

trans-Cyclohexane-1,4-dicarboxylic acid monomethyl ester: sc-286834



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: trans-Cyclohexane-1,4-dicarboxylic acid monomethyl ester
Product Number: sc-286834

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

Molecular Formula: C9H14O4
Molecular Weight: 186.21
CAS Number: 15177-67-0

3. Hazards Identification/ Emergency Overview

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral (Category 4)
Skin irritation (Category 2)
Eye irritation (Category 2)
Specific target organ toxicity - single exposure (Category 3)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Harmful if swallowed. Irritating to eyes, respiratory system and skin

Label elements

Labeling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word

Warning

Hazard statement(s)

H302	Harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation

Precautionary statement(s)

P261	Avoid breathing dust
P305+P351+P338	IF IN EYE: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental Hazard Statements

None

According to European Directive 67/548/EEC as amended

Hazard symbol(s)



R-phrase(s)

R22 Harmful if swallowed.

R36/37/38 Irritating to eyes, respiratory system and skin.

S-phrase(s)

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37 Wear suitable protective clothing and gloves

Other hazards None

4. First Aid Measures

Eyes: Flush eyes with plenty of water occasionally lifting the upper and lower lids. Get medical aid.

Skin: Get medical aid. Flush skin with plenty of water while removing contaminated clothing and shoes.

Ingestion: Get medical aid. Wash mouth out with water.

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

5. Fire Fighting Measures

General Information: As in any fire, wear self-contained breathing apparatus 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.

Spills/Leaks: Vacuum or sweep up material and place into suitable disposal container. Avoid generating dusty conditions.

7. Handling and Storage

Handling: Avoid breathing dust, vapor, mist or gas. Avoid contact with eyes, skin.

Storage: Storage temperature: Room temperature and keep container tightly closed in a dry and well-ventilated place.

8. Exposure Controls, Personal Protection

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower. Use adequate ventilation to keep airborne concentrations low.

Personal Protective Equipment

Eyes: Wear chemical safety goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Wear appropriate respirators where necessary.

9. Physical and Chemical Properties

Boiling Point	No data available	Melting Point	Not data available
Solubility in water	Slightly soluble	Vapor Pressure	No data available
Vapor Density	No data available		

10. Stability and Reactivity

Chemical Stability: This product is relatively unstable under normal temperature

Incompatibilities with Other materials: Strong oxidizing agents

Hazardous combustion or Decomposition products: Carbon monoxide, and carbon dioxide.

11. Toxicological Information

Maybe toxic inhalation, in contact with skin and if swallowed.

12. Ecological Information

Not available

13. Disposable Considerations

Dispose of in a manner consistent with federal, state and local regulations.

14. Transport Information

Not available

15. Regulatory Information

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture:

Not available

Chemical Safety Assessment:

Not available

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.

04/03/2013