



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W.Henrietta Rd.
Avon, New York 14414
(716) 226-6177

MSDS No. DD 55
Effective Date February 22, 1999

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	DISSECTING SPRAY	 <p>CHEMTREC 800-424-9300 Day 716-226-6177</p> <p>NFPA HAZARD RATING</p> <table border="1"> <tr> <td>LEAST</td> <td>SLIGHT</td> <td>MODERATE</td> <td>HIGH</td> <td>EXTREME</td> </tr> <tr> <td>0</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> </table> <p>HMIS *</p> <table border="1"> <tr> <td>Health</td> <td>1</td> </tr> <tr> <td>Fire</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	LEAST	SLIGHT	MODERATE	HIGH	EXTREME	0	1	2	3	4	Health	1	Fire	0	Reactivity	0
LEAST	SLIGHT		MODERATE	HIGH	EXTREME													
0	1		2	3	4													
Health	1																	
Fire	0																	
Reactivity	0																	
Chemical Synonyms	Tissue Preserving and Humectant Spray																	
Formula	Mixture.																	
Unit Size	up to 4 Lt.																	
C.A.S. No.	Mixture.																	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
* Water: (CAS No. 7732-18-5)	89.7%	None established.
Isopropyl Alcohol: (CAS No. 67-63-0)	4%	400 ppm; 980 mg/m ³
Propylene Glycol: (CAS No. 57-55-6)	2.5%	None established.
2-Phenoxyethanol: (CAS No. 122-99-6)	0.75%	None established.
Methyl alcohol: (CAS No. 67-56-1)	0.9%	200ppm; 260mg/m ³
Sorbitol: (CAS No. 50-70-4)	0.5%	None established.

CAUTION! MAY BE HARMFUL IF SWALLOWED. CONTACT MAY CAUSE IRRITATION TO SKIN, EYES AND MUCOUS MEMBRANES.

SECTION III PHYSICAL DATA

Melting Point (°F)	Freezing pt. approx. -8°C (17°F)	Specific Gravity (H ₂ O = 1)	Approx. 1.0
Boiling Point (°F)	Below 100°C (212°F)	Percent Volatile by Volume (%)	97%
Vapor Pressure (mm Hg)	Not determined.	Evaporation Rate (Ether = 1)	Greater than 1.
Vapor Density (Air=1)	Not determined.		
Solubility in Water	Complete.		
Appearance & Odor	Clear, water white; cherry odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-flammable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Carbon dioxide; dry chemical; foam; water spray or fog.				

SPECIAL FIREFIGHTING PROCEDURES

If involved in fire situation, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective clothing to prevent eye and skin contact. Use flooding amounts of water in early stages of fire.

Section II.....Continued:

* Glutaraldehyde: (CAS No. 111-30-8).....0.3%.....None established.

UNUSUAL FIRE AND EXPLOSION HAZARDS

There are no unusual fire and explosion hazard associated with this solution. However, in fire conditions, water may evaporate from this solution, which may cause hazardous decomposition products to be produced as dust or fume.

SECTION V HEALTH HAZARD DATA DD 55

Threshold Limited Value	None determined for this mixture. Toxicity data: 1,2-Propanediol: orl-rat LD50: 20 gm/kg. Isopropyl Alcohol: orl-hmn LDLo: 15710 mg/kg. Sorbitol: ipr-mus LDLo: 800 mg/kg. 2-Phenoxyethanol: orl-rat LDLo: 1260 mg/kg.
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Effects of Overexposure	EYES: Causes irritation on contact. SKIN: Prolonged skin contact may cause skin irritation to persons with sensitive skin. Generally, irritation is transient. May be harmful by inhalation or ingestion. May cause irritation. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated. Specific data is not available.
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Emergency and First Aid Procedures	INGESTION: If swallowed, if conscious, give one or two glasses of water to drink, induce vomiting. Repeat until vomit fluid is clear. Call physician immediately. Never give anything by mouth to an unconscious person. SKIN: Flush with water, then wash with mild soap and water. EYES: Flush thoroughly with water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention. INHALATION AS MIST: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
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SECTION VI REACTIVITY DATA

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

Incompatibility (Materials to Avoid)	Strong oxidizers.
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Hazardous Decomposition Products	Thermal decomposition produces carbon monoxide, carbon dioxide and water.
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Hazardous Polymerization	Conditions to Avoid	Not applicable.
May Occur	Will Not Occur	
	X	

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Absorb spill in an inert dry material and place in a suitable container for disposal. Wash spill area with soap and water.
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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.

Flush to sewer with large amounts of water if federal, state and local regulations permit.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None should be needed in normal laboratory use. Good general ventilation is recommended. If misty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved respirator.			
Ventilation	Local Exhaust	Yes.	Special	No.
	Mechanical (General)	Not normally needed.	Other	No.
Protective Gloves	Plastic or rubber for repeated exposure or sensitive skin.	Eye Protection	Chemical safety glasses.	
Other Protective Equipment	Lab coat, apron, eye wash station, proper gloves.			

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool place. Use adequate ventilation. Wash thoroughly after handling.
Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals.

Remove and wash contaminated clothing.

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

Revision No. 4	Date 2/22/99	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.

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

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