



MATERIAL SAFETY DATA SHEET

REVISION DATE: 10/28/2008
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REVISION NUMBER: 5
PREPARED BY: EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **LIQUI-SCRUB**
PRODUCT CODE: 120480

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: Irritation of the mouth, throat, and stomach. May cause constipation.
SKIN CONTACT: May cause mild skin irritation. Organisms used are non-pathogenic but can cause infection when in contact with open wounds or broken skin.
INHALATION: None in normal use. Inhalation of spray mist may be irritating.
EYE CONTACT: May cause mild 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
Limestone 1317-65-3	30 - 50	NA	15 mg/m ³ 5 mg/m ³
Alkyl aryl sodium sulfonate 25155-30-0	< 5	NA	NA

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. Remove contaminated clothing and launder before reuse. Get medical attention if irritation persists.
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 to boiling (C): NA

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5. FIRE AND EXPLOSION HAZARD DATA

METHOD: PMCC

FLAMMABLE LIMITS IN AIR

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

SENSITIVITY TO MECHANICAL IMPACT(Y/N):

NO

SENSITIVITY TO STATIC DISCHARGE:

Sensitivity to static discharge is not expected.

SUITABLE EXTINGUISHING MEDIA:

As for surrounding fire. Carbon Dioxide, Dry Chemicals, Foam.

FIRE FIGHTING PROCEDURES:

High pressure water may cause excessive foaming. Cool exposed containers with water spray.

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. Flush remainder with water.

PERSONAL PRECAUTIONS:

NA

ENVIRONMENTAL PRECAUTIONS:

NA

METHODS FOR CLEANING UP:

NA

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN
IN HANDLING AND STORAGE:

Keep container closed when not in use. Use only with adequate ventilation. Store at temperatures between 32 F and 100F. Avoid creating mists or aerosols. Avoid contact with eyes, skin and clothing. Avoid contact with open wounds. Triple rinse container before disposal.

OTHER PRECAUTIONS:

Do not contaminate water, food, or feed by storage or disposal. Keep out of reach of children.

SPECIFIC USE(S):

NA

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. Face shield. Goggles.

OTHER PERSONAL PROTECTION

Appropriate protective clothing as needed to prevent skin contact. Rubber apron. Rubber boots.

EQUIPMENT:

VENTILATION:

Not normally required.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

Emulsion. Clean scent. Opaque white.

BOILING POINT (F):

212 F

(C) NA

VAPOR PRESSURE:

15.7 mm Hg @ 22.2 C

VAPOR DENSITY (AIR=1):

0.625

SOLUBILITY IN WATER:

NA

SPECIFIC GRAVITY:

1.31

VOC Content (%):

0.10

VOV Content (%):

NE

EVAPORATION RATE:

(BuAc = 1) : 1.26

PH:

9.5

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9. PHYSICAL AND CHEMICAL PROPERTIES

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: When heated to high temperatures, the following may be produced: Carbon Dioxide. Carbon Monoxide. Sulfur dioxide. Hydrogen sulfide. Oxides of Nitrogen.
INCOMPATIBILITY (MATERIALS TO AVOID): May inactivate bacterial cultures. Strong acids and oxidizers.
CONDITIONS/HAZARDS TO AVOID: None known.

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:
Limestone 1317-65-3	30 - 50	Listed	Not Listed	Not Listed	Not Listed
Alkyl aryl sodium sulfonate 25155-30-0	< 5	Listed	Not Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Limestone 1317-65-3	30 - 50	Not Listed	Not Listed	Not Listed
Alkyl aryl sodium sulfonate 25155-30-0	< 5	1000 lb 454 kg	Not Listed	Not Listed

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PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Limestone 1317-65-3	30 - 50	Listed
Alkyl aryl sodium sulfonate 25155-30-0	< 5	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:
Limestone 1317-65-3	30 - 50	Listed
Alkyl aryl sodium sulfonate 25155-30-0	< 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:
Alkyl aryl sodium sulfonate 25155-30-0	< 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:
Limestone 1317-65-3	30 - 50	Listed
Alkyl aryl sodium sulfonate 25155-30-0	< 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 ***