

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-76/76-59-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

76-59-5

Code:

M

RTECS:

SJ7450000

Code:

M

Name:

BROMOTHYMOL BLUE (0.4 GRAM PER LITER OF 50-50 WAT

Other REC Limits:

N/P

OSHA PEL:

N/P

Code:**OSHA STEL:****Code:****ACGIH TLV:**

UNKNOWN

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

APPROVED SELF-CNTND BRTHG APP

Ventilation:

LOCAL EXHAUST/MECHANICAL(GEN)

Protective Gloves:

RUBBER

Eye Protection:

SAFETY GOGG/FACE SHIELD

Other Protective Equipment:

Equipment AS NECESSARY TO AVOID SKIN CONTACT.

Work Hygienic Practices:

N/P

Supplemental Safety and Health:

INGESTION:HEADACHE,COUGHING,DULLNESS,ABDOMINAL SPASM,DIARRHEA,ETC;PER SPEC 0.4 GRAM OF BROMOTHYMOL IS DISSOLVED PER LITER OF 50% METHANOL & 50 WATER SOLUTION.

Health Hazards Data

LD50LC50Mixture:

N/P

Route Of Entry Inds - Inhalation:

N/P

Skin:

N/P

Ingestion:

N/P

Carcinogenicity Inds - NTP:

N/P

IARC:

N/P

OSHA:

N/P

Health Hazards Acute And Chronic:

N/P

Explanation Of Carcinogenicity:

N/P

Signs And Symptoms Of Overexposure:

INH:DIZZ,HEAD,NAUSEA,COUGH;EYES:REDNESS,PAING;SKIN:MAY ABSORB,REDNESS,PAIN;ING: *SEE SUPPL DATA*

Medical Cond Aggravated By Exposure:

N/P

First Aid:

3 INH:REMOVE TO FRESH AIR,GIVE OXY/CPR IF NEEDED.GET MED ASST;SKIN:REMOVE CONTAMINATED CLOTHING,FLUSH W/PLENTY OF WATER.GET MED ATTN;EYES:FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MIN.GET MED ATTN;ING:GIVE H₂O INDUCE VOMIT.RINSE MOUTH W/WATER.GET MED ATTN.

Spill Release Procedures:

EVACUATE UNPROTECTED PERSONS.ELIM IGN SOURCES.S LEAK W/O RISK.PROVIDE VENT.ABSORB W/SAND OR INERT ABSORBENT,SHOVEL INTO SEALABLE METAL CONTNRS;LG SPILL:DIKE W/COMMERCIAL ABSORBENT,PUMP INTO COVERED DRUMS & REMOVE TO SAFE PLACE PENDING DISPOSAL.

Neutralizing Agent:

N/P

Waste Disposal Methods:

KEEP IN COVERED DRUMS,PENDING DISPOSAL.HANDLE & DISPOSE IN FULL COMPLIANCE W/ALL FEDERAL,STATE & LOCAL REGS CONCERNING HEALTH & ENVIRONMENTS.

Handling And Storage Precautions:

KEEP AWAY FROM SOURCE OF HEAT/IGNITION.STORE IN COOL,DRY PLACE.KEEP IN TIGHTLY CLOSED CONTAINERS.SEPARATE FROM CORR & OXIDIZING MATL.

Other Precautions:

AVOID BREATHING VAP.AVOID SKIN,EYE CLOTHING CONTACT.USE W/ADEQUATE VENTILATION.PH OF INITIALLY PREPARED SOLN RANGES FROM 6.0 TO 7.6.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:**Flash Point Text:**

82F(28C)-CC

Autoignition Temp:**Autoignition Temp Text:**

N/A

Lower Limits:

UNK

Upper Limits:

UNK

Extinguishing Media:

DRY CHEM,FOAM,CO₂

Fire Fighting Procedures:

USE SELF-CNTND BRTHG APP;COOL EXPSD CNTNR W/WATER SPRAY 4

Unusual Fire/Explosion Hazard:

CNTNR MAY EXPLODE IN HEAT OF FIRE;SPILL/RUNOFF MAY CAUSE POLLUTION, FIRE, &/OR EXPLOSION.

Physical/Chemical Properties

HCC:

F5

NRC/State Lic No:

N/R

Net Prop WT For Ammo:

N/P

Boiling Point:

UNK

B.P. Text:

82F(28C)-CC

Melt/Freeze Pt:

UNK

N.P./F.P. Text:

N/A

Decomp Temp:

UNK

Decomp Text:

N/A

Vapor Pres:

UNK

Vapor Density:

UNK

Volatile Org Content %:

UNK

Spec Gravity:

UNK

VOC Pounds/Gallon:

UNK

PH:

N/P

VOC Grams/Liter:

UNK

Viscosity:

N/P

Evaporation Rate & Reference:

UNK

Solubility in Water:

COMPLETE

Appearance and Odor:

UNK,AQUEOUS SOLN,ALCOHOL ODOR.

Percent Volatiles by Volume:

UNK

Corrosion Rate:

N/P

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

SOURCE OF IGNITION

Materials To Avoid:

OXIDIZING MATL.

Hazardous Decomposition Products:

CO₂,CO

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

UNK

Toxicological Information

Information:

N/P

Regulatory Information

Information:

N/P

Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Other Information

Other Information:

N/P

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