



MATERIAL SAFETY DATA SHEET

REVISION DATE: 10/28/2008
DATE PRINTED: 11/11/2008

REVISION NUMBER: 2
PREPARED BY: EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **PROKLEEN 227**
PRODUCT CODE: 118406

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

Health: 1/2 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 cause liver and kidney damage.
SKIN CONTACT: Causes moderate skin irritation.
INHALATION: Inhalation of spray mist may be irritating.
EYE CONTACT: Causes moderate 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
Trisodium nitrilotriacetate 5064-31-3	< 1	NA	NA
SODIUM HYDROGENSULPHATE 7681-38-1	< 1	NA	NA
2-BUTOXYETHANOL 111-76-2	5.50-10.0	20 ppm	240 mg/m ³ 50 ppm

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: Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.
NOTES TO PHYSICIAN: None.

5. FIRE AND EXPLOSION HAZARD DATA

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

PROKLEEN 227

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.

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, 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:

WARNING Avoid contact with skin and eyes. Keep container closed when not in use. 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.

PROTECTIVE GLOVES:

Butyl rubber. Neoprene. Nitrile gloves. PVC.

EYE PROTECTION:

Goggles.

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:

Mild odor. Clear liquid.

BOILING POINT (F):

NA

(C) NA

SOLUBILITY IN WATER:

Complete

SPECIFIC GRAVITY:

1.05

VOV Content (%):

NE

PH:

13 (100%)

10. STABILITY AND REACTIVITY

STABILITY DATA:

STABLE

POLYMERIZATION:

Will Not Occur.

HAZARDOUS DECOMPOSITION:

Oxides of Carbon.

INCOMPATIBILITY (MATERIALS TO AVOID):

Strong acids and oxidizers.

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:
Trisodium nitrilotriacetate 5064-31-3	< 1	Listed	Listed	Listed	Not Listed
SODIUM HYDROGENSULPHATE 7681-38-1	< 1	Listed	Listed	Listed	Not Listed
2-BUTOXYETHANOL 111-76-2	5.50-10.0	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Trisodium nitrilotriacetate 5064-31-3	< 1	Not Listed	Not Listed	Not Listed
SODIUM HYDROGENSULPHATE 7681-38-1	< 1	Not Listed	Not Listed	Not Listed
2-BUTOXYETHANOL 111-76-2	5.50-10.0	Not Listed	Not Listed	Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Trisodium nitrilotriacetate 5064-31-3	< 1	Listed
SODIUM HYDROGENSULPHATE 7681-38-1	< 1	Listed
2-BUTOXYETHANOL 111-76-2	5.50-10.0	Listed

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

PROKLEEN 227

PRODUCT COMPOSITION CAS#	%	MARTK:
Trisodium nitrilotriacetate 5064-31-3	< 1	Listed
2-BUTOXYETHANOL 111-76-2	5.50-10.0	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 HYDROGENSULPHATE 7681-38-1	< 1	Listed
2-BUTOXYETHANOL 111-76-2	5.50-10.0	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:
2-BUTOXYETHANOL 111-76-2	5.50-10.0	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 ***