

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-106/106-41-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

106-41-2

Code:

M

RTECS:

SJ7960000

Code:

M

Name:

4-BROMOPHENOL/P-BROMOPHENOL

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NONE NORMALLY REQUIRED. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED DUST RESPIRATOR OR DUST MASK.

Ventilation:

GOOD GENERAL VENTILATION IS SUFFICIENT FOR MOST CONDITIONS (10 ROOM VOLUMES PER HOUR).

Protective Gloves:

RUBBER TO MINIMIZE SKIN CONTACT

Eye Protection:

SAFETY GLASSES OR DUST GOGGLES

Other Protective Equipment:

Equipment EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING AND/OR UNIFORM

Work Hygienic Practices:

OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health:

4 N/P

Health Hazards Data

LD50/LC50 Mixture:

LD50 (ORAL, MUS) IS 523 MG/KG.

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

TARGET ORGANS: EYES. ACUTE- CAUSES EYE & SKIN IRRITATION. HARMFUL IF SWALLOWED, INHALED/ABSORBED THROUGH SKIN. DUSTS MAY CAUSE UPPER RESPIRATORY TRACT IRRITATION. TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED. CHRONIC- PROLONGED CONTACT CAN CAUSE DAMAGE TO THE EYES, SEVERE IRRITATION OR BURNS.

Explanation Of Carcinogenicity:

NONE 2

Signs And Symptoms Of Overexposure:

IRRITATION, TEARING, NAUSEA, VOMITING

Medical Cond Aggravated By Exposure:

PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

First Aid:

GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED: MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES/SKIN: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. ORAL: IF CONSCIOUS, WASH OUT MOUTH WITH WATER. SEEK MEDICAL ATTENTION.

Spill Release Procedures:

WEAR PROTECTIVE EQUIPMENT. COVER SPILL WITH DRY LIME OR SODA ASH. SWEEP UP. AVOID CREATING DUST. PLACE IN APPROPRIATE CONTAINER FOR DISPOSAL. VENTILATE AREA AND WASH SPILL SITE AFTER PICKUP IS COMPLETE.

Neutralizing Agent:

SODA ASH, LIME

Waste Disposal Methods:

DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER. OBSERVE LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:

STORE IN COOL, DRY PLACE AWAY FROM INCOMPATIBLE MATERIALS. KEEP CONTAINER TIGHTLY CLOSED. USE IN VENTILATED AREA.

Other Precautions:

DO NOT RAISE DUST. AVOID CONTACT WITH EYES, SKIN OR CLOTHING. AVOID INHALATION OF DUST. WASH THOROUGHLY AFTER HANDLING MATERIAL. KEEP OUT OF REACH OF SMALL CHILDREN. DO NOT INGEST.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

NONE 3

Autoignition Temp:

N/R

Lower Limits:

NOT RELEVANT

Upper Limits:

NOT RELEVANT

Extinguishing Media:

CARBON DIOXIDE, APPROPRIATE FOAM OR DRY CHEMICAL POWDER. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:

WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. TOXIC GASES MAY BE PRESENT.

Unusual Fire/Explosion Hazard:

TOXIC FUMES

Physical/Chemical Properties

HCC:

N/I

NRC/State Lic No:

NOT RELEVANT

Net Prop WT For Ammo:

N/I

Boiling Point:

N/I

B.P./T25C:

455, 250

Melt/Freeze Pt:

135, 250

Decomp Temp:

N/I

Decomp Text:

UNKNOWN

Vapor Pres:

N/R

Vapor Density:

N/R

Volatile Org Content %:

N/I

Spec Gravity:

UNKNOWN

VOC Pounds/Gallon:

N/I

PH:

N/K

VOC Grams/Liter:

N/I

Viscosity:

NOT RELEVANT

Evaporation Rate & Reference:

NOT RELEVANT

Solubility in Water:

UNKNOWN

Appearance and Odor:

OFF-WHITE CRYSTALS OR POWDER

Percent Volatiles by Volume:

N/R

Corrosion Rate:

UNKNOWN

Conditions To Avoid Polymerization:

UNKNOWN

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

UNKNOWN

Materials To Avoid:

ACID CHLORIDES, ACID ANHYDRIDES, OXIDIZING AGENTS

Hazardous Decomposition Products:

HYDROGEN BROMIDE GAS, CARBON MONOXIDE, CARBON DIOXIDE

Hazardous Polymerization Indicator:

N/P

Conditions To Avoid Polymerization:

UNKNOWN

Toxicological Information

Information:

N/P

MSDS Transport Information

Information:

N/P

Regulatory Information

Sara Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Other Information: