


MATERIAL SAFETY DATA SHEET

**ALDON
CORPORATION**221 Rochester Street
Avon, New York 14414-9409
(585) 226-6177MSDS No.: MM0460
Effective Date: June 27, 2005**SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE**

Product	Methylene Blue Thiocyanate, Tablets	 CHEMTREC 800-424-9300 Day 585-226-6177 NFPA HAZARD RATING MINIMAL SLIGHT MODERATE SERIOUS SEVERE 0 1 2 3 4 HMIS*	Health	1
Chemical Synonyms	Basic Blue 9; Biological Stain, Tablets		Fire	0
Formula	Mixture: C ₁₆ H ₁₈ ClN ₃ and NaSCN		Reactivity	0
Unit Size	up to 100 tablets			
C.A.S. No.	Mixture.			

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Methylene blue thiocyanate biological stain, tablets		None established.
(Mixture of Methylene blue: (CAS No. 61-73-4) and Sodium thiocyanate: (CAS No. 540-72-7)		

CAUTION! HARMFUL IF SWALLOWED. DO NOT TAKE INTERNALLY.**SECTION III PHYSICAL DATA**

Melting Point (°F)	N/A	Specific Gravity (H ₂ O = 1)	Unknown
Boiling Point (°F)	N/A	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (=1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	Complete at 20°C.		
Appearance & Odor	Blue/violet tablets; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	N/A	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Water spray; carbon dioxide (CO ₂); dry chemical.				

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous decomposition products of highly toxic fumes of hydrogen cyanide, hydrogen sulfide and oxides of nitrogen (NO_x).

SECTION V HEALTH HAZARD DATA MM0460

Threshold Limited Value None established for this mixture (ACGIH 2001). TXDS: Sodium Thiocyanate: Oral-rat LD50: 764 mg/kg; oral-rbt. LDLo: 750 mg/kg.

Effects of Overexposure The effects for sodium thiocyanate on prolonged absorption may produce various skin eruptions, dizziness, cramps, nausea and mild to severe disturbance of the nervous system. According to Merck Index, Eighth Ed. Methylene blue stain is considered practically non-toxic. Specific data is not available in regards to inhalation, eyes and skin contact for this product. Exercise appropriate procedures to minimize potential hazards. Target organs: Liver, kidneys, thyroid.

Emergency and First Aid Procedures
INGESTION: Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person. **EYES:** Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **SKIN:** Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get 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	Protect from light, excessive temperature and heat.
	Stable	X		

Incompatibility (Materials to Avoid) Caustic alkali, dichromates, reducing agents, strong mineral acids and oxidizing agents.

Hazardous Decomposition Products When heated to decomposition, emits toxic fumes of oxides of nitrogen (NO_x) and sulfur (SO_x).

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 suitable protective clothing, avoid making dust, sweep material onto paper. Place in a suitable container for disposal by incineration. Wash spill area well with soap and water.

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 should be needed in normal laboratory handling. If dusty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved dust mask.

Ventilation	Local Exhaust	Not needed.	Special	No.
	Mechanical (General)	Recommended.	Other	No.

Protective Gloves	Rubber.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment Goggles, lab coat, apron, eye wash station, ventilation hood.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing Store in a cool, dry place away from oxidizing materials and protect from light. 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. For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Do not get in eyes, on skin, on clothing. Avoid breathing dust. There is insufficient data in the published literature to assign complete laboratory protective equipment for this product. Special precautions must be used in storage, use and handling.

D.O.T.	NON-REGULATED.
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Approved by U.S. Department of Labor "essentially similar" to form OSHA-20

Revision No. 5	Date 06/27/05	Approved Michael Raszeja	Chemical Safety Coordinator MR
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