



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
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MSDS No. SS 190
Effective Date November 19, 1998

SECTION V HEALTH HAZARD DATA

SS 190

Threshold Limited Value

None established for the mixture. (ACGIH 1992-93).
Ethyl Alcohol: TWA - 1,000 ppm; 1,900 mg/m³ (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 breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.

SECTION VI REACTIVITY DATA

Stability	Unstable	Conditions to Avoid
	Stable	X Excessive temperature and heat.

Incompatibility (Materials to Avoid)	Strong oxidizing agents.
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Hazardous Decomposition Products	Thermal decomposition or burning will produce carbon dioxide and/or carbon monoxide and potassium oxide.
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Hazardous Polymerization		Conditions to Avoid
May Occur	Will Not Occur	Not applicable.
	X	

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	<u>Small spills:</u> Flush to drain with copious amounts of water. <u>Large spills:</u> 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).
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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.
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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.			
Ventilation	Local Exhaust	Not needed.	Special	No.	
	Mechanical (General)	Not needed.	Other	Adequate to maintain below exposure limit.	
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.
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Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals.
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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.

Revision	No. 5	Date	11/19/98	Approved	Michael Raszeja	Chemical Safety Coordinator	MR
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The information contained herein is furnished without warranty of any kind. Employers 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

Product	TINCTURE OF GREEN SOAP
Chemical Synonyms	Tincture of Green soap
Formula	Vegetable Soap/Ethyl Alcohol *
Unit Size	up to 4 Lt.
C.A.S. No.	None assigned. (See Section II).

 CHEMTREC 800-424-9300 Day 716-226-6177	Health	1
	Fire	3
	Reactivity	0
	HMIS *	
NFPA HAZARD RATING		LEAST SLIGHT MODERATE HIGH EXTREME
		0 1 2 3 4

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Contains: Ethyl Alcohol: (CAS No. 64-17-5)	30%	1,000 ppm (Air).
		See Section V.
WARNING! FLAMMABLE! HARMFUL IF SWALLOWED.		
EYE IRRITANT.		

SECTION III PHYSICAL DATA

Melting Point (°F)	Data not listed.	Specific Gravity (H ₂ O = 1)	0.96 at 20°C
Boiling Point (°F)	84°C (184°F)	Percent Volatile by Volume (%)	70%
Vapor Pressure (mm Hg)	45 mm @ 20°C Ethyl Alcohol	Evaporation Rate (Ether = 1)	Greater than 1.
Vapor Density (Air=1)	1.6 Ethyl Alcohol		
Solubility in Water	Complete.		
Appearance & Odor	Clear, amber liquid; lavender odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	85°F (29.44°C) (TCC)	Flammable Limits in Air % by Volume	Lower	Upper
		Unknown	-----	-----
Extinguisher Media	Carbon dioxide (CO ₂); dry chemical (ABC); water spray.			

SPECIAL FIREFIGHTING PROCEDURES

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

(1996 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.7, GUIDE PAGE NO. 127)

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. ALCOHOLS, N.O.S., (ETHYL ALCOHOL), 3, UN 1987, PG III

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