

4-Carboxyphenyl isothiocyanate: sc-281402



The Power to Question

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: 4-Carboxyphenyl isothiocyanate

Product Number: sc-281402

CAS Number: 2131-62-6

Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800

Emergency: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

2. HEALTH HAZARD INFORMATION

Lacrymator. Irritant. Irritating to skin, eyes, and respiratory system. May have harmful effects if inhaled or swallowed. Avoid prolonged exposure. Do not breathe vapor. Use caution when handling. Exposure to any chemical should be limited. To the best of our knowledge, the health hazards of this material have not been fully investigated. Material is for research and development purposes only.

3. EXPOSURE CONTROLS/PERSONAL PROTECTION

Avoid all direct contact with product. Wear protective safety goggles. Wear chemical-resistant gloves. Wear protective clothing and boots. Ensure ventilation during use. After contact with skin, wash immediately.

4. FIRST AID

Eye contact

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes while keeping eyes open. Cold water may be used. Seek medical attention.

Skin contact

After contact with skin, wash with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Cold water may be used. Cover the irritated skin with an emollient. Seek medical attention. Wash any contaminated clothing before reusing.

Inhalation

Remove victim from source of exposure to fresh air. If breathing is difficult administer oxygen. Seek medical attention.

Ingestion

Do not induce vomiting. Give water to victim to drink. Seek medical attention.

5. FIRE MEASURES

Extinguishing media

Carbon dioxide, dry chemical powder, alcohol or polymer foam.

Special fire-fighting procedures

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosion hazards/decomposition of product

Emits toxic fumes under fire conditions.

6. HANDLING AND STORAGE INFORMATION

Lachrymator. Irritant. Avoid prolonged use. Avoid all direct contact with material. Wash thoroughly after handling. Do not breathe dust or vapor. Have safety shower and eye wash available. Do not get in eyes, on skin, on clothing. Keep container tightly closed. Store in a cool, dry, well-ventilated area. Ensure adequate ventilation during use. Use only in a chemical fume hood. Avoid sources of ignition.

7. ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled

Wear appropriate respirator, rubber boots and heavy rubber gloves. Scoop up and place in an appropriate container. Ventilate area and wash spill site after pickup is complete. Wash skin immediately with plenty of water. Absorb on sand or vermiculite and place in closed containers for disposal. Store at 4 °C.

8. DISPOSAL INFORMATION

Dissolve in or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all Federal, State and local laws.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	solid	Formula	C ₈ H ₅ NO ₂ S
Molecular weight	179.20	Boiling point	no data
Melting point	no data	Density	no data
Nd20	no data	Freezing point	no data

10. REACTIVITY DATA

Incompatibilities

Strong oxidizing agents.

Hazardous decomposition products

May evolve carbon monoxide, carbon dioxide, nitrogen oxides, and sulfur oxides.

11. TOXICITY INFORMATION

Acute effects

Irritant. May be harmful by ingestion and inhalation. Material is irritating to mucous membranes and upper respiratory tract. To the best of our knowledge, the toxicological properties of this product have not been fully determined.

12. TRANSPORT INFORMATION

DOT (US)	IMDG	IATA
Not dangerous goods	Not dangerous goods	Not dangerous goods

13. OTHER INFORMATION

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

2/07/2014