



with **ASHLAND** TECHNOLOGY

MATERIAL SAFETY DATA SHEET

REVISION DATE: 05/09/2013

REVISION NUMBER: 1

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1. CHEMICAL PRODUCT

PRODUCT NAME: **AMERCOR 8750**

PRODUCT CODE: 119625

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

Health: 3/3

Fire: 2/2

Reactivity: 1/1

Special/Protective Equipment: CORR/D

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: May be harmful if swallowed. May be fatal if swallowed. Causes irritation of the stomach and intestines, resulting in nausea and/or vomiting. Causes burns of the mouth, throat and stomach.

SKIN CONTACT: May cause skin burns. May cause an allergic skin reaction.

INHALATION: May be harmful if inhaled. May be fatal if inhaled. Inhalation of mist may cause damage to nasal and respiratory passages.

EYE CONTACT: May cause permanent eye damage. May cause corneal injury. May harm vision. May cause blindness.

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 |
|-----------------------------|---------|-----------|--------------------------------|
| CYCLOHEXYLAMINE 108-91-8 | 40 - 50 | 10 ppm | Not applicable |
| MORPHOLINE 110-91-8 | 40 - 50 | 20 ppm | 20 ppm 70 mg/m ³ |

4. FIRST AID MEASURES

INGESTION: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

SKIN: Flush with water for at least 15 minutes while removing all contaminated clothing and shoes. Get medical attention.

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.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.

NOTES TO PHYSICIAN: Aspiration may cause severe lung damage. Evacuate stomach in a way which avoids aspiration.

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: (F): 109° (C): 43°

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: Carbon Dioxide, Dry Chemicals, Foam. Water.

FIRE FIGHTING PROCEDURES: Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Vapor or gas may spread to distant ignition sources and flash back.

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:

Wear adequate personal protective equipment, see Section 8, Exposure Controls/Personal Protection. Keep away from heat, sparks, or flame.

ENVIRONMENTAL PRECAUTIONS:

Keep out of drains, sewers, streams, or other bodies of water.

METHODS FOR CLEANING UP:

Not applicable

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

Store in a cool, dry location away from incompatible materials. Store in a well ventilated area. Keep container closed when not in use. Keep away from heat and sources of ignition. Emptied containers may retain hazardous properties. Do not cut, puncture or weld on or near the container.

OTHER PRECAUTIONS:

No other spill procedures necessary.

SPECIFIC USE(S):

Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**PROTECTIVE EQUIPMENT:****EXPOSURE CONTROLS:**

Ensure adequate ventilation, especially in confined areas.

RESPIRATORY PROTECTION:

Use approved NIOSH respiratory protection if TLV/PEL exceeded or if over exposure is likely.

PROTECTIVE GLOVES:

Nitrile, neoprene, or other appropriate gloves are recommended to minimize hand skin contact.

EYE PROTECTION:

Goggles and face shield are recommended to minimize eye contact.

OTHER PERSONAL PROTECTION EQUIPMENT:

Appropriate protective clothing as needed to prevent skin contact. Eyewash fountains and safety showers must be easily accessible. 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.

VENTILATION:

General mechanical or local exhaust as needed to maintain exposure below TLV or PEL.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|-------------------------------|---------------------------------------|----------|
| APPEARANCE AND ODOR: | Clear pale yellow liquid. Amine odor. | |
| BOILING POINT (F): | 212° | (C) 100° |
| VAPOR PRESSURE: | 23.33 hPa | |
| VAPOR DENSITY (AIR=1): | > 1 | |
| SOLUBILITY IN WATER: | Not determined | |
| SPECIFIC GRAVITY: | 0.937 - 1.069 | |
| BULK DENSITY: | 8.1 | |
| VOC Content (%): | Not determined | |
| EVAPORATION RATE: | Not determined | |
| PH: | 11 min. | |

10. STABILITY AND REACTIVITY

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|--|--|
| STABILITY DATA: | STABLE |
| POLYMERIZATION: | Will Not Occur. |
| HAZARDOUS DECOMPOSITION: | Ammonia. Carbon Dioxide. Carbon Monoxide. Formaldehyde. Hydrogen Cyanide. Nitrogen oxides. Nitrogen compounds. |
| INCOMPATIBILITY (MATERIALS TO AVOID): | Acids. Alcohols. Aldehydes. Aluminum. Copper. Galvanized steel. Isocyanates Metals. Nitrites. Organic acid anhydrides. Phenol. Reducing agents. Strong oxidents, such as nitric acid, or hypochlorites. Zinc |
| CONDITIONS/HAZARDS TO AVOID: | Keep away from heat, sparks and flame. |

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

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| WASTE DISPOSAL METHODS: | Dispose in accordance with Federal, State and Local regulations. |
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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: |
|-----------------------------|---------|--------|---------|-------------|-------------|
| CYCLOHEXYLAMINE 108-91-8 | 40 - 50 | Listed | Listed | Listed | Not Listed |
| MORPHOLINE 110-91-8 | 40 - 50 | Listed | Listed | Listed | Not Listed |

AMERCOR 8750

| PRODUCT COMPOSITION CAS# | % | CERCLA: | SARA 302: | SARA 313: |
|-----------------------------|---------|------------|-------------------------------|------------|
| CYCLOHEXYLAMINE 108-91-8 | 40 - 50 | Not Listed | 10000 lb RQ = 10000 lb TPQ | Not Listed |
| MORPHOLINE 110-91-8 | 40 - 50 | Not Listed | Not Listed | Not Listed |

| PRODUCT COMPOSITION CAS# | % | Canada WHMIS: |
|-----------------------------|---------|---------------|
| MORPHOLINE 110-91-8 | 40 - 50 | 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: |
|-----------------------------|---------|--------|
| CYCLOHEXYLAMINE 108-91-8 | 40 - 50 | Listed |
| MORPHOLINE 110-91-8 | 40 - 50 | 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: |
|-----------------------------|---------|--------|
| CYCLOHEXYLAMINE 108-91-8 | 40 - 50 | Listed |
| MORPHOLINE 110-91-8 | 40 - 50 | 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: |
|-----------------------------|---------|--------|
| CYCLOHEXYLAMINE 108-91-8 | 40 - 50 | Listed |
| MORPHOLINE 110-91-8 | 40 - 50 | 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 ***