

MSDS

Material Safety Data Sheet



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Toluidine Blue O, Powder

SECTION 1 PRODUCT IDENTIFICATION

NAME: Toluidine Blue O, Powder
EKI ORDER NUMBER: 14946
SYNONYMS: CI 52040
CAS NO: 92-31-9
FORMULA: $C_{15}H_{16}C_1N_3S$
Revision date: May 6, 2004

SECTION 2 HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

INGREDIENT -----	CAS NO -----	OSHA PEL -----	ACGIH TLV -----
Toluidine Blue O	92-31-9	N/E	N/E

SECTION 3 PHYSICAL / CHEMICAL CHARACTERISTICS

SOLUBILITY IN WATER: 1-10%
VAPOR PRESSURE: N/I
SPECIFIC GRAVITY: N/I
EVAPORATION RATE: N/I
BOILING POINT: N/I
VAPOR DENSITY: N/I
MELTING POINT: N/I
APPEARANCE AND ODOR: Dark green powder. No odor.

SECTION 4 FIRE / EXPLOSION HAZARD DATA

FLASH POINT: Not a fire hazard.
FLAMMABLE LIMITS (UPPER AND LOWER): Does not apply.
EXTINGUISHING MEDIA: Appropriate for surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION 5 REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: N/I

MATERIALS TO AVOID: N/I
HAZARDOUS DECOMPOSITION PRODUCTS: N/I
HAZARDOUS POLYMERIZATION: Does not occur.

SECTION 6 HEALTH HAZARD DATA

ROUTES OF ENTRY AND EFFECTS OF OVEREXPOSURE: N/I
INHALATION: Causes irritation of respiratory tract.
SKIN CONTACT: Causes irritation.
EYE CONTACT: Causes irritation.
SKIN ABSORPTION: Harmful if absorbed.
INGESTION: Harmful if swallowed.
CHRONIC: N/I
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/I
CARCINOGENICITY: None

****FIRST AID PROCEDURES****

EYES: Immediately flush with plenty of water for at least 15 minutes.
SKIN: Flush skin with water.
INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Prompt action is essential.
INGESTION: Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Carefully place material into clean, dry container and cover. Flush spill area with water.
WASTE DISPOSAL METHOD: Dispose in accordance with all applicable federal, state, and local environmental regulations.
OTHER PRECAUTIONS: N/I

SECTION 8 CONTROL MEASURES

VENTILATION: Local preferred
RESPIRATORY PROTECTION: Dust/mist respirator
EYE PROTECTION: Chemical safety goggles
GLOVES: Chemical gloves
OTHER PROTECTIVE CLOTHING: Lab coat and impervious apron.
WORK HYGIENE PRACTICES: Avoid contact with skin, eyes, and clothing. Do not taste or swallow. Keep in tightly closed container. Use only with adequate ventilation. Wash thoroughly after handling.

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