

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

4-53 (Max-256)

IDENTITY (As Used on Label and List)

SUNFLO MAX-256

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name

KANSAS CORRECTIONAL INDUSTRIES

Emergency Telephone Number

CHEMTREX #800-424-9300

Address (Number, Street, City, State, and Zip Code)

KANSAS DEPARTMENT OF CORRECTIONS

Telephone Number for Information

913-727-3249

POST OFFICE BOX 2

Date Prepared

March 2, 1998

LANSING, KANSAS 66043

Signature of Preparer (optional)

Section II – Hazardous Ingredients/Identify Information

| Hazardous Components (Specific Chemical Identity, Common Name(s)) | OSHA PEL | ACGIH TLV | CAS | % Optional |
|---|------------|------------|------------|------------|
| N-ALKYL (C14, 50%; C12, 40%; C16, 10%)-N N-DIMETHYL-N- BENZYLAMMONIUM CHLORIDE | Not Estab. | Not Estab. | 68424-85-1 | <10 |
| ETHYL ALCOHL | Not Estab. | Not Estab. | 64-17-5 | <10 |
| DIDECYLDIMETHYLAMMONIUM CHLORIDE | Not Estab. | Not Estab. | 7173-51-5 | <10 |

Section III – Physical/Chemical Characteristics

| | | | |
|-------------------------|--|---|-------|
| Boiling Point | 212°F | Specific Gravity (H ₂ O = 1) | 1.017 |
| Vapor Pressure (mm Hg.) | As water | Melting Point | N/A |
| Vapor Density (AIR = 1) | As water | Evaporation Rate (Butyl Acetate = 1) | N/A |
| Solubility in Water | Complete | | |
| Appearance and Odor | Clear, green liquid with pleasant saffras odor | | |

Section IV – Fire and Explosion Hazard Data

| | | | |
|------------------------------------|------------------|-----|-----|
| Flash Point (Method Used) | Flammable Limits | LEL | UEL |
| >212°F (Pensky-Martens Closed Cup) | | N/A | N/A |

Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special Fire Fighting Procedures None

Unusual Fire and Explosion Hazards None

Section V – Reactivity Data

Stability Unstable Conditions to Avoid
Do not mix with other cleaning chemicals
Stable
XXX

Incompatibility (Materials to Avoid) Strong oxidizing or reducing agents

Hazardous Decomposition or Byproducts Ammonia, nitrogen oxides

Hazardous Polymerization May Occur Conditions to Avoid
None
Will Not Occur XXX

Section VI – Health Hazard Data

Route(s) of Entry Inhalation? UNLIKELY Skin? YES Ingestion? POSSIBLE

Health Hazards (Acute and Chronic) EYES: Can cause severe irritation. SKIN: Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis. INGESTION: Irritating to mouth, throat and stomach. INHALATION: Inhalation of mist causes irritation of respiratory system.

Carcinogenicity: NTP? NO IARC Monographs? NO OSHA Regulated? NO

Signs and Symptoms of Exposure EYES: Redness, tearing. SKIN: Irritation seen as redness. INGESTION: Burning pain in throat, mouth, abdomen, circulatory shock, convulsions.

Medical Conditions Generally Aggravated by Exposure: Dermatitis

Emergency and First Aid Procedures: EYE CONTACT: Rinse immediately with plenty of water, also under the eyelids. for at least 15 minutes. Get medical attention. SKIN CONTACT: Wash with soap and water. Launder contaminated clothing before reuse. INGESTION: DO NOT INDUCE VOMITING. Drink 1 or 2 glasses of water. Call a physician immediately. INHALATION: Move to fresh air. If symptoms persist, get medical attention.

NOTE TO PHYSICIAN: If the product is ingested, probable mucous damage may contraindicate the use of gastric lavage. Treat the affected person appropriately.

Section VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled Mop up or absorb on solid absorbent and shovel into containers for disposal.

Waste Disposal Method Dispose in compliance with Federal, State and local laws and 40 CFR.

Precautions to Be Taken in Handling and Storing Keep container closed when not in use.

Other Precautions Keep away from food and water. Do not reuse empty container. Open dumping is prohibited.

Section VIII – Control Measures

Respiratory Protection (Specify Type) Not applicable

Ventilation Local Exhaust Special
Mechanical (General) Sufficient Other N/A

Protective Gloves Rubber or neoprene **Eye Protection** Goggles

Other Protective Clothing or Equipment Not needed

Work/Hygienic Practices Wash hands thoroughly after using product.