



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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MSDS No. SS 189  
Effective Date July 10, 1998

## SECTION V HEALTH HAZARD DATA

SS 189

**Threshold Limited Value** None established for the mixture. (ACGIH 1992-93).  
Ethyl Alcohol: TWA - 1,000 ppm; 1,900 mg/m<sup>3</sup> (AIR).

**Effects of Overexposure**  
**EYES:** Contact will cause irritation. **INHALATION:** May cause irritation to nose and throat. **INGESTION:** Harmful if swallowed. Ingestion may cause headache, drowsiness, dizziness. Exercise appropriate procedures to minimize potential hazards.

**Emergency and First Aid Procedures**  
**EYES:** Flush thoroughly with water for at least 15 minutes, lifting lower and upper eyelids occasionally. If irritation persists, get medical attention.  
**SKIN:** Flush thoroughly with water, then wash with mild soap and water.  
**INGESTION:** If swallowed, if conscious, give one or two glasses of water to drink. Call physician. Never give anything by mouth to an unconscious person. **INHALATION:** Remove to fresh air. If illness or discomfort develops, get medical attention.

## SECTION VI REACTIVITY DATA

<b>Stability</b>	<b>Unstable</b>		<b>Conditions to Avoid</b>	Excessive temperature and heat.
	<b>Stable</b>	X		

**Incompatibility (Materials to Avoid)** Strong oxidizing agents.

**Hazardous Decomposition Products** Thermal decomposition or burning will produce carbon dioxide and/or carbon monoxide and potassium oxide.

<b>Hazardous Polymerization</b>	<b>Conditions to Avoid</b>		Not applicable.
	<b>May Occur</b>	<b>Will Not Occur</b>	
		X	

## SECTION VII SPILL OR LEAK PROCEDURES

**Steps to be taken in case material is released or spilled**  
**Small spills:** Flush to drain with copious amounts of water. **Large spills:** Absorb in vermiculite, paper, earth or other absorbent. Dispose of in an approved incinerator. Flush spill area with water (spill area may become dangerously slippery).

**Waste Disposal Method** Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.

Dispose of in an approved incinerator equipped with an afterburner and scrubber.

## SECTION VIII SPECIAL PROTECTION INFORMATION

**Respiration Protection (Specify Type)** None needed in normal laboratory handling.

<b>Ventilation</b>	<b>Local Exhaust</b>	Not needed.	<b>Special</b>	No.
	<b>Mechanical (General)</b>	Not needed.	<b>Other</b>	No.

**Protective Gloves** None needed. Recommend rubber for repeated exposure. **Eye Protection** Chemical safety glasses.

**Other Protective Equipment** Eye wash station, proper gloves, goggles if splashing expected.

## SECTION IX SPECIAL PRECAUTIONS

**Precautions to be Taken in Handling & Storing** Store in a cool place away from strong oxidizing agents. Keep away from heat, sparks and open flame. Wash thoroughly after handling.  
Keep container tightly closed when not in use.

**Other Precautions** Read label on container before using. Do not wear contact lenses when working with chemicals.

Do not take internally. Avoid contact with eyes. Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

<b>Revision</b> No. 4	<b>Date</b> 7/10/98	<b>Approved</b> Michael Raszeja	<b>Chemical Safety Coordinator</b> MR
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The information contained herein is furnished without warranty of any kind. Employees should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. \* Hazardous Materials Industrial Standards. Printed on recycled paper.

## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

<b>Product</b>	SOAP, ANTISEPTIC	 <b>CHEMTREC</b> <b>800-424-9300</b> Day 716-226-6177  <b>NFPA HAZARD RATING</b> LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4  <b>HMIS *</b> Health 1 Fire 0 Reactivity 0
<b>Chemical Synonyms</b>	Dilution of Tincture of Green Soap	
<b>Formula</b>	Mixture. See Section II. *	
<b>Unit Size</b>	up to 4 Lt.	
<b>C.A.S. No.</b>	Mixture. See Section II.	

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Contains: Ethyl Alcohol: (CAS No. 64-17-5)	14.5%	1,000 ppm (Air).
		See Section V.
<b>WARNING! COMBUSTIBLE. MAY BE HARMFUL IF SWALLOWED. EYE IRRITANT.</b>		

## SECTION III PHYSICAL DATA

<b>Melting Point (°F)</b>	Data not listed.	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	Approx. 0.98 at 20°C
<b>Boiling Point (°F)</b>	Approx. 95°C (203°F)	<b>Percent Volatile by Volume (%)</b>	84%
<b>Vapor Pressure (mm Hg)</b>	45 mm @ 20°C Ethyl Alcohol	<b>Evaporation Rate (Ether = 1)</b>	Greater than 1.
<b>Vapor Density (Air=1)</b>	1.6 Ethyl Alcohol		
<b>Solubility in Water</b>	Complete.		
<b>Appearance &amp; Odor</b>	Clear, amber liquid; lavender odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used)</b>	106°F (41°C) (TCC)	<b>Flammable Limits in Air % by Volume</b>	Unknown	<b>Lower</b>	<b>Upper</b>
<b>Extinguisher Media</b>	Carbon dioxide (CO <sub>2</sub> ); dry chemical (ABC); water spray.				

### SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous decomposition products; can react vigorously with strong oxidizing materials.

\* Water: (CAS No. 7732-18-5)  
Glycerine: (CAS No. 56-81-5)  
Tetrasodium Salt of EDTA: (CAS No. 64-02-8)  
Potassium soap of Tall Oil Fatty Acid: (CAS No. 61790-44-1)

D.O.T. **NON-REGULATED.**

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20