



MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/23/2014

REVISION NUMBER: 2

DATE PRINTED: 04/30/2014

1. CHEMICAL PRODUCT

PRODUCT NAME: **MID-COOL DMIPFG**

PRODUCT CODE: 119673

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

Health: 1/1

Fire: 1/1

Reactivity: 0/0

Special/Protective Equipment: None/B

Emergency Phone:

INFOTRAC: 1-800-535-5053

OUTSIDE US: 1-352-323-3500

DISTRIBUTED BY: Rochester Midland Corporation
155 Paragon Drive
Rochester, NY 14624

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: Low toxicity in small quantities. No adverse health effects are expected from swallowing.
SKIN CONTACT: No irritation or absorption expected.
INHALATION: May cause mild respiratory irritation.
EYE CONTACT: May cause mild eye irritation.
CHRONIC EFFECTS: Long-term excessive over exposure to glycols may result in kidney and nervous system effects.
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
Propylene glycol 57-55-6	45 - 55	Not applicable	Not applicable
Dipotassium phosphate 7758-11-4	1 - 2	Not applicable	Not applicable
Corrosion inhibitor blend MIXTURE	1 - 2	Not applicable	Not applicable

4. FIRST AID MEASURES

INGESTION: None known.
SKIN: Remove contaminated clothing and launder before reuse. Wash with soap and water.
INHALATION: If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
NOTES TO PHYSICIAN: None.

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	(F): > 212° (C): > 100°
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:	Dry chemical. Carbon dioxide. Water mist.
FIRE FIGHTING PROCEDURES:	Residue can burn after water has evaporated. DO NOT USE streams of water, as this will scatter the liquid and spread the fire. Use water spray to cool nearby containers and structures exposed to fire. 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. Be aware of potential for surfaces to become slippery.
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

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not store near heat, sparks or flame. Avoid direct sunlight. Store in a dry location away from heat and direct sunlight. Store in a well ventilated area. Do not puncture, incinerate or crush. Keep out of reach of children.
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:	Use approved NIOSH respiratory protection if TLV/PEL exceeded or if over exposure is likely.
PROTECTIVE GLOVES:	Chemical resistant gloves are recommended to minimize 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. 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:	Pink to red Liquid. Mild odor.
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9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F):	221°	(C) 105°
VAPOR PRESSURE:	< 0.1 mmHG @ 20° C	
VAPOR DENSITY (AIR=1):	> 1	
SOLUBILITY IN WATER:	Not determined	
SPECIFIC GRAVITY:	1.031	
VOC Content (%):	Not determined	
EVAPORATION RATE:	Not determined	
PH:	10.3	

10. STABILITY AND REACTIVITY

STABILITY DATA:	STABLE
POLYMERIZATION:	Will Not Occur.
HAZARDOUS DECOMPOSITION:	Aldehydes. Carbon Dioxide. Carbon Monoxide.
INCOMPATIBILITY (MATERIALS TO AVOID):	Strong acids, bases and oxidizing agents.
CONDITIONS/HAZARDS TO AVOID:	Extreme heat, direct sunlight.

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:
Propylene glycol 57-55-6	45 - 55	Listed	Listed	Listed	Not Listed
Dipotassium phosphate 7758-11-4	1 - 2	Listed	Listed	Listed	Not Listed
Corrosion inhibitor blend MIXTURE	1 - 2	Not Listed	Not Listed	Not Listed	Not Listed

MID-COOL DMIPFG

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Propylene glycol 57-55-6	45 - 55	Not Listed	Not Listed	Not Listed
Dipotassium phosphate 7758-11-4	1 - 2	Not Listed	Not Listed	Not Listed
Corrosion inhibitor blend MIXTURE	1 - 2	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Propylene glycol 57-55-6	45 - 55	Listed

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

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:
Propylene glycol 57-55-6	45 - 55	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:
Propylene glycol 57-55-6	45 - 55	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 ***