

MATERIAL SAFETY DATA SHEET

Trade Name: Liquid Rinse Additive #8760

Prepared: August 25, 2000

Revised: March 5, 2004

Section I - Source Information

Manufacturer's Name: Michigan State Industries, Inc.
Address: Ryan Correctional Facility
Emergency Phone: (313) 368-3200 x51412
(800) 222-1222 Poison Control
Technical Information: (313) 368-3200 x51412
Chemical Name: Surfactant

Section II - Hazardous Ingredients/Identify Information

| <u>Hazardous Components</u> | <u>CAS No.</u> | <u>OSHA PEL*</u> | <u>ACGIH TLV*</u> |
|-----------------------------|----------------|------------------|-------------------|
| NONE | | | |

*Exposure limits expressed as eight-hour time-weighted average concentrations in parts of contaminant per million parts of air by volume(ppm). "Other Limits" are recommended by the National Institute for Occupational Safety and Health (NIOSH) and are time-weighted over ten hours unless otherwise specified.

Section III - Physical/Chemical Characteristics

| | | | |
|---|-----------|-----------------------------|------|
| <u>Boiling Point:</u> | 212 °F | <u>Specific Gravity:</u> | 0.99 |
| <u>Vapor Pressure:</u> | N/A | <u>Vapor Density:</u> | N/A |
| <u>Evaporation Rate: (Ethyl Ether = 1):</u> | N/A | <u>Solubility in Water:</u> | 100% |
| <u>Appearance and Color:</u> | Dark Blue | <u>pH:</u> | 7.0 |

Section IV - Fire and Explosion Hazard Data:

Flash Point: >200 °F Flammable Limits: LEL: N/A UEL: N/A
Extinguishing Media: Water fog, alcohol foam, carbon dioxide, dry chemical
Special Fire Fighting Procedures: Fire fighters should wear self-container breathing apparatus and protective clothing.
Unusual Fire and Explosion Hazards: None known

Section V - Reactivity Data:

Stability: STABLE
Incompatibility (Conditions to avoid): Strong oxidizers
Hazardous Polymerization: None known
Hazardous Decomposition Products: None known

NFPA 704

| | | |
|-------------|---|--|
| Health - | 2 | HAZARDS 4 - Extreme 3 - Severe 2 - Moderate 1 - Slight 0 - None |
| Fire - | 1 | |
| Reactivity- | 0 | |

Section VI - Health Hazard Data:

Routes of Entry: Eye, skin, ingestion

Health Hazards: *Acute:*

Chronic: May cause sever skin damage on prolong contact

Target Organs: Eyes, skin, gastrointestinal track

Carcinogenicity: *NTP:* No *IARC:* No *OSHA:* No

Signs and Symptoms of Exposure: May cause severe irritation, redness, swelling, discharge or corneal clouding in eye. May cause gastric upset, pain, diarrhea, lethargy if ingested.

Medical Conditions Generally Aggravated by Exposure:

Emergency and First Aid Procedures:

Eye: If this product contacts the eyes, immediately wash the eyes with large amounts of water, occasionally lifting the lower and upper lids. Get medical attention immediately.

Swallow: If ingested dilute with water. Get medical attention immediately.

Skin: If this product contacts the skin, promptly wash the contaminated skin with soap and water. If this product penetrates the clothing, promptly remove the clothing and wash the skin with soap and water.

Breathing: If a person breathes large amounts of this product, move the exposed person to fresh air at once. Other measures are usually unnecessary.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case of Material Release or Spill: Contain and absorb spilled material, dispose of properly. Large spill may be collected using vacuum equipment, dispose of unusable material properly.

Waste Disposal Method: This product is not listed in the federal hazardous waste regulations 40CFR 261.33, paragraphs (e) or (f), i.e. chemical products that are considered hazardous if they become wastes. It does not exhibit any of the hazardous characteristics listed in 40CFR 261, Subpart C. State or local hazardous waste regulations may apply if different from federal.

Precautions to be Taken in Handling and Storing:

Other Precautions:

Section VIII - Control Measures:

Respiratory Protection: Not required under normal conditions

Ventilation: Not required under normal conditions

Protective Gloves: Rubber gloves to prevent excessive skin contact

Eye Protection: Goggles

Other Protective Clothing or Equipment: Protective clothing to prevent excessive skin contact.

Work/Hygienic Practices:

Section IX-Additional Information:

DOT Shipping Name: N/A

Hazard Class: N/A

This product contains the following compounds which are subject to the reporting requirements of Section 313 of Title III of SARA and 40 CFR 372:

| <u>Constituent</u> | <u>CAS #</u> | <u>Concentration</u> |
|--------------------|--------------|----------------------|
| | NONE | |

This notification of reporting requirements, cannot be removed from this MSDS and the copying and redistribution of this document must include this notice.

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originated with Michigan State Industries, Inc. or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.