

2-Fluorobenzyl mercaptan: sc-321756



MATERIAL SAFETY DATA SHEET

The Power to Question

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: 2-Fluorobenzyl mercaptan

Product Number: sc-321756

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. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity, dermal (Category 4)

Acute toxicity, oral (Category 4)

Acute toxicity, inhalation (Category 4)

GHS Label elements, including precautionary statements

Pictograms



Signal Word

Warning

Hazard Statements

H302

Harmful if swallowed

H312

Harmful in contact with skin

H332

Harmful if inhaled

Precautionary Statements

P262

Do not get in eyes, on skin, or on clothing.

P20

Wear protective gloves/protective clothing/eye protection/face protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula: C₇H₇FS

Molecular weight: 142.19

CAS #: 72364-46-6

4. FIRST AID MEASURES

If inhaled

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

In case of skin contact

Wash thoroughly with soap and plenty of water. Seek medical attention.

In case of eye contact

Immediately flush eyes with running water for at least 15 minutes while keeping eyes open. Seek medical attention.

If swallowed

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

5. FIREFIGHTING MEASURES

Suitable extinguishing media

Use carbon dioxide, dry chemical powder, alcohol-resistant or polymer foam.

Special protective equipment for firefighters

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

Hazardous combustion products

Emits toxic fumes under fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Use personal protective equipment. Avoid breathing fumes, vapors, mists or gas. Ventilate area. Remove all sources of ignition. Evacuate personnel.

Environmental precautions

Prevent further leakage if safe to do so.

Methods and materials for containment and clean up

Absorb spills on sand or vermiculite and place in closed container for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid prolonged use. Avoid all direct contact with material. Do not breathe dust or vapor. Wash thoroughly after handling.

Conditions for safe storage

Store in a cool, dry, well-ventilated area. Keep container tightly closed.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment

Eye/face protection

Wear protective safety goggles or face shields tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Hand/Skin protection

Avoid all direct contact with product. Wear chemical-resistant gloves. Wear protective clothing and boots. After contact with skin, wash immediately.

Respiratory protection

Ensure adequate ventilation during use. Approved respiratory equipment must be used when airborne concentrations are unknown or exceed the exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	liquid	Odor	stench
Odor Threshold	no data available	Boiling Point	no data available
Melting Point	no data available	Refractive Index	no data available
Flash Point	no data available	Decomposition temperature	no data available
Evaporation rate	no data available	Flammability	no data available
Flammability limits	no data available	Vapor Pressure	no data available
Relative density	no data available	Solubility	no data available
Autoignition temperature	no data available	Partition coefficient: n-octanol/water	no data available
Viscosity	no data available		

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

no data available

Conditions to avoid

no data available

Materials to avoid

Strong oxidizing agents, strong acids, and strong bases.

Hazardous decomposition products

May evolve carbon monoxide, carbon dioxide, sulfur oxides, and hydrogen fluoride.

11. TOXICOLOGICAL INFORMATION**Acute Effects**

no data available

Skin Corrosion/irritation

no data available

Serious eye damage/irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

reproductive toxicity

no data available

STOT- single exposure

no data available

STOT-repeated exposure

no data available

Aspiration hazard

no data available

Exposure routes

Harmful to skin, eyes and respiratory system. May be toxic if inhaled or swallowed.

Further information

To the best of our knowledge, the health hazards of this material have not been fully investigated.

12. ECOLOGICAL INFORMATION**Toxicity**

no data available

Bioaccumulative potential

no data available

PBT and vPvB assessment

no data available

Persistence and degradability

no data available

Mobility in soil

no data available

Other adverse effects

no data available

13. DISPOSAL CONSIDERATIONS

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.

14. TRANSPORT INFORMATION**DOT (US)**

UN number: 2810

Class: 6.1

Packing group: III

Proper shipping name: Toxic, liquids, organic, n.o.s.

IMDG

UN number: 2810

Class: 6.1

Packing group: III

EMS-No: F-A, S-A

Proper shipping name: Toxic, liquids, organic, n.o.s.

Marine pollutant: No

IATA

UN number: 2810

Class: 6.1

Packing group: III

Proper shipping name: Toxic, liquids, organic, n.o.s.

15. REGULATORY INFORMATION

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313.

New Jersey Right to Know Chemicals

This product may contain a chemical on the New Jersey Right to Know Components List.

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California Prop. 65 Components

This product may contain a chemical known to the state of California to cause cancer, birth defects, or other reproductive harm.

16. 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.

8/20/2014