

L-Glutamine alpha-tert-butyl ester hydrochloride

sc-295285



The Power to Question

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: L-Glutamine alpha-tert-butyl ester hydrochloride
Product Number: sc-295285
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

Emergency Overview

Harmful by inhalation, in contact with skin, and if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula: C₉H₁₈N₂O₃·HCl
Molecular weight: 238.71
CAS #: 39741-62-3

4. FIRST AID MEASURES

If inhaled

Remove to fresh air. In severe cases or if symptoms persist, seek medical attention.

In case of skin contact

Immediately wash skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation persists, 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

Wash out mouth with copious amounts of water for at least 15 minutes. Seek medical attention.

5. FIREFIGHTING MEASURES

Suitable extinguishing media

In the event of a fire involving this material, alone or in combination with other materials, use dry powder or carbon dioxide extinguishers.

Special protective equipment for firefighters

Protective clothing and self-contained breathing apparatus should be worn.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Wear suitable personal protective equipment which performs satisfactorily and meets local/state/national standards.

Respiratory precaution

Wear approved mask/respirator

Hand precaution

Wear suitable gloves/gauntlets

Skin protection

Wear suitable protective clothing

Eye protection

Wear suitable eye protection

Environmental precautions

Do not allow material to enter drains or water courses.

Methods and materials for containment and clean up

Mix with sand or similar inert absorbent material, sweep up and keep in a tightly closed container for disposal. See section 12.

7. HANDLING AND STORAGE**Precautions for safe handling**

This product should be handled only by, or under the close supervision of, those properly qualified in the handling and use of potentially hazardous chemicals, who should take into account the fire, health and chemical hazard data given on this sheet.

Conditions for safe storage

Keep in closed containers. Store at -20°C.

8. EXPOSURE CONTROL/PERSONAL PROTECTION**Engineering controls**

Use only in a chemical fume hood.

Personal protective equipment

Wear chemical-resistant gloves and safety goggles.

Hygiene measures

Wash hands thoroughly after handling. Wash contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	No data available	Odor	No data available
Melting Point	No data available	Boiling Point	No data available
Flash point	No data available	Density	No data available

10. STABILITY AND REACTIVITY**Materials to avoid**

Oxidizing agents.

Conditions to avoid

Heat, flames, and sparks.

Hazardous combustion products

Carbon monoxide, nitrogen oxides, hydrogen chloride.

11. TOXICOLOGICAL INFORMATION

No data available

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Arrange disposal as special waste, by licensed disposal company, in consultation with coal waste disposal authority, in accordance with national and regional regulations.

14. TRANSPORT INFORMATION

Non-hazardous for air and ground transportation.

15. REGULATORY INFORMATION

Indication of Danger

No data available

Risk Statement

No data available

Safety Statement

In case of contact with eyes rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.

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.

6/2/2014