



MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/16/2012
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PREPARED BY: EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **F-210**
PRODUCT CODE: 118375

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
155 Paragon Drive
Rochester, New York 14624
USA
Emergency Phone:
INFOTRAC: 1-800-535-5053
OUTSIDE US: 1-352-323-3500

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: None known
SKIN CONTACT: Causes moderate skin irritation.
INHALATION: May irritate mouth, nose, and throat.
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 |
|---|---------|-----------|----------------------------------|
| Dipropylene glycol methyl ether 34590-94-8 | 1.0-5.0 | 100 ppm | 100 ppm 600 mg/m ³ |

4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Rinse mouth. Get immediate medical attention.
SKIN: Rinse thoroughly with water. Get medical attention if irritation persists.
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): Not determined
METHOD: None
FLAMMABLE LIMITS IN AIR
LOWER (%): No data

UPPER (%):

No data

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.

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:

Not applicable

ENVIRONMENTAL PRECAUTIONS:

Not applicable

METHODS FOR CLEANING UP:

Not applicable

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN

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

IN HANDLING AND STORAGE:

Use only in a well ventilated area.

OTHER PRECAUTIONS:

No other spill procedures necessary.

SPECIFIC USE(S):

Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:

None known.

RESPIRATORY PROTECTION:

None normally required.

PROTECTIVE GLOVES:

Butyl rubber. PVC. Neoprene. Nitrile gloves.

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:

Clear. Blue liquid. Glycol Ether-like odor.

BOILING POINT (F):

Not determined

(C) Not determined

VAPOR PRESSURE:

Same as water

VAPOR DENSITY (AIR=1):

8.8 lb/gal

SOLUBILITY IN WATER:

Complete

SPECIFIC GRAVITY:

1.04 - 1.06

VOC Content (%):

NE

EVAPORATION RATE:

Not determined

PH:

12.2 - 12.7

10. STABILITY AND REACTIVITY

STABILITY DATA:

STABLE

POLYMERIZATION:

Will Not Occur.

HAZARDOUS DECOMPOSITION:

Oxides of Carbon. Oxides of Sulfur.

INCOMPATIBILITY (MATERIALS TO AVOID):

Strong acids and oxidizers.

10. STABILITY AND REACTIVITY

CONDITIONS/HAZARDS TO AVOID: Freezing conditions.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Not Established
EFFECTS OF CHRONIC EXPOSURE: Not established.
OTHER TOXIC EFFECTS: Not established.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time
CHEMICAL FATE INFORMATION: No data at this time.
MOBILITY: Not applicable.
PERSISTENCE/DEGRADABILITY: Not applicable
BIOACCUMULATIVE POTENTIAL: Not applicable
OTHER ADVERSE EFFECTS: Not applicable

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: |
|---|---------|--------|---------|-------------|-------------|
| Dipropylene glycol methyl ether 34590-94-8 | 1.0-5.0 | Listed | Listed | Listed | Not Listed |

| PRODUCT COMPOSITION CAS# | % | CERCLA: | SARA 302: | SARA 313: |
|---|---------|------------|------------|------------|
| Dipropylene glycol methyl ether 34590-94-8 | 1.0-5.0 | Not Listed | Not Listed | Not Listed |

| PRODUCT COMPOSITION CAS# | % | Canada WHMIS: |
|---|---------|---------------|
| Dipropylene glycol methyl ether 34590-94-8 | 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: |
|---|---------|--------|
| Dipropylene glycol methyl ether 34590-94-8 | 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: |
|---|---------|--------|
| Dipropylene glycol methyl ether 34590-94-8 | 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: |
|---|---------|--------|
| Dipropylene glycol methyl ether 34590-94-8 | 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 *****