with authorities on laws of disposal. Flush down sewer drain if allowed.

Waste Disposal Method: Sanitary landfill or in accordance with existing ordinances

Precautions to Be Taken in Handling and Storing: Store in cool dry place. Keep container tightly closed. Keep off skin and clothing. Keep out reach of children.

Other Precautions: Do not use on surfaces harmed by acids(marble, terrazzo)

Section VIII — Control Measures

Respiratory Protection (*Specify Type*): None

Ventilation	Local Exhaust: N/A	Special
	Mechanical (*General*): Normal good ventilation sufficient	Other

Protective Gloves: Plastic or rubber | Eye Protection: Plastic or regular

Other Protective Clothing or Equipment: N/R add

Work/Hygienic Practices: Do not contaminate food or drink with cleaning chemicals.