



MATERIAL SAFETY DATA SHEET

REVISION DATE:
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PREPARED BY:

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EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **PA HD 77-22 (CLEANER 77-22)**

PRODUCT CODE: 118726

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

Health: 2/2
Reactivity: 0/0

Fire: 1/1
Special/Protective Equipment: None/B

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: May be harmful if swallowed.
SKIN CONTACT: Causes severe skin irritation with tissue destruction.
INHALATION: May irritate mouth, nose, and throat.
EYE CONTACT: Causes severe eye irritation.
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 - 5	NA	2 mg/m ³
Trisodium phosphate 7601-54-9	20 - 30	NA	NA
Sodium tripolyphosphate 7758-29-4	10 - 20	NA	NA
SODIUM CARBONATE 497-19-8	10 - 20	NA	NA

4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Rinse mouth. Get immediate medical attention.
SKIN: Flush skin with large amounts of water. If irritation persists, get medical attention.
INHALATION: If inhaled, move victim to fresh air and seek medical attention.
EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
NOTES TO PHYSICIAN: None.

5. FIRE AND EXPLOSION HAZARD DATA

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

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5. FIRE AND EXPLOSION HAZARD DATA

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.

Product will not be expected to burn unless all the water is boiled away. As for surrounding fire. Water.

Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS: Pick up with absorbant material.
LARGE SPILLS: Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.

PERSONAL PRECAUTIONS: NA

ENVIRONMENTAL PRECAUTIONS: NA

METHODS FOR CLEANING UP: NA

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: WARNING Avoid contact with eyes, skin and clothing. Keep container closed when not in use.

OTHER PRECAUTIONS: Use only with sufficient ventilation.

SPECIFIC USE(S): NA

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:

Use in a well ventilated area.

RESPIRATORY PROTECTION:

None normally required.

PROTECTIVE GLOVES:

Butyl rubber. Neoprene. Nitrile gloves. PVC.

EYE PROTECTION:

Goggles.

OTHER PERSONAL PROTECTION

Eyewash fountains and safety showers must be easily accessible.

EQUIPMENT:

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

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: White. Powder. Alcohol scent.

BOILING POINT (F): NE

(C) NA

VAPOR PRESSURE: NE

SOLUBILITY IN WATER: Miscible

SPECIFIC GRAVITY: NA

VOC Content (%): NE

VOV Content (%): NE

PH: NA

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10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: Oxides of Carbon. Oxides of Nitrogen. Ammonia.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids and oxidizers. Reactive metals such as aluminum and magnesium.
CONDITIONS/HAZARDS TO AVOID: Freezing conditions.

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 - 5	Listed	Listed	Listed	Not Listed
Trisodium phosphate 7601-54-9	20 - 30	Listed	Listed	Listed	Not Listed
Sodium tripolyphosphate 7758-29-4	10 - 20	Listed	Listed	Listed	Not Listed
SODIUM CARBONATE 497-19-8	10 - 20	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
SODIUM HYDROXIDE 1310-73-2	1 - 5	1000 lb 454 kg	Not Listed	Not Listed
Trisodium phosphate 7601-54-9	20 - 30	2270 kg 5000 lb	Not Listed	Not Listed
Sodium tripolyphosphate 7758-29-4	10 - 20	2270 kg 5000 lb	Not Listed	Not Listed
SODIUM CARBONATE 497-19-8	10 - 20	Not Listed	Not Listed	Not Listed

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PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
SODIUM HYDROXIDE 1310-73-2	1 - 5	Listed
Trisodium phosphate 7601-54-9	20 - 30	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 - 5	Listed
Trisodium phosphate 7601-54-9	20 - 30	Listed
Sodium tripolyphosphate 7758-29-4	10 - 20	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 - 5	Listed
Trisodium phosphate 7601-54-9	20 - 30	Listed
Sodium tripolyphosphate 7758-29-4	10 - 20	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 - 5	Listed
Trisodium phosphate 7601-54-9	20 - 30	Listed
Sodium tripolyphosphate 7758-29-4	10 - 20	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 ***