

METHYLENE BLUE INDICATOR

MSDS Number

BSDKL

National Stock Number

6505-00N044974

Product Name

METHYLENE BLUE INDICATOR

Manufacturer

MALLINCKRODT INC

Product Identification

Product ID:METHYLENE BLUE INDICATOR

MSDS Date:12/06/1987

FSC:6505

NIIN:00N044974

MSDS Number: BSDKL

Responsible Party

MALLINCKRODT INC

PARIS , KY 43061

US

Emergency Phone: 314-982-5000

Info Phone: 314-982-5000

Cage: 62910

Contractor

MALLINCKRODT SPECIALTY CHEMICALS CO

PHILLIPSBURG, NJ 08865

US

908-859-2151

Cage: 62910

Ingredients

3H-PHENOTHIAZINE, 7-(DIMETHYLAMINO)-3- (METHYLAMINO)-,

CAS: 61-73-4

RTECS: SO5600000

Fraction By Weight: 100%

OSHA PELN/K

ACGIH TLV: N/K

CHLORIDE)

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:LD50:(ORAL,RAT)1180 MG/KG

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: INHAL: NOT EXPECTED TO BE A
HEALTH HAZARD VIA INHALATION. INGEST: HARMFUL IF SWALLOWED. WELL
ABSORBED IN MASS AFTER ORAL ADMINISTRATION. HEMOLYTIC ANEMIA HAS

COCURED AFTER EXCESSIVE DOSES. SKI N: MAY CAUSE IRRITATION. EYE:
CAUSES SEVERE IRRITATION. CHRONIC: NO INFORMATION FOUND.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NO INFORMATION FOUND.

First Aid

First Aid:INHAL: REMOVE TO FRESH AIR. GET MED ATTN FOR ANY BREATHING
DFCLTY. INGEST: IF SWALLOWED, CALL A PHYS IMMED. SKIN:REMOVE ANY
CONTAMD CLTHG. WASH SKIN W/SOAP/MILD DETERGENT & WATER FOR AT LEAST
15 MINUT ES. GET MED ATTN IF IRRIT DEVELOPS/PERSISTS. EYE: WASH
W/PLENTY OF WATER FOR @ LST 15 MIN, LIFTING LIDS OCCAS. GET MED
ATTN IMMED.

Fire Fighting

Extinguishing Media:WATER SPRAY, DRY CHEMICAL, ALCOHOL FOAM, OR CARBON
DIOXIDE.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL
PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:AS W/MOST ORG SOLIDS, FIRE IS POSS @
ELEVATED TEMPS/BY CONT W/AN IGNIT SOURCE. FINE DUST DISPERSED IN
AIR IN SUFFICIENT CONC, & IN PRESENCE OF AN (SUPP DATA)

Accidental Release

Spill Release Procedures:REMOVE ALL SOURCES OF IGNIT. VENT AREA OF
LEAK/SPILL. CLEAN-UP PERS MAY REQ PROT FROM INHAL OF DUST. CLEAN UP
SPILLS IN A MANNER THAT DOES NOT DISPERSE DUST IN AIR. USE
NON-SPARKING TOOLS. PICK UP SPI LL FOR RECOVERY/DISP AND PLACE IN A
CLSD CONTR.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:DO NOT BREATHE DUST. AVOID CONTACT
W/EYES, SKIN & CLTHG. KEEP CONTR CLSD. USE W/ADEQUATE VENTILATION.
PROTECT AGAINST PHYSICAL DAMAGE.

Other Precautions:KEEP IN A TIGHTLY CLOSED CONTAINER, STORED IN A COOL,
DRY VENTILATED AREA. ISOLATE FROM INCOMPATIBLE SUBSTANCES.

Exposure Controls

Respiratory Protection:FOR CNDTNS OF USE WHERE EXPOS TO DUST IS
APPARENT, A NIOSH/MSHA APPROVED DUST RESPIRATOR MAY BE WORN. FOR
EMER, A NIOSH/MSHA APPROVED SCBA MAY BE NECESSARY.

Ventilation:A LOC EXHST SYS WHICH CAPTURES CONTAM @ ITS SOURCE IS RECOM
TO PVNT DISPERSION OF CONTAM INTO WORKROOM AIR.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:CLEAN BODY COVERING CLOTHING. EYE WASH
FOUNTAIN & QUICK DRENCH FACILITIES. DO NOT WEAR CONTACT LENSES.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

MP: 374F,190C DECOMPOSES. EXPLO HAZ: IGNITION SOURCE IS A POTENTIAL
DUST EXPLOSION HAZARD.

Chemical Properties

HCC:T6

Melt/Freeze Pt:M.P/F.P Text:SUPP DATA

Solubility in Water:1 GM IN 25 ML

Appearance and Odor:DARK GREEN CRYSTALS, ODORLESS

Stability

Stability Indicator/Materials to Avoid:YES

CAUSTIC ALKALI, DICHROMATES, ALKALI IODIDES, REDUCING AGENTS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:MAY EMIT OXIDES OF CARBON, OXIDES OF
SULFUR, OXIDES OF NITROGEN & HYDROGEN CHLORIDE GAS WHEN HEATED TO
DECOMP.

Disposal

Waste Disposal Methods:WHATEVER CANNOT BE SAVED FOR RECOVERY MAY BE BURNED IN AN APPROVED INCINERATOR OR DISPOSED IN AN APPROVED WASTE FACILITY. ENSURE COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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