

MSDS**Material Safety Data Sheet**

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Methylene Blue Stain Solution, Loeffler's

SECTION 1 PRODUCT IDENTIFICATION

NAME: Methylene Blue Stain Solution, Loeffler's
EKI ORDER NUMBER: 7161
SYNONYMS: N/A
CAS NO: N/A
FORMULA: N/A
REVISION DATE: 26 April 2004

SECTION 2 HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

INGREDIENT	CAS NO	OSHA PEL	ACGIH TLV
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Ethyl Alcohol	64-17-5	1000 ppm TWA	1000 ppm TWA
Methyl Alcohol	67-56-1	200 ppm TWA	200 ppm TWA Skin 250 ppm STEL Skin
Isopropyl Alcohol	67-63-0	400 ppm TWA	200 ppm TWA 400 ppm STEL

Methyl Alcohol, ~1.2%, is subject to the reporting requirements of SARA313 and 40CFR372.

SECTION 3 PHYSICAL / CHEMICAL CHARACTERISTICS

SOLUBILITY IN WATER: Miscible
VAPOR PRESSURE: N/A
SPECIFIC GRAVITY: N/A
EVAPORATION RATE: N/A
APPEARANCE AND ODOR: Opaque blue liquid. Moderate odor of Ethyl Alcohol.

BOILING POINT: N/A
VAPOR DENSITY: N/A
MELTING POINT: N/A

SECTION 4 FIRE / EXPLOSION HAZARD DATA

FLASH POINT: N/A
FLAMMABLE LIMITS (UPPER AND LOWER): N/A
EXTINGUISHING MEDIA: Dry chemical, CO₂, "alcohol" foam, water spray.
SPECIAL FIRE FIGHTING PROCEDURES: Use breathing apparatus in enclosed areas.
UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

SECTION 5 REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: N/A
MATERIALS TO AVOID: N/A
HAZARDOUS DECOMPOSITION PRODUCTS: N/A
HAZARDOUS POLYMERIZATION: N/A

SECTION 6 HEALTH HAZARD DATA

ROUTES OF ENTRY AND EFFECTS OF OVEREXPOSURE
INHALATION: May cause nasal irritation, dizziness, weakness, fatigue, nausea, headache.
SKIN CONTACT: Prolonged contact may cause moderate irritation.
EYE CONTACT: Causes irritation.
SKIN ABSORPTION: N/A
INGESTION: May cause gastric irritation, nausea, vomiting, blindness, unconsciousness.
CHRONIC: N/A
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/A
CARCINOGENICITY: No components listed as carcinogenic by NTP or IARC.

****FIRST AID PROCEDURES****

EYES: Flush with plenty of water for at least 15 minutes. Get medical attention.
SKIN: Flush with water.
INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
INGESTION: If conscious, give 2 glasses of water and induce vomiting. Get medical attention.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Soak up with absorbent material and place in closed container for disposal. Flush spill area with water.
WASTE DISPOSAL METHOD: Dispose in accordance with all applicable federal, state, and local environmental regulations.
OTHER PRECAUTIONS: N/A

SECTION 8 CONTROL MEASURES

VENTILATION: Local or general to meet TLV requirements.
RESPIRATORY PROTECTION: Chemical respirator if TLV is likely to be exceeded.
EYE PROTECTION: Safety goggles
GLOVES: Chemical Gloves
OTHER PROTECTIVE CLOTHING: Lab coat
WORK HYGIENE PRACTICES: Avoid contact with skin, eyes, and clothing. Do not taste or swallow. Keep container tightly closed. Store in cool place.

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