



# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

**Product name:**  $\beta$ -Bromophenetole  
**Product code:** B0931  
**Company:** TCI (Shanghai) DEVELOPMENT CO., LTD.  
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**Responsible Department:** Sales Department  
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**Revision number:** 1

## 2. HAZARDS IDENTIFICATION

### Classification of the GHS

#### PHYSICAL HAZARDS

Flammable solids

Category 1

#### HEALTH HAZARDS

Not classified

#### ENVIRONMENTAL HAZARDS

Not classified

### GHS label elements

#### Pictograms or hazard symbols



#### Signal word

Danger

#### Hazard statement

Flammable solid

#### Precautionary statements

##### [Prevention]

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
Use explosion-proof electrical/ventilating/lighting equipment.  
Wear cold insulating gloves/face shield/eye protection.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance/mixture:** Substance  
**Component(s):**  $\beta$ -Bromophenetole  
**Percent:** >97.0%(GC)  
**CAS Number:** 589-10-6  
**Synonyms:** 2-Bromoethyl Phenyl Ether , 2-Phenoxyethyl Bromide  
**Chemical Formula:**  $C_8H_9BrO$

## 4. FIRST AID MEASURES

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

**Skin contact:** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention.

**Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Ingestion:** Get medical advice/attention if you feel unwell. Rinse mouth.

**Protection of first-aiders:** A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles.

## 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Dry chemical, foam, water spray, carbon dioxide.
<b>Specific hazards:</b>	Take care as it may decompose upon combustion or in high temperatures to generate poisonous fume.
<b>Specific methods:</b>	Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so.
<b>Special protective equipment for firefighters:</b>	When extinguishing fire, be sure to wear personal protective equipment.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment and emergency procedures:</b>	Use personal protective equipment. Keep people away from and upwind of spill/leak. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.
<b>Environmental precautions:</b>	Prevent product from entering drains.
<b>Methods and materials for containment and cleaning up:</b>	Sweep dust to collect it into an airtight container, taking care not to disperse it. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.
<b>Prevention of secondary hazards:</b>	Remove all sources of ignition. Fire-extinguishing devices should be prepared in case of a fire. Use spark-proof tools and explosion-proof equipment.

## 7. HANDLING AND STORAGE

### Handling

<b>Technical measures:</b>	Handling is performed in a well ventilated place. Wear suitable protective equipment. Prevent dispersion of dust. Keep away from heat/sparks/open flame/hot surfaces. - No smoking. Take measures to prevent the build up of electrostatic charge. Wash hands and face thoroughly after handling. Use a local exhaust if dust or aerosol will be generated.
<b>Advice on safe handling:</b>	Avoid contact with skin, eyes and clothing.

### Storage

<b>Storage conditions:</b>	Keep container tightly closed. Store in a cool and dark place. Store away from incompatible materials such as oxidizing agents.
<b>Packaging material:</b>	Law is followed.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering controls:</b>	Install a closed system or local exhaust. Also install safety shower and eye bath.
<b>Personal protective equipment</b>	
<b>Respiratory protection:</b>	Dust respirator. Follow local and national regulations.
<b>Hand protection:</b>	Protective gloves.
<b>Eye protection:</b>	Safety glasses. A face-shield, if the situation requires.
<b>Skin and body protection:</b>	Protective clothing. Protective boots, if the situation requires.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state (20°C):</b>	Solid
<b>Form:</b>	crystal
<b>Color:</b>	White - Very pale yellow
<b>Odor:</b>	No data available
<b>pH:</b>	No data available
<b>Melting point/freezing point:</b>	32°C (Freezing point)
<b>Boiling Point/Range:</b>	144 °C/5.3kPa
<b>Flash Point:</b>	65°C
<b>Explosive limits</b>	
<b>Lower:</b>	No data available
<b>Upper:</b>	No data available

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Density: No data available  
Solubility: Soluble in : Methanol

## 10. STABILITY AND REACTIVITY

Stability: Stable under proper conditions.  
Reactivity: No special reactivity has been reported.  
Conditions to avoid: Light-sensitive  
Incompatible materials: oxidizing agents  
Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Hydrogen bromide

## 11. TOXICOLOGICAL INFORMATION

Acute Toxicity: No data available  
Skin corrosion/irritation: No data available  
Serious eye damage/irritation: No data available  
Germ cell mutagenicity: No data available  
Carcinogenicity:  
IARC = No data available  
NTP = No data available  
Reproductive toxicity: No data available

## 12. ECOLOGICAL INFORMATION

Ecotoxicity:  
Fish: No data available  
Crustacea: No data available  
Algae: No data available  
Persistence / degradability: No data available  
Bioaccumulative potential(BCF): No data available  
Mobility in soil  
log Pow: No data available  
Soil adsorption (Koc): No data available  
Henry's Law constant(PaM<sup>3</sup>/mol): No data available

## 13. DISPOSAL CONSIDERATIONS

Recycle to process, if possible. Consult your local regional authorities. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.

## 14. TRANSPORT INFORMATION

Hazards Class: 4.1: Flammable solid.  
UN-No: 1325  
Proper shipping name: Flammable solid, organic, n.o.s.  
Packing group: II

## 15. REGULATORY INFORMATION

**Safe management ordinance of dangerous chemical product (State Council announces on January 26, 2002):** Safe use and production, the storage of a dangerous chemical, transport, loading and unloading were prescribed.

## 16. OTHER INFORMATION

The reference company name of written contents

Company: TCI (Shanghai) DEVELOPMENT CO., LTD.  
Address: No.96 Pu Gong Road, Shanghai Chemical Industry Park, Shanghai 201507 China

## 16. OTHER INFORMATION

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