



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: **HDA 6200 MC**
 PRODUCT CODE: 118380

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

Health: 3/3 Fire: 1/1
 Reactivity: 1/1 Special/Protective Equipment: CORR/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: May cause burns to mucous membranes of mouth, throat, and digestive tract.
SKIN CONTACT: Corrosive; Causes severe burns.
INHALATION: Corrosive to respiratory passages.
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
~PHOSPHORIC ACID ... %~ 7664-38-2	10.0-30.0	1 mg/m ³	1 mg/m ³
NITRIC ACID ... % 7697-37-2	10.0-30.0	2 ppm	2 ppm 5 mg/m ³

4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Rinse mouth. Get immediate medical attention.
SKIN: Flush with water for at least 15 minutes while removing all contaminated clothing and shoes.
 Get medical attention.
INHALATION: If inhaled, move victim to fresh air and seek 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

HDA 6200 MC

- 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:

Carbon dioxide. Foam. Not considered a fire hazard.

FIRE FIGHTING PROCEDURES:

Wear self-contained breathing equipment and rubber protective clothing.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS: Pick up with absorbant material.
LARGE SPILLS: Dike to contain, reclaim all possible.

PERSONAL PRECAUTIONS: NA

ENVIRONMENTAL PRECAUTIONS: NA

METHODS FOR CLEANING UP: NA

7. HANDLING AND STORAGE

**PRECAUTIONS TO BE TAKEN
IN HANDLING AND STORAGE:**

Danger: Corrosive. Keep container closed when not in use. Avoid contact with skin and eyes.
Use only in a well ventilated area.

OTHER PRECAUTIONS:

No other spill procedures necessary.

SPECIFIC USE(S):

NA

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:

Use in a well ventilated area.

RESPIRATORY PROTECTION:

None normally required. Not normally required. If mist or vapors in air exceed exposure limit, use NIOSH approved organic vapor respirator.

PROTECTIVE GLOVES:

Neoprene. PVC. Rubber gloves.

EYE PROTECTION:

Goggles. Face shield.

**OTHER PERSONAL PROTECTION
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, colorless liquid. Characteristic odor.

BOILING POINT (F):

NA

(C) NA

VAPOR PRESSURE:

No data available

VAPOR DENSITY (AIR=1):

10.119 lb/gal, 10.2 lb./gal

SOLUBILITY IN WATER:

Complete

SPECIFIC GRAVITY:

1.22

VOV Content (%):

NE

10. STABILITY AND REACTIVITY

STABILITY DATA:

STABLE

POLYMERIZATION:

Will Not Occur.

HAZARDOUS DECOMPOSITION:

Oxides of Carbon. Oxides of Nitrogen. Oxides of Phosphorus.

**INCOMPATIBILITY (MATERIALS TO
AVOID):**

Strong alkalies. Organic matter.

10. STABILITY AND REACTIVITY

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:
~PHOSPHORIC ACID ... %~ 7664-38-2	10.0-30.0	Listed	Listed	Listed	Not Listed
NITRIC ACID ... % 7697-37-2	10.0-30.0	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
~PHOSPHORIC ACID ... %~ 7664-38-2	10.0-30.0	2270 kg 5000 lb	Not Listed	Not Listed
NITRIC ACID ... % 7697-37-2	10.0-30.0	1000 lb 454 kg	1000 lb RQ Listed	Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
~PHOSPHORIC ACID ... %~ 7664-38-2	10.0-30.0	Listed
NITRIC ACID ... % 7697-37-2	10.0-30.0	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:
~PHOSPHORIC ACID ... %~ 7664-38-2	10.0-30.0	Listed
NITRIC ACID ... % 7697-37-2	10.0-30.0	Listed

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

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PRODUCT COMPOSITION CAS#	%	NJRTK:
~PHOSPHORIC ACID ... %~ 7664-38-2	10.0-30.0	Listed
NITRIC ACID ... % 7697-37-2	10.0-30.0	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:
~PHOSPHORIC ACID ... %~ 7664-38-2	10.0-30.0	Listed
NITRIC ACID ... % 7697-37-2	10.0-30.0	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 ***