

IMPORTANT!
MATERIAL SAFETY DATA SHEET

READ CAREFULLY BEFORE USING CHEMICAL
OSHA requires that this form be kept on file.

Product No. SA 9613 M

Product Name METHYLENE BLUE
CHLORIDE 1% AQUEOUS SOLUTION

| | | |
|---------------|--------------|------------|
| HEALTH HAZARD | FLAMMABILITY | REACTIVITY |
| 1 | 1 | 1 |

| | |
|-------------------|----------------|
| Chemical Synonyms | N/A |
| Formula | N/A |
| C.A.S. No. | See Section II |

Principal Hazardous Component(s)
Methylene Blue CAS# 61-73-4
Water (nonhazardous)

| | | | |
|---------|------|-----------|-------------|
| % PEL | None | TLV Units | Established |
| 1% Bal. | | | |

* Chemical subject to the reporting requirements of SARA Title III.

| | | | |
|---------------------------|---------------------|---------------------------------------|---------------------|
| Melting Point (°F) | N/A | Specific Gravity (H ₂ O=1) | N/A |
| Boiling Point (°F) | N/A | Percent Volatile by Volume (%) | N/A |
| Vapor Pressure (mm Hg) | N/A | Evaporation Rate (Burl. Assn. =1) | N/A |
| Vapor Density (Air=1) | N/A | | |
| Solubility in Water | Complete | | |
| Appearance & Odor | Dark blue solution. | | |
| Flash Point (Method Used) | Nonflammable | Flammable Limits in Air % by Volume | Lower N/A Upper N/A |

Extinguisher Carbon dioxide, dry chemical, alcohol foam, water spray.
Media
Special Firefighting Procedures
Wear self-contained breathing apparatus.

Unusual Fire and Explosion Hazards

None

SBI14330 Nasco Intermediate Sc Kit GR 4-9
DEC 19 1995

D.O.T. Not Regulated

Approved by U.S. Department of Labor "representative employer" in Item OSHA-20

None established.

Effects of Overexposure
May be harmful by inhalation, ingestion or skin absorption. Eye irritant.

9295

Emergency and First Aid Procedures

EYES/SKIN: Wash with plenty of water for at least 15 minutes. **INHALATION:** Remove to fresh air. Give artificial respiration if necessary. **INGESTION:** Induce vomiting by giving a tablespoon of salt in warm water and repeat until vomit is clear. Never give anything by mouth to an unconscious person. Call a physician.

| | |
|-----------|--|
| Stability | <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable |
|-----------|--|

Conditions to Avoid
N/A

Incompatibility (Materials to Avoid)

Strong oxidizing agents.

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxides, hydrogen chloride gas.

Hazardous Polymerization

Conditions to Avoid
N/A

May Occur Will Not Occur

Steps to be Taken in Case Material is Released or Spilled
Absorb spill and containize. Wash spill area thoroughly.

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 catalytic converters. Mix with combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Comply with all applicable federal, state and local regulations.

Respiration Protection (Specify Type)

SPECIAL PROTECTION INFORMATION
NIOSH approved respirator in high concentrations.

Ventilation

| | | | |
|----------------------|---|---------|--|
| Local Exhaust | | Special | |
| Mechanical (General) | X | Other | |

Protective Gloves

Rubber Gloves

Eye Protection Safety Glasses

Other Protective Equipment

Lab coat or apron. Maintain eye wash and safety shower.

SECTION II SPECIAL PRECAUTIONS
Precautions to be Taken in Handling & Storing
Keep container tightly closed when not in use.
Keep tightly closed. Store in a cool, dry place.

Other Precautions
Read label on container before using. Do not wear contact lenses when working with chemicals.
Do not get in eyes, on skin, or on clothing. Avoid contact and inhalation. Wash thoroughly after handling.

Approved by Steven C. Quandt

Effective Date

060695

For Laboratory use only. Not for household use. Keep out of reach of children.