

# 2-O-( $\alpha$ -D-Galactopyranosyl)-D-galactose: sc-283255



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** 2-O-( $\alpha$ -D-Galactopyranosyl)-D-galactose

**Catalog number:** sc-283255

**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:** C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>

**Molecular weight:** 342.30

**CAS Number:** 93601-68-4

**EINECS Number:** -

### 3. 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:**

<b>Eye</b>	May cause eye irritation.
<b>Skin</b>	May be harmful by skin absorption. May cause skin irritation.
<b>Ingestion</b>	May be harmful if swallowed.
<b>Inhalation</b>	May be harmful if inhaled. May cause respiratory tract irritation.
<b>Chronic</b>	No information found.

### 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:** 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.

**Spills/Leaks:** Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid dust formation. Do not let product enter drains.

## 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.

**Storage:** Store in a tightly closed container. Store in a dry cool area. Freeze. Keep cold. Store at room temperature. Hygroscopic.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Personal protection equipment:**

**Eyes protection:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations.

**Skin protection:** Wear appropriate protective gloves to prevent skin exposure.

**Respiratory protection:** Follow the OSHA respirator regulations as European Standard EN 149 approved respirator when necessary. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Solid

## 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable under recommended storage conditions.

**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.

**LD50/LC50:** Data not available.

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

**Chronic exposure:**

**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.

**Potential health effects:**

<b>Eye</b>	May cause eye irritation.
<b>Skin</b>	May be harmful by skin absorption. May cause skin irritation.
<b>Ingestion</b>	May be harmful if swallowed.
<b>Inhalation</b>	May be harmful if inhaled. May cause respiratory tract irritation.
<b>Chronic</b>	No information found.

## 12. ECOLOGICAL INFORMATION

Data not yet available.

### **13. DISPOSAL CONSIDERATIONS**

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

### **14. TRANSPORT INFORMATION**

Not classified as hazardous for transport.

### **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.*

7/12/2012