


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. |
|--------------------------|---------|-----------------------|--------------------------|

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.

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

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