

MATERIAL SAFETY DATA SHEET

\*\* MANUFACTURER \*\*

SAVOLITE CORPORATION  
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Delta, B.C. V3M 6K8. Canada  
(604) 526-5655

\*\* DESTINATION \*\*

MSDS REQUEST  
PRINTOUT

0494  
CLP5CH

BC

SAVOLITE INC.  
10848 E Marginal Way  
Seattle WA 98168. USA  
(206) 763-1340

PRODUCT: ~~SAVOLITE~~ **CLENSPRAY (MIO)**

MSDS No: 01155  
DATE: 01/31/96  
REVISION:  
REVISION DATE: 01/26/96

AFTER HOURS EMERGENCY PHONES:  
Canada: CANUTECH (613) 996-6666  
U.S.A.: CHEMTREC (800) 424-9300

SALES ORDER NO:

01. PRODUCT IDENTIFICATION

PRODUCT NAME: \*CLEANSPRAY (GREEN)  
PRODUCT USE: MULTI PURPOSE CLEANER  
WHMIS CODE: D2B,E

HMSI DESIGNATION:

DOT SHIP NAME: NOT APPLY  
DOT HAZ CLASS: NOT APPLY  
DOT ID NUMBER: NOT APPLY

HEALTH: 2  
FLAMMABILITY: 0  
REACTIVITY: 0  
PERSONAL-  
PROTECTION: B

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02. HAZARDOUS INGREDIENTS

INGREDIENT	OSHA PEL	ACGIH TLV	CAS NUMBER	RANGE %
ETHYLENE GLYCOL MONOBUTYLETHER Exposure Limit Skin: 25 ppm. The above item is reported per 40 CFR 372, Section 313 of Emergency Planning & Community Right-To-Know Act of 1986. LD50 (oral rat) 470mg/kg LD50 (dermal) 220mg/kg (DRM-RBT) LC50 700 ppm (MOUSE)	NO DATA	25 ppm TWA	111-76-2	5.0- 10.0
SODIUM HYDROXIDE SOLUTION 50% LD50 (oral rat) 340 mg/kg LD50 (dermal) 1350 mg/kg LC50 No Data	2 PPM	2 PPM	1310-73-2	1.5- 5.0
ETHOXYLATED NONIONIC DETERGENT LD50 (oral rat) 1310 mg/kg LD50 (dermal) 2830 mg/kg LC50 NOT AVAILABLE	N/A	Not Establ	9016-45-9	1.5- 5.0

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## 03. PHYSICAL DATA

Boiling Point: 100'C APPROX  
Specific Gravity (H2O = 1): 1.04  
Vapor Pressure (mm Hg): AS WATER  
Melting Point: LIQUID  
Vapor Density (AIR = 1): AS WATER  
Solubility in Water: SOLUBLE  
Odour Threshold: NO DATA  
Coeff Water/Oil Dist: GREATER THAN 1.0  
pH: 12.0 (3.1% SOLUTION)  
Evaporation Rate (Butyl Acetate = 1): SIMILAR TO WATER  
Appearance & Odor: CLEAR RED LIQUID WITH CITRUS ODOOR

## 04. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT 'C (CLOSED CUP):  
NONE TO BOILING

EXTINGUISHER MEDIA:  
PRODUCT NOT FLAMMABLE

SPECIAL FIRE FIGHTING PROCEDURES:  
NONE

UNUSUAL FIRE OR EXPLOSION HAZARD:  
NONE

FLAMMABLE LIMITS:  
NOT KNOWN

AUTO-IGNITION TEMPERATURE:  
NOT KNOWN

CONDITIONS OF FLAMMABILITY  
NONE

EXPLOSION DATA:

SENSITIVITY TO MECHANICAL IMPACT:  
NONE

SENSITIVITY TO STATIC DISCHARGE  
NONE

## 05. REACTIVITY DATA

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## 05. REACTIVITY DATA

(CONTINUED)

STABILITY:  
STABLE

INCOMPATIBILITY (Materials to Avoid):  
STRONG ACIDS

HAZARDOUS DECOMPOSITION PRODUCT:  
CARBON DIOXIDE. HYDROGEN MAY BE LIBERATED WITH METALS ALUMINUM, ZINC

HAZARDOUS POLYMERIZATION:  
WILL NOT OCCUR

## 06. TOXICOLOGICAL PROPERTIES

## ROUTE OF ENTRY INFORMATION:

SKIN CONTACT:  
HARMFUL IF ABSORBED THROUGH SKIN.

SKIN ABSORPTION:  
POSSIBLE

EYE CONTACT:  
POSSIBLE

INHALATION - ACUTE:  
POSSIBLE

INHALATION - CHRONIC:  
NO INFORMATION AVAILABLE

INGESTION:  
POSSIBLE

IRRITANCY:-

EFFECTS OF ACUTE EXPOSURE TO PRODUCT:  
CORROSIVE - CAUSES BURNS OR DAMAGE TO EYES, SKIN IN CONCENTRATED FORM  
EXCESSIVE INHALATION OF VAPOR MAY CAUSE HEADACHE OR NAUSIA

EFFECT OF CHRONIC EXPOSURE TO PRODUCT:  
MAY CAUSE BLOOD DISORDERS BASED ON RESEARCHED DATA

SENSITIZATION TO PRODUCT:

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06. TOXICOLOGICAL PROPERTIES(CONTINUED)  
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SENSITIZATION MAY OCCUR IN SENSITIVE INDIVIDUALS

CARCINOGENICITY:  
NONE KNOWN

REPRODUCTIVE TOXICITY:  
NONE KNOWN

TERATOGENICITY:  
NONE KNOWN

MUTAGENICITY:  
NONE KNOWN

Name of Toxicologically Synergistic Product:  
NONE KNOWN

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07. PREVENTIVE MEASURES  
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RESPIRATORY PROTECTION:  
NONE REQUIRED. IF INHALATION OF CONCENTRATED PRODUCT MIST OR SPRAY IS  
LIKELY, USE A NIOSH APPROVED DUST/MIST RESPIRATOR.

VENTILATION:  
USE WITH NORMAL VENTILATION

PROTECTIVE GLOVES:  
USE RUBBER OR PLASTIC GLOVES WHEN HANDLING THE CONCENTRATED PRODUCT.

EYE PROTECTION:  
IF HANDLING CONCENTRATED PRODUCT USE FACE SHIELD FOR EYE PROTECTION

DISPOSAL PROCEDURES FOR SPILLS OR LEAKS:  
ABSORB LIQUID INTO SAND OR ABSORBENT SWEEPING COMPOUND.

WASTE DISPOSAL METHOD:  
HAUL ABSORBED MATERIAL TO SUITABLE WASTE DISPOSAL SITE. DISPOSE OF  
IN ACCORDANCE WITH ALL LOCAL, PROVINCIAL OR FEDERAL REGULATIONS.

OTHER PRECAUTIONS:  
KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE UPRIGHT. KEEP FROM  
FREEZING. DO NOT MIX WITH ANY OTHER CHEMICALS.

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08. FIRST AID PROCEDURES  
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08. FIRST AID PROCEDURES

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FIRST AID PROCEDURES:

IF SWALLOWED GIVE PLENTY OF WATER TO DRINK. DO NOT INDUCE VOMITING.  
CALL A PHYSICIAN. IN CASE OF CONTACT WITH SKIN OR EYES, FLUSH WITH  
CLEAN WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

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09. PREPARATION DATA

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PREPARED BY:

PREPARED BY TECHNICAL ADVISORY SERVICES: PHONE (604) 526-5655  
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