

Material Safety Data Sheet

1. Composition/information on ingredients

Product Name: 3, 5-dibromoquinoline
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
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2. Identification of the substance

Catalog Number: S08-0003
CAS # : 101861-59-0
Purity: 95.0%
EI NECS#

3. Hazards identification

EMERGENCY OVERVIEW

Irritating to eyes, respiratory system and skin. The toxicological properties of this material have not been fully investigated.

Potential Health Effects

Eye:

May cause eye irritation.

Skin:

May cause skin irritation.

Ingestion:

Ingestion of large amounts may cause gastrointestinal irritation.

The toxicological properties of this substance have not been fully investigated.

Inhalation:

May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

Chronic:

No information found.

4. First aid measures

Eyes:

Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin:

Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.

Ingestion:

Do not induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.

Inhalation:

Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. 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.

Extinguishing Media:

Use water spray, dry chemical, carbon dioxide, or chemical foam.

6. Accidental release measures

General Information:

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Clean up spills immediately, observing precautions in the Protective Equipment section.

7. Handling and storage

Handling:

Wash thoroughly after handling. Wash hands before eating. Use with adequate ventilation. Avoid contact with skin and eyes. Avoid ingestion and inhalation.

Storage:

Store in a cool, dry place. Store in a tightly closed container.

8. Exposure Controls / PPE

Engineering Controls:

Good general ventilation should be sufficient to control airborne levels.

Exposure Limits

CAS# 101861-59-0:

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 prevent skin exposure.

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: White

Odor: Not available.

pH: Not available.

Vapor Pressure: Not available.

Viscosity: Not available.

Boiling Point: Not available

Freezing/Melting Point: 86 deg C

Autoignition Temperature: Not available.

Flash Point: Not available

Explosion Limits, lower: Not available.

Explosion Limits, upper: Not available.

Decomposition Temperature: Not available

Solubility in water: Not available

Specific Gravity/Density: Not available

Molecular Formula: C₉H₅Br₂N

Molecular Weight: 287.0

10. Stability and reactivity

Chemical Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Incompatible materials, excess heat, strong oxidants.

Incompatibilities with Other Materials:

Strong oxidizing agents.

Hazardous Decomposition Products:

Carbon monoxide, oxides of nitrogen, carbon dioxide, hydrogen bromide.

Hazardous Polymerization: Has not been reported.

11. Toxicological information

RTECS#:

CAS# 101861-59-0 unlisted.

LD50/LC50:

Not available.

Carcinogenicity:

3, 5-dibromoquinoline-

Not listed by ACGIH, IARC, or NTP.

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: XI

Risk Phrases:

R 36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrases:

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 37/39 Wear suitable gloves and eye/face protection.

WGK (Water Danger/Protection)

CAS# 101861-59-0: No information available.

Canada

CAS# 101861-59-0 is listed on Canada's NDSL List.

CAS# 101861-59-0 is not listed on Canada's Ingredient Disclosure List.

US FEDERAL

TSCA

CAS# 101861-59-0 is listed on the TSCA inventory.

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