



MATERIAL SAFETY DATA SHEET

REVISION DATE:
DATE PRINTED:

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REVISION NUMBER:
PREPARED BY:

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EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME:
PRODUCT CODE:

PRO KLEEN 127

118414

NFPA/HMIS HAZARD CODES(minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 3/3
Reactivity: 1/1

Fire: 0/0
Special/Protective Equipment: ALK/C

NAME OF THE
MANUFACTURER:

Rochester Midland Corporation
333 Hollenbeck Street
Rochester, New York 14621

Information: 585-336-2200
Emergency Phone:
INFOTRAC: 1-800-535-5053
OUTSIDE US: 1-352-323-3500

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: Causes burns of the mouth, throat and stomach. May be fatal if swallowed.
SKIN CONTACT: Causes severe burns.
INHALATION: May cause mild respiratory irritation. Possible tissue damage. Irritating to respiratory tract in high concentrations.
EYE CONTACT: May cause blindness. Very severe eye damage.
CHRONIC EFFECTS: None known.
EFFECTS/CARCINOGENICITY: None listed under OSHA, IARC, or NTP.
ROUTES OF ENTRY: Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
SODIUM HYDROXIDE 1310-73-2	1.0-5.0	NA	2 mg/m ³
Sodium silicate 1344-09-8	1.0-5.0	NA	NA
POTASSIUM HYDROXIDE 1310-58-3	1.0-5.0	NA	NA

4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Rinse mouth with water many times. Get immediate medical attention.
SKIN: Continue rinsing until slippery feeling is gone. Get medical attention. Flush with water for at least 15 minutes while removing all contaminated clothing and shoes.
INHALATION: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.
EYES: In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.
NOTES TO PHYSICIAN: Probable mucosal damage may contraindicate gastric lavage.

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F): None (C): NA
METHOD: None

FLAMMABLE LIMITS IN AIR

- LOWER (%): None
- UPPER (%): None

SENSITIVITY TO MECHANICAL IMPACT(Y/N):**SENSITIVITY TO STATIC DISCHARGE:****SUITABLE EXTINGUISHING MEDIA:****FIRE FIGHTING PROCEDURES:**

NO

Sensitivity to static discharge is not expected.

Not considered a fire hazard. Water. Foam. Dry chemical.

Wear self-contained breathing equipment and rubber protective clothing.

6. ACCIDENTAL RELEASE MEASURES**SPILL PROCEDURES:****SMALL SPILLS:** Flush with water.**LARGE SPILLS:** Reclaim as much as possible. Shovel or sweep up residue and place in suitable containers.**PERSONAL PRECAUTIONS:** NA**ENVIRONMENTAL PRECAUTIONS:** NA**METHODS FOR CLEANING UP:** NA**7. HANDLING AND STORAGE****PRECAUTIONS TO BE TAKEN**

DANGER: Concentrated, alkaline liquid. Avoid contact with eyes, skin and clothing.

IN HANDLING AND STORAGE:**OTHER PRECAUTIONS:**

No other spill procedures necessary.

SPECIFIC USE(S): NA**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****PROTECTIVE EQUIPMENT:****EXPOSURE CONTROLS:**

None known.

RESPIRATORY PROTECTION:

Not normally required. If mist or vapors in air exceed exposure limit, use NIOSH approved organic vapor respirator.

PROTECTIVE GLOVES:

Rubber gloves.

EYE PROTECTION:

Goggles. Face shield.

OTHER PERSONAL PROTECTION

Chemical resistant materials are required to prevent prolonged or repeated skin contact.

EQUIPMENT:

Eyewash fountains and safety showers must be easily accessible.

VENTILATION:

General mechanical and/or local exhaust as needed if mist or vapors cause irritation.

9. PHYSICAL AND CHEMICAL PROPERTIES**APPEARANCE AND ODOR:** Clear yellow-green liquid. Mild odor.**BOILING POINT (F):** 220

(C) NA

VAPOR PRESSURE: As water**VAPOR DENSITY (AIR=1):** As water**SOLUBILITY IN WATER:** Complete**SPECIFIC GRAVITY:** 1.1**VOV Content (%):** NE**EVAPORATION RATE:** As water**PH:** ~13 (100%)

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: Acrylic monomers
INCOMPATIBILITY (MATERIALS TO AVOID): Avoid contact with aluminum, zinc, other soft metals or galvanized metals. Strong acids and oxidizers.
CONDITIONS/HAZARDS TO AVOID: None known.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: NE
EFFECTS OF CHRONIC EXPOSURE: NE
OTHER TOXIC EFFECTS: NE

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time
CHEMICAL FATE INFORMATION: No data at this time.
MOBILITY: NA
PERSISTENCE/DEGRADABILITY: NA
BIOACCUMULATIVE POTENTIAL: NA
OTHER ADVERSE EFFECTS: NA

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State and Local regulations.

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
SODIUM HYDROXIDE 1310-73-2	1.0-5.0	Listed	Listed	Listed	Not Listed
Sodium silicate 1344-09-8	1.0-5.0	Listed	Listed	Listed	Not Listed
POTASSIUM HYDROXIDE 1310-58-3	1.0-5.0	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
SODIUM HYDROXIDE 1310-73-2	1.0-5.0	1000 lb 454 kg	Not Listed	Not Listed
Sodium silicate 1344-09-8	1.0-5.0	Not Listed	Not Listed	Not Listed
POTASSIUM HYDROXIDE 1310-58-3	1.0-5.0	1000 lb 454 kg	Not Listed	Not Listed

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PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
SODIUM HYDROXIDE 1310-73-2	1.0-5.0	Listed
Sodium silicate 1344-09-8	1.0-5.0	Listed
POTASSIUM HYDROXIDE 1310-58-3	1.0-5.0	Listed

The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	MARTK:
SODIUM HYDROXIDE 1310-73-2	1.0-5.0	Listed
POTASSIUM HYDROXIDE 1310-58-3	1.0-5.0	Listed

The following components of this material are included in the New Jersey Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	NJRTK:
SODIUM HYDROXIDE 1310-73-2	1.0-5.0	Listed
POTASSIUM HYDROXIDE 1310-58-3	1.0-5.0	Listed

The following components of this material are included in the Pennsylvania Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	PARTK:
SODIUM HYDROXIDE 1310-73-2	1.0-5.0	Listed
POTASSIUM HYDROXIDE 1310-58-3	1.0-5.0	Listed

16. OTHER INFORMATION

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

*** END OF MSDS ***