



**ALDON
CORPORATION**

MATERIAL SAFETY DATA SHEET

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MSDS No. CC 380
Effective Date February 11, 1999

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	COLCHICINE	<p>CHEMTREC 800-424-9300 Day 716-226-6177</p> <p>NFPA HAZARD RATING</p> <p>LEAST SLIGHT MODERATE HIGH EXTREME</p> <p>0 1 2 3 4</p> <p>HMIS * 3 1 0</p>
Chemical Synonyms	Colchicine Alkaloid	
Formula	C ₂₂ H ₂₅ NO ₆	
Unit Size	up to 30 grams	
C.A.S. No.	64-86-8	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Colchicine	100%	None established.
DANGER! POISON MAY BE FATAL IF		
INHALED, SWALLOWED OR ABSORBED THROUGH SKIN.		

SECTION III PHYSICAL DATA

Melting Point (°F)	142°-150°C (287°-302°F)	Specific Gravity (H ₂ O = 1)	No data available.
Boiling Point (°F)	No data available.	Percent Volatile by Volume (%)	Negligible as solid.
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate (= 1)	Not applicable.
Vapor Density (Air=1)	Negligible as solid.		
Solubility in Water	Soluble.		
Appearance & Odor	White to pale yellow powder; no odor		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Not applicable.	Flammable Limits in Air % by Volume	Lower	Upper
		NA	-----	-----
Extinguisher Media	Carbon dioxide (CO ₂); dry chemical (ABC); foam.			

SPECIAL FIREFIGHTING PROCEDURES

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

UNUSUAL FIRE AND EXPLOSION HAZARDS

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

SECTION V HEALTH HAZARD DATA

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Threshold Limited Value

None established (ACGIH 1992-93). Highly toxic: 0.02 grams may be fatal. No LD50 oral-rat data is available.

Effects of Overexposure

Ingestion of Colchicine may cause irritation or burns of the mouth, throat, esophagus, gastrointestinal tract, nausea, vomiting, abdominal pain. Very irritating to skin, eyes, mucous membranes and respiratory tract.

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 thoroughly with water, then wash with mild soap and water. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SECTION VI REACTIVITY DATA

Stability	Unstable	Conditions to Avoid	Excessive temperature and heat.
	Stable	X	Darkens upon exposure to light.

Incompatibility (Materials to Avoid)	Strong oxidizers.
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Hazardous Decomposition Products	Thermal decomposition or burning may liberate oxides of nitrogen.
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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

Wearing proper protective clothing and with good ventilation, recover for use if not contaminated or carefully, without making dust, sweep up and place in a suitable container for proper disposal.

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 or contract with a licensed waste disposal service.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	In the laboratory use good ventilation or work in ventilation hood. If dusty condition prevail wear a NIOSH/MSHA-approved dust mask or respirator.			
Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.
Protective Gloves	Rubber, if needed. May not be needed in normal handling.		Eye Protection	Chemical safety glasses.
Other Protective Equipment	Goggles, smock, apron, ventilation hood, proper gloves, eye wash station, safety shower.			

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing

Store in a cool, dry place. Protect from light. Wash thoroughly after handling.

Other Precautions

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

Do not breathe dust. Do not allow material to contact skin and eyes. Use with adequate ventilation. 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	2/11/99	Approved	Michael Raszeja	Chemical Safety Coordinator	MR
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Approved by U.S. Department of Labor "essentially similar" to form OSHA-20