



## MATERIAL SAFETY DATA SHEET

REVISION DATE: 10/28/2008 REVISION NUMBER: 2  
DATE PRINTED: 11/11/2008 PREPARED BY: 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 Fire: 1/1  
Reactivity: 0/0 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 <sup>3</sup>
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

**5. FIRE AND EXPLOSION HAZARD DATA**

METHOD: None

**FLAMMABLE LIMITS IN AIR**

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

SENSITIVITY TO MECHANICAL IMPACT(Y/N):

NO

SENSITIVITY TO STATIC DISCHARGE:

Sensitivity to static discharge is not expected.

SUITABLE EXTINGUISHING MEDIA:

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

FIRE FIGHTING PROCEDURES:

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

**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

## PA HD 77-22 (CLEANER 77-22)

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 \*\*\*