

Material Safety Data Sheet

1. Composition/information on ingredients

Product Name: 2-Bromo-5-iodobenzoic acid
Synonyms:
Company Identification: Shanghai IS Chemicals Technology LTD.
Address: Shanghai Torch innovation Park of Fine Chemical Industry,
No. 688 Qiushi Road, Jinshan District, Shanghai China, Zip, 201512
Telephone Number: 86-21-52685808
Fax Number: 86-21-52685809

2. Identification of the substance

Catalog Number: 101-1671
CAS # : 25252-00-0
Purity: 98.13%
EINECS#

3. Hazards identification

EMERGENCY OVERVIEW Not available.

Potential Health Effects Eye: May cause mild eye irritation.

Skin: Non-irritating to the skin. Ingestion:

Expected to be a low ingestion hazard. Inhalation: Low hazard for usual industrial handling.

Chronic: No information found.

4. First aid measures

Eyes:

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation develops, get medical aid.

Skin:

Get medical aid if irritation develops or persists. Flush skin with plenty of soap and water.

Ingestion:

Wash mouth out with water. Get medical aid if irritation or symptoms occur.

Inhalation:

Remove from exposure and move to fresh air immediately. Get medical aid if cough or other symptoms appear. Notes to Physician:

5. Fire fighting measures

General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media:

In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam. Use agent most appropriate to extinguish fire.

6. Accidental release measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Sweep up, then place into a suitable container for disposal. Avoid generating dusty conditions. Provide ventilation.

.7. Handling and storage

Handling:

Wash hands before eating. Minimize dust generation and accumulation.

Use with adequate ventilation.

Storage:

Store in a cool, dry place. Keep container closed when not in use.

No special precautions indicated.

8. Exposure Controls / PPE

Engineering Controls:

Use adequate ventilation to keep airborne concentrations low.

Exposure Limits CAS# 25252-00-0 :

Personal Protective Equipment

Eyes:

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to minimize contact with skin.

Respirators:

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

9. Physical and chemical properties

Physical State: Powder

Color: gray

Odor: none reported

pH: Not available.

Vapor Pressure: Not available.

Viscosity: Not available.

Boiling Point: Not available.

Freezing/Melting Point: Not available

Autoignition Temperature: Not applicable.

Flash Point: Not applicable.

Explosion Limits, lower: Not available.

Explosion Limits, upper: Not available.

Decomposition Temperature: Not available

Solubility in water: Soluble.

Specific Gravity/Density: Not available

Molecular Formula: C7H4BrIO2

Molecular Weight: 325.84

10. Stability and reactivity

Chemical Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Dust generation, excess heat.

Incompatibilities with Other Materials:

Strong oxidizing agents.

Hazardous Decomposition Products:

Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.

Hazardous Polymerization: Has not been reported.

Hazardous Polymerization: Has not been reported.

11. Toxicological information

RTECS#:

CAS# 25252-00-0: HA2200000

LD50/LC50:

Not available.

Carcinogenicity:

2-Bromo-5-iodobenzoic acid, 98.13% -

Not listed by ACGIH, IARC, or NTP.

Other:

See actual entry in RTECS for complete information.

12. Ecological information

Not available.

13. Disposal consideration

Dispose of in a manner consistent with federal, state, and local regulations.

14. Transportation information

IATA

Not regulated as a hazardous material.

IMO

Not regulated as a hazardous material.

RID/ADR

Not regulated as a hazardous material.

15. Regulatory information

European/International Regulations European Labeling in Accordance with EC Directives

Hazard Symbols: Not available.

Risk Phrases:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes. WGK (Water Danger/Protection) CAS# 25252-00-0: No information available.

Canada None of the chemicals in this product are listed on the DSL/NDSL list.

CAS# 25252-00-0 is not listed on Canada's Ingredient Disclosure List.

US FEDERAL TSCA CAS# 25252-00-0 is not listed on the TSCA inventory.

It is for research and development use only.

16. Other information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary