

N-Acetyl-L-cysteine Allyl Ester: sc-212091



The Power to Question

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: N-Acetyl-L-cysteine Allyl Ester

Product Number: sc-212091

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

Classification under CLP

This product has no classification under CLP.

Label elements under CLP

This product has no label elements.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms: N-Acetyl-L-cysteine 2-Propen-1-yl Ester; N-Acetylcysteine Allyl Ester

Formula: C₈H₁₃NO₃S

Molecular weight: 203.26

CAS #: 145452-04-6

4. FIRST AID MEASURES

If inhaled

Consult a doctor. There may be irritation of the throat with a feeling of tightness in the chest.

In case of skin contact

Wash immediately with plenty of soap and water. There may be mild irritation at the site of contact.

In case of eye contact

Bathe the eye with running water for 15 minutes. There may be irritation and redness.

If swallowed

Wash out mouth with water. There may be irritation of the throat.

Delayed / immediate effects

Immediate effects can be expected after short-term exposure.

Indication of any immediate medical attention and special treatment needed Immediate / special treatment

Not applicable.

5. FIREFIGHTING MEASURES

Suitable extinguishing media

Suitable extinguishing media for the surrounding fire should be used.

Hazardous combustion products

In combustion emits toxic fumes.

Special protective equipment for firefighters

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Refer to section 8 of SDS for personal protection details.

Environmental precautions

Do not discharge into drains or rivers.

Methods and materials for containment and clean up

Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid the formation or spread of dust in the air.

Conditions for safe storage

Store in cool, well ventilated area. Keep container tightly closed. Avoid contact with water or humidity. Store at -20° C.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering measures

Not applicable.

Personal protective equipment

Respiratory protection

Respiratory protective device with particle filter.

Hand protection

Protective gloves.

Skin and body protection

Protective clothing.

Eye protection

Safety glasses. Ensure eye bath is to hand.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Solid
Melting point	42-44°C
Solubility	Acetone, Chloroform, Dichloromethane, Ethanol, Ethyl Acetate, Methanol

10. STABILITY AND REACTIVITY

Chemical reactivity

Stable under recommended transport or storage conditions.

Chemical stability

Stable under normal conditions.

Materials to avoid

Strong acids. Strong oxidizing agents.

Conditions to avoid

Heat.

Hazardous decomposition products

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

11. TOXICOLOGICAL INFORMATION

Toxicity values

Not applicable.

Potential health effects

Skin contact There may be mild irritation at the site of contact.

Eye contact There may be irritation and redness.

Ingestion There may be irritation of the throat.

Inhalation There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects

Immediate effects can be expected after short-term exposure.

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

Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS**Product**

Transfer to a suitable container and arrange for collection by specialised disposal company.

NB

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION**Safety, health and environmental regulations/legislation specific for the substance or mixture**

Not applicable.

Chemical Safety Assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

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.

07/30/2014