

L-homopropargylglycine: sc-363439



The Power to Question

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: L-homopropargylglycine

Product Number: sc-363439

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. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name: (S)-2-aminoheptanoic acid

CAS No.: 98891-36-2

EC No. / EC index No.: -

Classification: -

R-Phrases:

36/37/38 Mildly irritating to eyes, respiratory system and skin.

Occupational Exposure Limit(s), if available, are listed in section 8.

3. HAZARD IDENTIFICATION

Caution – substance not yet fully tested!

Physical/chemical hazards: Finely dispersed particles are sensitive to dust explosion. Reacts with strongly oxidizing substances.

Environmental hazards: Information not available.

Human health hazards: Mildly irritating to eyes, respiratory system and skin.

Symptoms of (over)exposure: See section 4.

4. FIRST AID MEASURES

Inhalation

Effects: Information not available.

Symptoms: Coughing.

First aid: Remove victim to fresh air. Keep victim at rest. Consult a doctor in event of any complaints.

Skin

Effects: Information not available.

Symptoms: Information not available.

First aid: Remove contaminated clothing. Wash off affected skin with plenty of water and soap. Consult a doctor in event of any complaints.

Eyes

Effects: Mildly irritating.

Symptoms: Redness, pain.

First aid: Wash out with plenty of water with the eyelid held wide open for at least 15 minutes. Consult a doctor.

Ingestion

Effects: Information not available.

Symptoms: Information not available.

First aid: Rinse mouth and throat thoroughly with water, provided victim is conscious. Consult a doctor in event of any complaints.

5. FIRE-FIGHTING MEASURES

Extinguishing measures

Suitable: A.F.F.F., water spray, dry chemical, carbon dioxide.

Not suitable: -

Thermal (de)composition products: Carbon oxides, nitrous vapors.

Protective equipment: Self-contained breathing apparatus. Full protective clothing.

Specific hazards: Finely dispersed particles are sensitive to dust explosion. Emits toxic fumes under fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use appropriate personal protection (see section 8). Prevent forming of dust clouds.

Environmental precautions: Do not allow to enter sewerage system. Do not allow to enter natural waters or soil.

Methods for cleaning up: Use appropriate personal protection (see section 8). Collect spilled material. Clean up affected area with water. Remove all kinds of dust layers. Prevent forming of dust clouds. Finely dispersed particles are sensitive to dust explosion.

See sections 8 and 13

7. HANDLING AND STORAGE

Handling: Use appropriate personal protection (see section 8). Prevent forming of dust clouds. Take precautionary measures against static discharges. Ventilation recommended.

Storage: Keep container tightly closed in a cool, well-ventilated place. Keep container dry. Protect from (sun) light. Store away from oxidizing substances. Store at 4 °C.

Specific use(s): See section 1: use of the substance.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Avoid exposure first of all by technical and/or organizational measures.

Occupational exposure limits

Mac value: Not established.

Other exposure limits: Not established.

Respiratory protection: Airlined respirator or dust mask, type P2.

Hand protection: Practical experience has shown that gloves of natural rubber, polychloroprene (neoprene), nitril rubber, butyl rubber, fluor rubber (Viton) and polyvinyl chloride (PVC) offer sufficient protection against (undissolved) solids.

Breakthrough time: Not known. Replace damaged gloves.

Eye protection: Safety goggles or face shield.

Skin protection: Working clothing.

Environmental exposure controls: Avoid release to the environment.

9. PROPERTIES

Appearance: Solid or crystalline solid

Molecular Weight: 127.14

Formula: C₆H₉NO₂

10. STABILITY AND REACTIVITY

General: Stable under storage conditions (see section 7).

Conditions to avoid: Prevent forming of dust clouds.

Materials to avoid: Strong oxidizing agents.

Hazardous decomposition products: Heat: carbon oxides, nitrous vapors.

11. TOXICOLOGICAL INFORMATION

Information not available.

12. ECOLOGICAL INFORMATION

Information not available.

13. DISPOSAL CONSIDERATIONS

Please check the consequences of national regulations on this product yourself.

Methods of disposal: Combustion in an incinerator for chemical waste.

Contaminated packaging: Contaminated packaging must be disposed of in a safe way.

Danger(s): Finely dispersed particles are sensitive to dust explosion.

14. TRANSPORT INFORMATION

Special precautions: -

Proper shipping name: No dangerous good according to transport regulations.

National transport regulations: No additional national transport regulations are known to the supplier.

15. REGULATORY INFORMATION

Please check the consequences of national regulations on this product yourself.

Contains: L-homopropargylglycine

Indication of danger: Xi. Irritant.

R-phrases:

36/37/38 Mildly irritating to eyes, respiratory system and skin.

S-phrases:

26-36 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.

Caution: substance not yet fully tested!

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.

8/21/2012