

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-108/108-86-1.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
108-86-1  
**Code:**  
M

**RTECS:**  
CY9000000  
**Code:**  
M

**Name:**  
BROMOBENZENE

**Other REC Limits:**  
NONE SPECIFIED

**OSHA PEL:**  
NOT ESTABLISHED  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT ESTABLISHED

**Code:**  
M

**ACGIHSTEL:**  
N/P

**Code:**

## Control Measures

**Respiratory Protection:**  
NO OCCUPATIONAL EXPOSURE STANDARD HAVE BEEN DEVELOPED FOR THIS MATERIAL. WHERE EXPOSURE THROUGH INHALATION MAY OCCUR FROM USE, NIOSH/MSHA APPROVED RESPIRATORY PROTECTION EQUIPMENT IS RECOMMENDED.

**Ventilation:**  
LOCAL EXHAUST VENTILATION MAY BE REQUIRED IN ADDITION TO GENERAL ROOM VENTILATION.

**Protective Gloves:**  
WEAR PROTECTIVE GLOVES.

**Eye Protection:**  
CHEMICAL SPLASH GOGGLES/FACE SHIELD.

**Other Protective Equipment:**  
Equipment USE APRON, SLEEVES, BOOTS, HEAD FACE PROTECTION IF NEEDED. HAVE EMERGENCY EYE WASH AND SAFETY SHOWER AVAILABLE.

**Work Hygienic Practices:**  
WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

**Supplemental Safety and Health:**  
AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MIST. DO NOT INGEST. READ PRECAUTIONS ON LABEL BEFORE USE.

## Health Hazards Data

**LD50LC50Mixture:**  
LD50 (ORAL RAT) IS UNKNOWN

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
NO

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
ACUTE-EYE, SKIN & MUCOUS MEMBRANE IRRITANT. SLIGHTLY TOXIC BY INHALATION & INGESTION. CHRONIC-THIS SOLVENT BASED PRODUCT MAY CAUSE DERMATITIS. THIS PRODUCT CONTAINS BROMOBEZENE WHICH HAS BEEN SHOWN TO CAUSE LIVER DAMAGE IN EXPERIMENTAL ANIMALS AT HIGH DOSE LEVELS. AVOID INTENSE, PROLONGED OR REPEATED CONTACT.

**Explanation Of Carcinogenicity:**  
THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

**Signs And Symptions Of Overexposure:**  
INHALE-SLIGHT INHALATION HAZARD. EYE-MODERATE EYE IRRITANT. SKIN-SLIGHT TO MODERATE SKIN IRRITANT. INGEST-SLIGHTLY TOXIC ORALLY.

**Medical Cond Aggravated By Exposure:**  
NONE SPECIFIED BY MANUFACTURER. 3

**First Aid:**  
INHALE-REMOVE TO FRESH AIR. GIVE OXYGEN OR CPR AS NEEDED. CALL DOCTOR. EYE-IMMEDIATELY RINSE WITH WATER FOR 20-30 MINUTES. RETRACT EYELIDS OFTEN. CALL DOCTOR. SKIN-IMMEDIATELY REMOVE CONTAMINATED CLOT HING. WASH SKIN WITH MILD SOAP/WATER. FLUSH W/LUKEWARM WATER FOR 15 MIN. IF STICKY, USE WATERLESS CLEANER FIRST. CALL DOCTOR. INGEST-GIVE LUKEWARM WATRE (PINT) IF VICTIM IS ALERT. INDUCE VOMITING.

**Spill Release Procedures:**  
RELEASE CAN CAUSE FIRE/EXPLOSION. LIQUIDS/VAPORS MAY IGNITE. EVACUATE/LIMIT ACCESS. EQUIP RESPONDER WITH PROPER PROTECTION. KILL ALL IGNITION SOURCES. S RELEASE. PREVENT FLOW TO SEWERS/PUBLIC WATER S. SOAK UP SMALL SPILL WITH INERT SOLIDS.

**Neutralizing Agent:**  
NOT APPLICABLE

**Waste Disposal Methods:**  
CONTAMINATED PRODUCT/SOIL/WATER MAY BE RCRA/OSHA HAZARDOUS WASTE DUE TO POTENTIAL COMBUSTIBILITY. LANDFILL SOILDS AT PERMITTED SITES. USE REGISTERED TRANSPORTERS. BURN CONCENTRATED LIQUIDS AVOID FLAME OUTS. ASSURE EMISSIONS COMPLY WITH REGULATIONS.

**Handling And Storage Precautions:**  
KEEP CONTAINERS CLOSED WHEN NOT IN USE. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES, STRONG OXIDIZING AGENTS & DIRECT SUNLIGHT. KEEP AWAY FRM CHILDREN.

**Other Precautions:**  
HANDLE "EMPTY CONTAINERS WITH ACARE/RESIDUE MAY BE COMBUSTIBLE & BURN IF EXPOSED TO HEAT/SPARKS/OPEN FLAME. IN ADDITION TO FIRE/EXPLOSION HAZARD, RESIDUAL VAPOR & LIQUID MAY ALSO BE TOXIC.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
CC

**Flash Point:**

**Flash Point Text:**  
124F,51C

**Autoignition Temp:**

**Autoignition Temp Text:**  
1051F

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. 4

**Fire Fighting Procedures:**  
DO NOT ENTER FIRE AREA WITHOUT PROPER PROTECTION. FIGHT FIRE FROM SAFE DISTANCE. DO NOT USE SOLID WATER STREAM/MAY SPREAD FIRE. USE WATER SPRAY/FOG FOR COOLING.

**Unusual Fire/Explosion Hazard:**  
COMBUSTIBLE LIQUID. HEAT MAY BUILD PRESSURE/RUPTURE CLOSED CONTAINER, SPREADING FIRE. AVOID FROTHING/STEAM EXPLOSION. BURNING LIQUID WILL FLOAT ON WATER.

## Physical/Chemical Properties

**HCC:**  
F4

**NRC/State LIC No:**  
N/R 5

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/R

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
<0F,<-18C

**Decomp Temp:**

**Decomp Text:**  
UNKNOWN

**Vapor Pres:**  
N/R

**Vapor Density:**  
N/R

**Volatile Org Content %:**

**Spec Gravity:**  
1.49

**VOC Pounds/Gallon:**

**PH:** 5.59

**VOC Grams/Liter:**

**Viscosity:**  
N/R

**Evaporation Rate & Reference:**  
N/R

**Solubility in Water:**  
N/R

**Appearance and Odor:**  
TRANSLUCENT, GRASS GREEN LIQUID.

**Percent Volatiles by Volume:**  
N/R

**Corrosion Rate:**  
UNKNOWN

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
HIGH HEAT, OPEN FLAMES AND SPARKS.

**Materials To Avoid:**  
STRONG OXIDIZING AGENTS.

**Hazardous Decomposition Products:**  
NONE SPECIFIED BY MANUFACTURER.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NOT APPLICABLE

## 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

**Other Information:**N/P