



MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/16/2012

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PREPARED BY:

EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **LUBE GUARD CATIONIC, Concentrated Cationic Chain Lubricant**

PRODUCT CODE: 118359

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: Large amounts may cause irritation, nausea, diarrhea. Vomiting. May be harmful if swallowed.
SKIN CONTACT: May cause skin burns. Prolonged contact may lead to irritation and dermatitis.
INHALATION: May irritate mouth, nose, and throat. Harmful if inhaled.
EYE CONTACT: May Cause Eye Burns.
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 |
|---------------------------------------------|------|---------------------|---------------------|
| Phosphoric acid 7664-38-2 | < 5 | 1 mg/m ³ | 1 mg/m ³ |
| Quaternary ammonium compounds 68424-85-1 | < 10 | Not applicable | Not applicable |

4. FIRST AID MEASURES

INGESTION: Drink one or two glasses of water. Get medical attention. Never give anything by mouth to an unconscious person.

SKIN: Wash with soap and water. Flush with water for at least 15 minutes while removing all contaminated clothing and shoes. Get medical attention if irritation or burns develop.

INHALATION: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

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.

LUBE GUARD CATIONIC, Concentrated Cationic Chain Lubricant

5. FIRE AND EXPLOSION HAZARD DATA

| | |
|----------------------------------------|--------------------------------------------------------------------------------|
| FLASH POINT: | (F): None (C): Not determined |
| 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: | As appropriate for surrounding fire-product is mostly water and will not burn. |
| FIRE FIGHTING PROCEDURES: | None. |

6. ACCIDENTAL RELEASE MEASURES

| | |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------|
| SPILL PROCEDURES: | |
| SMALL SPILLS: | Mop up all possible. Rinse down drain. |
| LARGE SPILLS: | Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with 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: | Avoid contact with eyes, skin and clothing. Do not breathe mist or vapors. Store indoors. Keep from freezing. |
| OTHER PRECAUTIONS: | Keep out of reach of children. |
| SPECIFIC USE(S): | Not applicable. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



| | |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------|
| EXPOSURE CONTROLS: | None known. |
| RESPIRATORY PROTECTION: | None normally required. |
| PROTECTIVE GLOVES: | Rubber or plastic gloves recommended to minimize skin contact. |
| EYE PROTECTION: | Safety Glasses. Goggles. |
| OTHER PERSONAL PROTECTION EQUIPMENT: | Appropriate protective clothing as needed to prevent skin contact. |
| VENTILATION: | Not normally required. General mechanical and/or local exhaust as needed if mist or vapors cause irritation. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|------------------------|----------------------------------------------|
| APPEARANCE AND ODOR: | Clear. Viscous. Colorless liquid. Mild odor. |
| BOILING POINT (F): | 212 F (C) Not determined |
| VAPOR PRESSURE: | As water |
| VAPOR DENSITY (AIR=1): | As water |
| SOLUBILITY IN WATER: | Not determined |
| SPECIFIC GRAVITY: | 1.03 |
| VOC Content (%): | 0.25 (Per EPA Method 24) |
| EVAPORATION RATE: | As water |

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9. PHYSICAL AND CHEMICAL PROPERTIES

PH: 2.8 - 3.8 (1%)

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: If evaporated to dryness, as in a fire, material may burn, releasing: Carbon Dioxide. Carbon Monoxide.
INCOMPATIBILITY (MATERIALS TO AVOID): None
CONDITIONS/HAZARDS TO AVOID: None.

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 CAS# | % | TSCA: | EINECS: | Canada DSL: | CA PROP 65: |
|---------------------------------------------|------|--------|---------|-------------|-------------|
| Phosphoric acid 7664-38-2 | < 5 | Listed | Listed | Listed | Not Listed |
| Quaternary ammonium compounds 68424-85-1 | < 10 | Listed | Listed | Not Listed | Not Listed |

| PRODUCT COMPOSITION CAS# | % | CERCLA: | SARA 302: | SARA 313: |
|---------------------------------------------|------|--------------------|------------|------------|
| Phosphoric acid 7664-38-2 | < 5 | 2270 kg 5000 lb | Not Listed | Not Listed |
| Quaternary ammonium compounds 68424-85-1 | < 10 | Not Listed | Not Listed | Not Listed |

| PRODUCT COMPOSITION CAS# | % | Canada WHMIS: |
|------------------------------|-----|---------------|
| Phosphoric acid 7664-38-2 | < 5 | Listed |

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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: |
|------------------------------|-----|--------|
| Phosphoric acid 7664-38-2 | < 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: |
|------------------------------|-----|--------|
| Phosphoric acid 7664-38-2 | < 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: |
|------------------------------|-----|--------|
| Phosphoric acid 7664-38-2 | < 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 ***