



MATERIAL SAFETY DATA SHEET

REVISION DATE: 10/28/2008 REVISION NUMBER: 2
DATE PRINTED: 11/11/2008 PREPARED BY: EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **CS-54**
PRODUCT CODE: 119034

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

Health: 1/1 Fire: 0/0
Reactivity: 0/0 Special/Protective Equipment: None/B

NAME OF THE MANUFACTURER: Rochester Midland Corporation
333 Hollenbeck Street
Rochester, New York 14621
Information: 585-336-2200
Emergency Phone:
INFOTRAC: 1-800-535-5053
OUTSIDE US: 1-352-323-3500

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: No adverse health effects are expected from swallowing.

SKIN CONTACT: Causes severe skin irritation.
INHALATION: None known.
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
Amino (methylene phosphoric acid) 6419-19-8	10 - 20	NA	NA
Ethylene glycol 107-21-1	1 - 5	NA	NA
Methanol 67-56-1	1 - 5	200 ppm	200 ppm 260 mg/m ³

4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Rinse mouth. Get immediate medical attention.
SKIN: 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

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FLASH POINT (F): None (C): NA
 METHOD: None

FLAMMABLE LIMITS IN AIR

- LOWER (%): None
 - UPPER (%): None

SENSITIVITY TO MECHANICAL IMPACT(Y/N):

SENSITIVITY TO STATIC DISCHARGE:

SUITABLE EXTINGUISHING MEDIA:

FIRE FIGHTING PROCEDURES:

NO

Sensitivity to static discharge is not expected.

Product will not be expected to burn unless all the water is boiled away. As for surrounding fire.

Wear self-contained breathing equipment and rubber protective clothing.

6. ACCIDENTAL RELEASE MEASURES**SPILL PROCEDURES:**

SMALL SPILLS: Pick up with absorbant material.
 LARGE SPILLS: Dike to contain, reclaim all possible.

PERSONAL PRECAUTIONS: NA

ENVIRONMENTAL PRECAUTIONS: NA

METHODS FOR CLEANING UP: NA

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN
 IN HANDLING AND STORAGE:

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

OTHER PRECAUTIONS:

No other spill procedures necessary.

SPECIFIC USE(S):

NA

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:

Use in a well ventilated area.

RESPIRATORY PROTECTION:

None normally required.

PROTECTIVE GLOVES:

Butyl rubber. Neoprene. Nitrile gloves. PVC.

EYE PROTECTION:

Goggles.

OTHER PERSONAL PROTECTION
 EQUIPMENT:

Eyewash fountains and safety showers must be easily accessible.

VENTILATION:

General mechanical and/or local exhaust as needed if mist or vapors cause irritation.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

Clear. Light amber liquid.

BOILING POINT (F):

NA

(C) NA

VAPOR PRESSURE:

Same as water

VAPOR DENSITY (AIR=1):

NE

SOLUBILITY IN WATER:

Complete

SPECIFIC GRAVITY:

1.208

VOC Content (%):

0

VOV Content (%):

NE

PH:

2.47

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: Oxides of Carbon. Oxides of Phosphorus.
INCOMPATIBILITY (MATERIALS TO AVOID): None known.
CONDITIONS/HAZARDS TO AVOID: Freezing conditions.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: NE
EFFECTS OF CHRONIC EXPOSURE: NE
OTHER TOXIC EFFECTS: NE

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time
CHEMICAL FATE INFORMATION: No data at this time.
MOBILITY: NA
PERSISTENCE/DEGRADABILITY: NA
BIOACCUMULATIVE POTENTIAL: NA
OTHER ADVERSE EFFECTS: NA

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:
Amino (methylene phosphoric acid) 6419-19-8	10 - 20	Listed	Listed	Listed	Not Listed
Ethylene glycol 107-21-1	1 - 5	Listed	Not Listed	Listed	Not Listed
Methanol 67-56-1	1 - 5	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Amino (methylene phosphoric acid) 6419-19-8	10 - 20	Not Listed	Not Listed	Not Listed
Ethylene glycol 107-21-1	1 - 5	2270 kg 5000 lb	Not Listed	Listed
Methanol 67-56-1	1 - 5	2270 kg 5000 lb	Not Listed	Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Ethylene glycol 107-21-1	1 - 5	Listed
Methanol 67-56-1	1 - 5	Listed

CS-54

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:
Ethylene glycol 107-21-1	1 - 5	Listed
Methanol 67-56-1	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.

PRODUCT COMPOSITION CAS#	%	NJRTK:
Ethylene glycol 107-21-1	1 - 5	Listed
Methanol 67-56-1	1 - 5	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:
Ethylene glycol 107-21-1	1 - 5	Listed
Methanol 67-56-1	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 ***