



MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/16/2012

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6

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PREPARED BY:

EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **LIFEGARD® CLEEN SHEEN, Spot Free Cleaner**

PRODUCT CODE: 117724

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

Health: 3/3

Fire: 0/0

Reactivity: 1/1

Special/Protective Equipment: ALK/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: Severe burns to mucous membranes of mouth, throat and digestive tract.
SKIN CONTACT: Causes moderate skin irritation. Prolonged contact causes severe burns which may not be immediately painful or visible.
INHALATION: Inhalation of spray mist may be irritating. Possible damage to mucous membranes of nose and throat.
EYE CONTACT: Causes severe eye burns. May cause permanent eye damage. May cause blindness.
CHRONIC EFFECTS: Dermatitis. Possible respiratory damage from inhalation of dust or mist.
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 |
|--|--------|----------------|---------------------|
| SODIUM HYDROXIDE 1310-73-2 | 2 max. | Not applicable | 2 mg/m ³ |
| Tetrasodium EDTA (irritant) 64-02-8 | 1 - 10 | Not applicable | Not applicable |

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. Continue rinsing until "slippery" feeling is gone. Get medical attention if irritation or burns develop.
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.
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

| | |
|--|--|
| FLASH POINT: | (F): None (C): Not determined |
| METHOD: | TCC |
| FLAMMABLE LIMITS IN AIR | |
| LOWER (%): | NA |
| UPPER (%): | NA |
| SENSITIVITY TO MECHANICAL IMPACT(Y/N): | NO |
| SENSITIVITY TO STATIC DISCHARGE: | Sensitivity to static discharge is not expected. |
| SUITABLE EXTINGUISHING MEDIA: | Product will not burn. As for surrounding fire. |
| FIRE FIGHTING PROCEDURES: | Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Cool exposed containers with water spray. Corrosive material. Avoid exposure to mist and splashes. |

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

| | |
|---------------|---|
| SMALL SPILLS: | Mop up all possible. Flush residue with water. |
| 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

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|--|---|
| PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: | DANGER: Concentrated, caustic material. Avoid contact with eyes, skin and clothing. Do not breathe mist or vapors. Store only in original container and keep closed. Store in a cool, dry area. Store in a well ventilated area. Always add only small amounts of product to water at any one time, while continuously stirring. Mix only with cool water. |
| OTHER PRECAUTIONS: | Do not reuse container. Empty containers may retain product residue, follow MSDS/label precautions even after container is emptied. Contact with certain food sugars can release hazardous amounts of carbon monoxide gas in enclosed vessels. Read and follow label instructions. |
| SPECIFIC USE(S): | Not applicable. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



| | |
|--------------------------------------|--|
| EXPOSURE CONTROLS: | Use in a well ventilated area. |
| RESPIRATORY PROTECTION: | Use NIOSH approved respirator with dust/mist filter as needed to meet exposure limits of mist in air. |
| PROTECTIVE GLOVES: | Rubber or plastic gloves recommended to minimize skin contact. |
| EYE PROTECTION: | Goggles. Face shield. |
| OTHER PERSONAL PROTECTION EQUIPMENT: | Rubber boots. Appropriate protective clothing as needed to prevent skin contact. Liquid may penetrate leather shoes and cause delayed burns. Eyewash fountains and safety showers must be easily accessible. |
| VENTILATION: | General mechanical and/or local exhaust as needed to meet exposure limits if mist in air. Corrosion resistant equipment recommended. |

LIFEGARD® CLEEN SHEEN, Spot Free Cleaner

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|------------------------|---------------------------------|--------------------|
| APPEARANCE AND ODOR: | Light yellow liquid. Mild odor. | |
| BOILING POINT (F): | As water | (C) Not determined |
| VAPOR PRESSURE: | As water | |
| VAPOR DENSITY (AIR=1): | As water | |
| SOLUBILITY IN WATER: | Not determined | |
| SPECIFIC GRAVITY: | 1.150 @ 70° F | |
| VOC Content (%): | NE | |
| EVAPORATION RATE: | As water | |
| PH: | 12.2 - 12.5 | |

10. STABILITY AND REACTIVITY

| | |
|---------------------------------------|--|
| STABILITY DATA: | STABLE |
| POLYMERIZATION: | Will Not Occur. |
| HAZARDOUS DECOMPOSITION: | If evaporated to dryness, as in a fire, may release: Fumes. Smoke. Carbon Monoxide. |
| INCOMPATIBILITY (MATERIALS TO AVOID): | Do not mix with: Acids. Neutralizes active ingredients. Avoid contact with aluminum, zinc, other soft metals or galvanized metals. |
| CONDITIONS/HAZARDS TO AVOID: | None. |

11. TOXICOLOGICAL INFORMATION

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|------------------------------|------------------|
| 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. |
|-------------------------|--|

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: |
|--|--------|--------|---------|-------------|-------------|
| SODIUM HYDROXIDE 1310-73-2 | 2 max. | Listed | Listed | Listed | Not Listed |
| Tetrasodium EDTA (irritant) 64-02-8 | 1 - 10 | Listed | Listed | Listed | Not Listed |

LIFEGARD® CLEEN SHEEN, Spot Free Cleaner

| PRODUCT COMPOSITION CAS# | % | CERCLA: | SARA 302: | SARA 313: |
|--|--------|-------------------|------------|------------|
| SODIUM HYDROXIDE 1310-73-2 | 2 max. | 1000 lb 454 kg | Not Listed | Not Listed |
| Tetrasodium EDTA (irritant) 64-02-8 | 1 - 10 | Not Listed | Not Listed | Not Listed |

| PRODUCT COMPOSITION CAS# | % | Canada WHMIS: |
|--|--------|---------------|
| SODIUM HYDROXIDE 1310-73-2 | 2 max. | Listed |
| Tetrasodium EDTA (irritant) 64-02-8 | 1 - 10 | 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: |
|-------------------------------|--------|--------|
| SODIUM HYDROXIDE 1310-73-2 | 2 max. | 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: |
|-------------------------------|--------|--------|
| SODIUM HYDROXIDE 1310-73-2 | 2 max. | 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: |
|-------------------------------|--------|--------|
| SODIUM HYDROXIDE 1310-73-2 | 2 max. | 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 ***