



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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MSDS No. EE 62
Effective Date February 23, 1999

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	ERIOCHROME BLACK T	 <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>2</td> </tr> <tr> <td>Fire</td> <td>1</td> </tr> <tr> <td>Reactivity</td> <td>1</td> </tr> </table>	LEAST	SLIGHT	MODERATE	HIGH	EXTREME	0	1	2	3	4	Health	2	Fire	1	Reactivity	1
LEAST	SLIGHT		MODERATE	HIGH	EXTREME													
0	1		2	3	4													
Health	2																	
Fire	1																	
Reactivity	1																	
Chemical Synonyms	Mordant Black II, C.I. No. 14645																	
Formula	C ₂₀ H ₁₂ N ₃ NaO ₇ S																	
Unit Size	up to 25 grams																	
C.A.S. No.	1787-61-7																	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Eriochrome Black T, dye content	~85%	See section V.

CAUTION! MAY BE HARMFUL BY INHALATION, INGESTION OR

SKIN ABSORPTION. MAY CAUSE EYE AND SKIN IRRITATION.

SECTION III PHYSICAL DATA

Melting Point (°F)	Data not listed.	Specific Gravity (H ₂ O = 1)	Approx. 0.9
Boiling Point (°F)	Decomposes.	Percent Volatile by Volume (%)	Not applicable
Vapor Pressure (mm Hg)	Not applicable	Evaporation Rate (=1)	Not applicable
Vapor Density (Air=1)	Data not listed.		
Solubility in Water	Soluble.		
Appearance & Odor	Dark powder to black powder with faint metallic sheen; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	>(200°F) 93°C	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Water spray, foam, dry chemical, carbon dioxide.				

SPECIAL FIREFIGHTING PROCEDURES

If involved in fire situation, wear a NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS

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

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

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

SECTION V HEALTH HAZARD DATA EE62

Threshold Limited Value	Nuisance particulates 10 mg/m ³ -total dust. Toxicity ata Oral-rat LD50: 5000 mg/kg.
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Effects of Overexposure	Target organs affected: None known. May be harmful by inhalation, ingestion or skin absorption. 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. Exercise appropriate procedures to minimize potential hazards.
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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 and call a physician. 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, lifting upper and lower eyelids occasionally. If irritation develops or persists, get medical attention. INHALATION: Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Get medical attention.
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SECTION VI REACTIVITY DATA

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

Incompatibility (Materials to Avoid)	Oxidizing and reducing agents.
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Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, oxides of nitrogen and sulfur.
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Hazardous Polymerization	Conditions to Avoid
May Occur	Will Not Occur
	X
	Not applicable.

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Wearing proper protective equipment, avoid making dust. Sweep up and place in a suitable container for disposal. Recover for use if not contaminated. 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. Dispose of in an approved incinerator equipped with an afterburner and scrubber or contract with a licensed waste disposal system.
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SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None needed in normal laboratory handling. If dusty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved dust mask or respirator.		
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Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.

Protective Gloves	Rubber.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment	Lab coat, apron, eye wash station, proper gloves, ventilation hood.
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SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool, dry place. 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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Avoid contact with skin and eyes. Avoid breathing dust. 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 2/23/99	Approved Michael Raszeja	Chemical Safety Coordinator MR
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