TCI (Shanghai) DEVELOPMENT CO., LTD.

Isothiocyanic Acid 2-Bromophenyl Ester

Revision number: 1

Revision date: 11/30/2010

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Revision date: 11/30/2010

# SAFETY DATA SHEET

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

Product name: Product code: Company: Address: Responsible Department: Telephone: Fax: e-mail: Revision number: Isothiocyanic Acid 2-Bromophenyl Ester I0523 TCI (Shanghai) DEVELOPMENT CO., LTD. No.96 Pu Gong Road, Shanghai Chemical Industry Park, Shanghai 201507 China Sales Department +86-(0)21-67121386 +86-(0)21-67121385 sales@tcishanghai.com.cn 1

# 2. HAZARDS IDENTIFICATION

Classification of the GHS PHYSICAL HAZARDS HEALTH HAZARDS Acute toxicity (Oral) Acute toxicity (Inhalation) Skin corrosion/irritation Serious eye damage/eye irritation ENVIRONMENTAL HAZARDS GHS label elements

Pictograms or hazard symbols

Hazard statement



Not classified

Category 4 Category 4 Category 1C Category 1 Not classified

Danger Harmful by inhalation and if swallowed Causes severe skin burns and eye damage

	Cadobo covoro skin barrio ana oyo damago
Precautionary statements	
[Prevention]	Do not breathe.
	Use only outdoors or in a well-ventilated area.
	Do not eat, drink or smoke when using this product.
	Wash hands thoroughly after handling.
	Wear protective gloves/eye protection/face protection.
[Response]	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for
	breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses,
	if present and easy to do. Continue rinsing.
	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse
	skin with water/shower.
	Wash contaminated clothing before reuse.
	Immediately call a POISON CENTER or doctor/physician.
[Storage]	Store locked up.
[Disposal]	Dispose of contents/container through a waste management company authorized by
נופאספוט	the local government

# **3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance/mixture:	Substance
Component(s):	Isothiocyanic Acid 2-Bromophenyl Ester
Percent:	>97.0%(GC)
CAS Number:	13037-60-0
Synonyms:	2-Bromophenyl Isothiocyanate
Chemical Formula:	C <sub>7</sub> H₄BrNS

tight goggles.

## 4. FIRST AID MEASURES

Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
Skin contact:	Remove/Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. Immediately call a POISON CENTER or doctor/physician.
Eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.Immediately call a POISON CENTER or doctor/physician.
Ingestion:	Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do NOT induce vomiting.
Protection of first-aiders:	A rescuer should wear personal protective equipment, such as rubber gloves and air-

### **5. FIRE-FIGHTING MEASURES**

Suitable extinguishing	Dry chemical, foam, water spray, carbon dioxide.
media:	
Extinguishing media not to be used:	Solid streams of water
Specific hazards:	Take care as it may decompose upon combustion or in high temperatures to generate poisonous fume.
Specific methods:	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.
Special protective equipment for firefighters:	When extinguishing fire, be sure to wear personal protective equipment.

# 6. ACCIDENTAL RELEASE MEASURES

. A	ACCIDENTAL RELEASE MEASURES		
	Personal precautions,	Use extra personal protective equipment (self-contained breathing apparatus). Keep	
		people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to non-	
	0 1	involved personnel should be controlled around the leakage area by roping off, etc.	
	<b>Environmental precautions:</b>	Prevent product from entering drains.	
	Methods and materials for	Absorb spilled material in a suitable absorbent (e.g. rag, dry sand, earth, saw-dust).	
	containment and cleaning	In case of large amount of spillage, contain a spill by bunding. Adhered or collected	
	up:	material should be promptly disposed of, in accordance with appropriate laws and regulations.	

# 7. HANDLING AND STORAGE

Handling

Handling is performed in a well ventilated place. Wear suitable protective equipment. Prevent generation of vapor or mist. Wash hands and face thoroughly after handling. Use a closed system if possible. Use a ventilation, local exhaust if vapor or aerosol will be generated.
Avoid contact with skin, eyes and clothing.
Keep container tightly closed. Store in a cool and dark place.
Store under inert gas.
Protect from moisture.
Store locked up.

7. HANDLING AND STORAGE	Ctore owny from incompatible materials such as suidining agents
Packaging material:	Store away from incompatible materials such as oxidizing agents. Law is followed.
8. EXPOSURE CONTROLS / PI	
Engineering controls: Personal protective equipm	Install a closed system or local exhaust. Also install safety shower and eye bath.
Respiratory protection:	Half or full facepiece respirator, self-contained breathing apparatus(SCBA), supplied
	air respirator, etc. Use respirators approved under appropriate government standards
Hand protection:	and follow local and national regulations. Impervious gloves.
Eye protection:	Safety goggles. A face-shield, if the situation requires.
Skin and body protection:	Impervious protective clothing. Protective boots, if the situation requires.
9. PHYSICAL AND CHEMICAL	PROPERTIES
Physical state (20°C):	Liquid
Form:	clear Very pele vellew, Dele vellew,
Color: Odor:	Very pale yellow - Pale yellow No data available
pH:	No data available
Melting point/freezing point	
Boiling Point/Range:	118 °C/1.1kPa
Flash Point: Explosive limits	No data available
Lower:	No data available
Upper:	No data available
Density:	1.59 No data available
Solubility:	
10. STABILITY AND REACTIVI	
Stability:	Stable under proper conditions.
Reactivity: Conditions to avoid:	No special reactivity has been reported. Moisture-sensitive
Incompartible materials:	oxidizing agents
Hazardous Decomposition	oxidizing agents Carbon monoxide, Carbon dioxide, Nitrogen oxides (NOx), Sulphur oxides, Hydrogen
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Hazardous Decomposition Products: 11. TOXICOLOGICAL INFORM	Carbon monoxide, Carbon dioxide, Nitrogen oxides (NOx), Sulphur oxides, Hydrogen bromide ATION
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### **12. ECOLOGICAL INFORMATION**

log Pow:	No data available
Soil adsorption (Koc):	No data available
Henry's Law	No data available
constant(PaM <sup>3</sup> /mol):	

## **13. DISPOSAL CONSIDERATIONS**

Recycle to process, if possible. Consult your local regional authorities. You may be able to 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:	8: Corrosive.
UN-No:	1760
Proper shipping name:	Corrosive liquid, n.o.s.
Packing group:	III

## **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
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This MSDS was prepared sincerely on the basis of the information we could obtained, however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority.products are supposed to be used promptly after purchase in consideration of safety. Some new information or amendments may be added afterwards. If the products are to be used far behind the expected time of use or you have any questions, please feel free to contact us. The stated cautions are for normal handling only. In case of special handling, sufficient care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be treated with the recognition of "having unknown hazards and toxicity", which differ greatly depending on the conditions and handling when in use and/or the conditions and duration of storage. The products must be handled only by those who are familiar with specialized knowledge and have experience or under the guidance of those specialists throughout use from opening to storage and disposal. Safe usage conditions shall be set up on each user's own responsibility.