

# Phenylethyl $\beta$ -D-galactopyranoside: sc-222164



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Phenylethyl  $\beta$ -D-galactopyranoside  
**Product Number:** sc-222164  
**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

The toxicological properties of this material have not been investigated. Use appropriate procedures to prevent opportunities for direct contact with the skin or eyes and to prevent inhalation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Formula:** C<sub>14</sub>H<sub>20</sub>O<sub>6</sub>  
**Molecular weight:** 284.31  
**CAS #:** 14861-16-6

### 4. FIRST AID MEASURES

#### If inhaled

No data available

#### In case of skin contact

No data available

#### In case of eye contact

No data available

#### If swallowed

Do not induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

### 5. FIREFIGHTING MEASURES

#### Suitable extinguishing media

No data available

#### Special protective equipment for firefighters

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

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions

Use proper personal protective equipment as indicated in section 8.

#### Methods and materials for containment and clean up

Sweep up, then place into a suitable container for disposal.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

No data available

### Conditions for safe storage

Store in a cool and dry location. Store at -20° C.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

### Engineering measures

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

### Personal protective equipment

#### Respiratory protection

Wear a NIOSH/MSHA or European Standard EN 149 approved full-face piece airline respirator in the positive pressure mode with emergency escape provisions.

#### Skin and body protection

Wear appropriate protective gloves and clothing to prevent skin exposure. Wear appropriate protective clothing to minimize contact with skin.

#### Eye protection

Wear safety glasses and chemical goggles if splashing is possible.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                         |                   |                           |                   |
|-------------------------|-------------------|---------------------------|-------------------|
| Form                    | solid             | pH                        | no data available |
| Vapor pressure          | negligible        | Viscosity:                | no data available |
| Boiling point:          | no data available | Freezing / Melting point: | no data available |
| Flash point:            | no data available | Autoignition temperature: | no data available |
| Lower explosion limits: | no data available | Upper explosion limits:   | no data available |

## 10. STABILITY AND REACTIVITY

### Chemical reactivity

No hazardous polymerization reported.

### Chemical stability

Stable under normal temperatures and pressures.

### Materials to avoid

Oxidizing agents, reducing agents, bases, alkali metals.

### Conditions to avoid

Incompatible materials.

### Hazardous decomposition products

Carbon monoxide, carbon dioxide.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

Selected LD50s and LC50s no data available

### Carcinogenicity

Not listed by ACGIH, IARC, NIOSH, NTP, OR OSHA.

### Additional Information

RTECS#: no data available

## 12. ECOLOGICAL INFORMATION

No data available

## 13. DISPOSAL CONSIDERATIONS

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

#### **14. TRANSPORTATION INFORMATION**

No information available.

#### **15. REGULATORY INFORMATION**

##### **U.S. Federal Regulations**

##### **TSCA:**

Listed on the TSCA inventory.

##### **European/International Regulations**

##### **European labeling in accordance with EC Directives**

##### **Risk phrases:**

none

##### **Safety phrases:**

S24/25 Avoid contact with skin and eyes.

##### **WGK (Water Danger/Protection)**

No data available

##### **Canada - DSL/NDSL**

Listed on Canada's DSL list.

##### **Canadian Ingredient Disclosure List**

Not listed on Canada's Ingredient Disclosure List.

#### **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.*

03/24/2014