

# Allyl b-galactopyranoside: sc-284952



The Power to Question

## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Allyl b-galactopyranoside

**Product Number:** sc-284952

**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

The toxicological properties of this material have not been fully investigated.  
This substance is not classified as dangerous according to Directive 67/548/EEC..

**Target organs:**

None.

**Potential health effects:**

**Eye:** May cause eye irritation.

**Skin:** May cause skin irritation. May be harmful by skin absorption.

**Ingestion:** May be harmful if swallowed.

**Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation.

**Chronic:** No information found.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Synonyms:** (2R,3R,4S,5R,6R)-2-(Allyloxy)-6-(hydroxyMethyl)tetrahydro-2H-pyran-3,4,5-triol

**Formula:** C<sub>9</sub>H<sub>16</sub>O<sub>6</sub>

**Molecular weight:** 220.22

<i>CAS-No.</i>	<i>EC-No.</i>	<i>Index-No.</i>	<i>Concentration</i>
<b>Allyl b-galactopyranoside</b> 2595-07-5	-	-	-

### 4. FIRST AID MEASURES

**Eye contact:**

Immediately flush eye with copious amounts of water for at least 15 minutes. Get medical aid immediately.

**Skin contact:**

Get medical aid. Immediately wash skin with soap and copious amounts of water. Wash contaminated clothing before reuse.

**Inhalation:**

Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Get medical aid.

**Ingestion:**

Never give anything by mouth to an unconscious person. Wash out mouth with water provided person is conscious. Call a physician.

**Notes to Physician:**

Treat symptomatically and supportively.

## 5. FIRE-FIGHTING MEASURES

### Personal precautions:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

### Extinguishing media:

In case of fire use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

## 6. ACCIDENTAL RELEASE MEASURES

### General Information:

Use proper personal protective equipment as indicated in Section 8.

### Personal precautions:

Wear self-contained breathing apparatus, eye protection and gloves. Keep personal hygiene. Avoid dust formation. Avoid breathing vapors, mist or gas.

### Environmental precautions:

Do not let product enter the drains.

### Spills/Leaks:

Sweep up and place the material in appropriate container for disposal. Ventilate area, clean up spills and wash spill site after material pickup is complete, observing precautions in the Protective Equipment section.

## 7. HANDLING AND STORAGE

### Handling:

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Normal measures for preventive fire protection.

### Storage:

Store in a cool, dry, well-ventilated area. Keep container tightly closed. Refrigerate. Keep cold. Store at 4 °C.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

### Personal protection equipment:

#### Eye protection:

Wear appropriate protective safety glasses with side-shields conforming to EN166, chemical safety goggles or face-shield (min. 8-inch) as described by OSHA's eye and face protection regulations. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

#### Skin protection:

Wear appropriate protective gloves to prevent skin exposure, as defined in EU Directive 89/686/EEC and the standard EN 374 derived from it.

#### Body protection:

Appropriate protective clothing, overalls.

#### Respiratory protection:

Where risk assessment indicates air-purifying respirators are required use a dust mask type N95 (US) or type P1 (EN 143) respirator. Respirators and components must be tested and approved under appropriate government standards - NIOSH (US) or CEN (EU).

#### Hygiene measures:

Use good working practices. Wash hands and face thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Solid.	Odor:	No data available.
Odor threshold:	No data available.	pH:	No data available.
Melting point:	No data available.	Boiling point:	No data available.
Flash point:	No data available.	Evaporation rate:	No data available.
Density:	No data available.	Solubility:	No data available.
Auto-ignition temperature:	No data available.	Decomposition temperature:	No data available.
Partition coefficient: n-octanol/water	No data available.	Viscosity:	No data available.

## 10. STABILITY AND REACTIVITY

**Chemical stability:**

Data not available.

**Conditions to avoid:**

Data not available.

**Incompatibilities with other materials:**

Strong oxidizing agents.

**Hazardous decomposition products:**

Carbon oxides.

**Hazardous polymerization:**

Data not available.

## 11. TOXICOLOGICAL INFORMATION

**RTCS #:**

Data not available.

**Carcinogenicity:**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Signs and symptoms of exposure:**

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

**Potential health effects:**

- Eye:** May cause eye irritation.
- Skin:** May cause skin irritation. May be harmful by skin absorption.
- Ingestion:** May be harmful if swallowed.
- Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation.
- Chronic:** No information found.

## 12. ECOLOGICAL INFORMATION

Data not available.

## 13. DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations. Mix or dissolve the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

## 14. TRANSPORT INFORMATION

**DOT (US)**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

## 15. REGULATORY INFORMATION

**European/ International Regulations:** European Labeling in Accordance with EC Directives.

**Hazard Symbols:** -

**R- phrases:** Data not available.

**S- phrases:** Data not available.

**Caution:** Substance not yet tested completely.

## 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.*

3/28/2014