

Material Safety Data Sheet

SUNFLO MAX-1 2
QUICK IDENTIFIER
Common Name: (used on label and list)

May be used to comply with OSHA's Hazard Communication Standard,
29CFR 1910. 1200. Standard must be consulted for specific requirements.

SECTION 1 -

Manufacturer's Name	KANSAS CORRECTIONAL INDUSTRIES	Emergency Telephone No. CHEMIREC (800) 424-9300
Address	P.O. BOX 2	Other Information Calls (913) 727-3249
City, State, and ZIP	LANSING, KS 66043	
Signature of Person Responsible for Preparation (Optional)	Date Prepared	MARCH 2, 1998

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (optional)	CAS NO.
Alkyl (C14, 50%; C12, 40%; C16, 10%)					
dimethyl benzyl ammonium chloride	Not estab.	Not estab.	None	1-5	68424-85-1
Octyl decyl dimethyl ammonium chloride	Not estab.	Not estab.	None	1-5	32426-11-2
Didecyl dimethyl ammonium chloride	Not estab.	Not estab.	None	1-5	7173-51-5
Diocetyl dimethyl ammonium chloride	Not estab.	Not estab.	None	1-5	5538-94-3

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	212 F	Specific Gravity (H ₂ O=1)	1.010	Vapor Pressure (mm Hg)	As water
		Vapor Density (Air = 1)	As water		
Solubility in Water	Complete	Reactivity in Water	Stable		
Appearance and Odor	Clear green liquid with pleasant sassafras odor.	Melting Point	Not applicable		

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	None to boiling	Method Used	TCC	Flammable Limits in Air % by Volume	LEL Lower N/A	UEL Upper N/A
Auto-Ignition Temperature	N/A	Extinguisher Media	N/A			
Special Fire Fighting Procedures	None					
Unusual Fire and Explosion Hazards	None					

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

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

Incompatibility (Materials to Avoid) Strong oxidizing or reducing agents.

Hazardous Decomposition Products Ammonia, nitrogen oxides.

Hazardous Polymerization May Occur Conditions
Will Not Occur XX to Avoid None.

SECTION 6 - HEALTH HAZARDS (Acute and Chronic) Direct eye contact can cause severe irritation. Repeated skin contact can cause severe irritation. Inhalation of mists can cause irritation to mucous membranes. Ingestion may cause severe irritation to mouth, throat, gastrointestinal tract, as well as circulatory shock and respiratory depression.

Signs and Symptoms of Exposure Eyes: Redness, tearing. Skin: Irritation seen as redness. Ingestion: Burning pain in mouth, throat, abdomen, circulatory shock, convulsions.

Medical Conditions Generally Aggravated by Exposure Dermatitis

Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	I.A.R.C. Monographs	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	OSHA Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
---	-----------------------------	--	---------------------	--	---

Emergency and First Aid Procedures NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

- ROUTES OF ENTRY**
1. Inhalation Unlikely to occur, however, in the event of inhalation move victim to fresh air. If irritation persists, or if symptoms of overexposure develop, get medical attention.
 2. Eyes Flush with large amounts of water for 15 minutes lifting upper and lower lids occasionally. Get medical attention.
 3. Skin Wash with mild soap and water. Remove contaminated clothing and launder before reuse.
 4. Ingestion DO NOT INDUCE VOMITING. Give promptly large quantities of egg whites or gelatin solution. If not available, drink large quantities of water. Avoid alcohol. Contact physician immediately.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage Keep container closed when not in use.

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

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 Methods (Consult federal, state, and local regulations) Dispose in compliance with Federal, State and Local laws and 40 CFR.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type) Not applicable

Ventilation	Local Exhaust	Mechanical (General)	Sufficient	Special	Other
-------------	---------------	----------------------	------------	---------	-------

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

Other Protective Clothing or Equipment Not needed

Work/Hygienic Practices Wash hands thoroughly after using product.

IMPORTANT

Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.