



with ASHLAND TECHNOLOGY

# MATERIAL SAFETY DATA SHEET

REVISION DATE: 12/04/2012  
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REVISION NUMBER: 2

## 1. CHEMICAL PRODUCT

PRODUCT NAME: **MILLSPERSE 950**  
PRODUCT CODE: 119349

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

Health: 2/2 Fire: 0/0  
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: Can be harmful if large quantities are swallowed. Causes vomiting, nausea, and diarrhea.  
SKIN CONTACT: May cause moderate skin irritation. Causes drying of the skin.  
INHALATION: Exposure to dust particles generated from this material may cause irritation of the respiratory tract.  
EYE CONTACT: May cause 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<br>CAS#            | %        | ACGIH TLV      | OSHA PELs      |
|----------------------------------------|----------|----------------|----------------|
| Sodium tripolyphosphate<br>7758-29-4   | 90 - 100 | Not applicable | Not applicable |
| Tetrasodium pyrophosphate<br>7722-88-5 | 5 - 10   | Not applicable | Not applicable |
| Sodium Trimetaphosphate<br>7785-84-4   | 1 - 5    | Not applicable | Not applicable |

## 4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Call a physician or Poison Control Center immediately.  
SKIN: Wash with soap and water. Get medical attention if irritation persists. Remove contaminated clothing and launder before reuse.  
INHALATION: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.  
EYES: Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention. Remove contact lenses after the first 5 minutes and continue rinsing.  
NOTES TO PHYSICIAN: None.

**5. FIRE AND EXPLOSION HAZARD DATA**

|                                               |                                                                                                                                                                                           |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>FLASH POINT:</b>                           | (F): NA (C): NA                                                                                                                                                                           |
| <b>METHOD:</b>                                | None                                                                                                                                                                                      |
| <b>FLAMMABLE LIMITS IN AIR</b>                |                                                                                                                                                                                           |
| <b>LOWER (%):</b>                             | No data                                                                                                                                                                                   |
| <b>UPPER (%):</b>                             | No data                                                                                                                                                                                   |
| <b>SENSITIVITY TO MECHANICAL IMPACT(Y/N):</b> | NO                                                                                                                                                                                        |
| <b>SENSITIVITY TO STATIC DISCHARGE:</b>       | Sensitivity to static discharge is not expected.                                                                                                                                          |
| <b>SUITABLE EXTINGUISHING MEDIA:</b>          | Carbon dioxide. Dry chemical. Water mist.                                                                                                                                                 |
| <b>FIRE FIGHTING PROCEDURES:</b>              | Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Dust may be an explosive hazard. Keep away from ignition sources. |

**6. ACCIDENTAL RELEASE MEASURES**

**SPILL PROCEDURES:**

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| <b>SMALL SPILLS:</b> | Reclaim as much as possible.                                                              |
| <b>LARGE SPILLS:</b> | Reclaim as much as possible. Shovel or sweep up residue and place in suitable containers. |

**PERSONAL PRECAUTIONS:** Wear adequate personal protective equipment, see Section 8, Exposure Controls/Personal Protection.

**ENVIRONMENTAL PRECAUTIONS:** Keep out of drains, sewers, streams, or other bodies of water.

**METHODS FOR CLEANING UP:** Not applicable

**7. HANDLING AND STORAGE**

|                                                         |                                                                                                                                                                                                                              |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:</b> | Wash thoroughly after handling. Empty containers may contain product residue. Emptied containers may retain hazardous properties. Do not cut, puncture or weld on or near the container. Avoid generating or breathing dust. |
| <b>OTHER PRECAUTIONS:</b>                               | No other spill procedures necessary.                                                                                                                                                                                         |
| <b>SPECIFIC USE(S):</b>                                 | Not applicable.                                                                                                                                                                                                              |

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**PROTECTIVE EQUIPMENT:**



|                                             |                                                                                                                                               |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EXPOSURE CONTROLS:</b>                   | Localized ventilation should be used to control dust levels.                                                                                  |
| <b>RESPIRATORY PROTECTION:</b>              | Use NIOSH approved respirator with dust/mist filter as needed to meet exposure limits of mist in air.                                         |
| <b>PROTECTIVE GLOVES:</b>                   | Chemical resistant gloves are recommended to minimize skin contact.                                                                           |
| <b>EYE PROTECTION:</b>                      | Safety glasses are recommended to minimize eye contact.                                                                                       |
| <b>OTHER PERSONAL PROTECTION EQUIPMENT:</b> | It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product. |
| <b>VENTILATION:</b>                         | Mechanical ventilation as needed.                                                                                                             |

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|                               |                        |        |
|-------------------------------|------------------------|--------|
| <b>APPEARANCE AND ODOR:</b>   | White, granular powder |        |
| <b>BOILING POINT (F):</b>     | NA                     | (C) NA |
| <b>VAPOR PRESSURE:</b>        | Not determined         |        |
| <b>VAPOR DENSITY (AIR=1):</b> | Not determined         |        |
| <b>SOLUBILITY IN WATER:</b>   | Not determined         |        |

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**SPECIFIC GRAVITY:** Not determined  
**VOC Content (%):** Not determined  
**EVAPORATION RATE:** Not determined  
**PH:** 10

**10. STABILITY AND REACTIVITY**

**STABILITY DATA:** STABLE  
**POLYMERIZATION:** Will Not Occur.  
**HAZARDOUS DECOMPOSITION:** Oxides of Phosphorus. Oxides of Sodium.  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong mineral acids. Oxidizing materials. Organic matter. Metals.  
**CONDITIONS/HAZARDS TO AVOID:** None known.

**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<br>CAS#            | %        | TSCA:  | EINECS: | Canada DSL: | CA PROP 65: |
|----------------------------------------|----------|--------|---------|-------------|-------------|
| Sodium tripolyphosphate<br>7758-29-4   | 90 - 100 | Listed | Listed  | Listed      | Not Listed  |
| Tetrasodium pyrophosphate<br>7722-88-5 | 5 - 10   | Listed | Listed  | Listed      | Not Listed  |
| Sodium Trimetaphosphate<br>7785-84-4   | 1 - 5    | Listed | Listed  | Listed      | Not Listed  |

| PRODUCT COMPOSITION<br>CAS#            | %        | CERCLA:    | SARA 302:  | SARA 313:  |
|----------------------------------------|----------|------------|------------|------------|
| Sodium tripolyphosphate<br>7758-29-4   | 90 - 100 | Not Listed | Not Listed | Not Listed |
| Tetrasodium pyrophosphate<br>7722-88-5 | 5 - 10   | Not Listed | Not Listed | Not Listed |
| Sodium Trimetaphosphate<br>7785-84-4   | 1 - 5    | Not Listed | Not Listed | Not Listed |

## MILLSPERSE 950

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

| <b>PRODUCT COMPOSITION<br/>CAS#</b>    | <b>%</b> | <b>MARTK:</b> |
|----------------------------------------|----------|---------------|
| Sodium tripolyphosphate<br>7758-29-4   | 90 - 100 | Listed        |
| Tetrasodium pyrophosphate<br>7722-88-5 | 5 - 10   | Listed        |
| Sodium Trimetaphosphate<br>7785-84-4   | 1 - 5    | Listed        |

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

| <b>PRODUCT COMPOSITION<br/>CAS#</b>    | <b>%</b> | <b>NJRTK:</b> |
|----------------------------------------|----------|---------------|
| Tetrasodium pyrophosphate<br>7722-88-5 | 5 - 10   | Listed        |

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

| <b>PRODUCT COMPOSITION<br/>CAS#</b>    | <b>%</b> | <b>PARTK:</b> |
|----------------------------------------|----------|---------------|
| Sodium tripolyphosphate<br>7758-29-4   | 90 - 100 | Listed        |
| Tetrasodium pyrophosphate<br>7722-88-5 | 5 - 10   | Listed        |
| Sodium Trimetaphosphate<br>7785-84-4   | 1 - 5    | 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 \*\*\*