



## MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/19/2012

REVISION NUMBER:

2

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PREPARED BY:

EH&S DEPARTMENT

### 1. CHEMICAL PRODUCT

PRODUCT NAME: **OT-X12, Multi-Purpose Fuel Oil Treatment**

PRODUCT CODE: 117798

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

Health: 1/1

Fire: 2/2

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:** Irritation. Nausea. Vomiting. Aspiration of ingested or vomited liquid into the lungs may cause chemical pneumonia, which can be fatal.

**SKIN CONTACT:** May cause moderate skin irritation. Dermatitis.

**INHALATION:** Inhalation of spray mist may be irritating.

**EYE CONTACT:** May cause moderate eye irritation.

**CHRONIC EFFECTS:** None expected in normal use. Data from animal studies indicate that excessive prolonged skin contact may cause liver damage and jaundice.

**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
Alkyl aryl magnesium sulfonate 71786-47-5	30 max.	Not applicable	Not applicable
FUEL-OIL NO.2 68476-30-2	70 min.	100 mg/m <sup>3</sup>	Not applicable

### 4. FIRST AID MEASURES

**INGESTION:** DO NOT INDUCE VOMITING. Contact Physician.

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

**INHALATION:** Move person to fresh air. Aid breathing if necessary.

**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:** None.

### 5. FIRE AND EXPLOSION HAZARD DATA

## OT-X12, Multi-Purpose Fuel Oil Treatment

### 5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	(F): 140° F max. (C): 77.8° C max.
METHOD:	COC
FLAMMABLE LIMITS IN AIR	
LOWER (%):	0.7%
UPPER (%):	8.5%
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. Sand. Water may be ineffective.
FIRE FIGHTING PROCEDURES:	Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

### 6. ACCIDENTAL RELEASE MEASURES

#### SPILL PROCEDURES:

SMALL SPILLS:	Reclaim as much as possible.
LARGE SPILLS:	Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Keep out of drains, sewers, streams, or other bodies of water.

PERSONAL PRECAUTIONS:	Not applicable
ENVIRONMENTAL PRECAUTIONS:	Not applicable
METHODS FOR CLEANING UP:	Not applicable

### 7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	Use only in a well ventilated area. Avoid contact with skin and eyes. Do not breathe mist or vapors. Do not store near heat, sparks or flame. Do not store near oxidizing agents. Store only in original container and keep closed. Do not reuse container.
OTHER PRECAUTIONS:	Keep out of reach of children.
SPECIFIC USE(S):	Not applicable.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:	Use in a well ventilated area.
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:	Safety glasses 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 and/or local exhaust as needed to meet exposure limits if mist in air. Use non-sparking equipment.

## OT-X12, Multi-Purpose Fuel Oil Treatment

### 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Clear. Brown. Viscous liquid. Oil-like odor.
BOILING POINT (F):	> 302 F (C) > 167.8° C
VAPOR PRESSURE:	Not determined
VAPOR DENSITY (AIR=1):	0.85
SOLUBILITY IN WATER:	Not determined
SPECIFIC GRAVITY:	> 1.1
VOC Content (%):	Not determined
EVAPORATION RATE:	Not determined
PH:	Not determined

### 10. STABILITY AND REACTIVITY

STABILITY DATA:	STABLE
POLYMERIZATION:	Will Not Occur.
HAZARDOUS DECOMPOSITION:	Incomplete combustion produces: Fumes. Smoke. Oxides of Carbon. Oxides of Sulfur.
INCOMPATIBILITY (MATERIALS TO AVOID):	Do not store or mix with: Acids. Strong oxidents, such as nitric acid, or hypochlorites.
CONDITIONS/HAZARDS TO AVOID:	Avoid any source of ignition. Open flames. Welding arcs.

### 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.
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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:
Alkyl aryl magnesium sulfonate 71786-47-5	30 max.	Not Listed	Not Listed	Not Listed	Not Listed
FUEL-OIL NO.2 68476-30-2	70 min.	Listed	Listed	Listed	Not Listed

## OT-X12, Multi-Purpose Fuel Oil Treatment

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Alkyl aryl magnesium sulfonate 71786-47-5	30 max.	Not Listed	Not Listed	Not Listed
FUEL-OIL NO.2 68476-30-2	70 min.	Not Listed	Not Listed	Not Listed

None of the components of this material are included in the Massachusetts Substance List nor are present at or above reportable levels.

None of the components of this material are included in the New Jersey Substance List nor are present at or above reportable levels.

None of the components of this material are included in the Pennsylvania Substance List nor are present at or above reportable levels.

### 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 \*\*\*