

# D-Xylonic Acid Calcium Salt: sc-221523



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** D-Xylonic Acid Calcium Salt  
**Product Number:** sc-221523  
**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

**Classification:**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008 or GHS.  
Not a hazardous substance or mixture according to EC-Directives 67/548/EEC or 1999/45/EC.

**Labeling and precautionary statements:**

The product does not need to be labeled in accordance with EC directives or respective national laws.

**Hazard statement(s):**

None

**Precautionary statement(s):**

None

**Hazard symbol(s):**

None

**R-phrases(s):**

None

**S-phrases(s):**

None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Formula:** C<sub>10</sub>H<sub>18</sub>CaO<sub>12</sub>  
**Molecular weight:** 370.32  
**CAS #:** 72656-08-7

### 4. FIRST AID MEASURES

**If inhaled**

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

**In case of skin contact**

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

**In case of eye contact**

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

**If swallowed**

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

## 5. FIREFIGHTING MEASURES

### Suitable extinguishing media

In case of fire use water spray, dry chemical, carbon dioxide, or appropriate foam.

### 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

Wear self-contained breathing apparatus, eye protection and gloves. Keep personal hygiene. Avoid dust formation. Use proper personal protective equipment as indicated in Section 8.

### Environmental precautions

Do not let product enter the drains.

### Methods and materials for containment and clean up

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

### Precautions for safe 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.

### Conditions for safe storage

Store in a cool, dry, well-ventilated area. Keep container tightly closed. Freeze. Keep cold. Store at -20°C.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

### Personal protective equipment

#### 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).

#### Hand 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.

#### Skin and body protection

Appropriate protective clothing, overalls.

#### Eye protection

Wear appropriate protective eyeglasses, chemical safety goggles or face-shield (min. 8-inch) as described by OSHA's eye and face protection regulations.

#### 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:	151 - 153° C	Boiling point:	no data available
Flash point:	no data available	Evaporation rate:	no data available
Flammability:	no data available	Explosive limits:	no data available
Vapor pressure:	no data available	Vapor density:	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 reactivity

Polymerization will not occur.

### Chemical stability

Stable under recommended storage conditions.

### Materials to avoid

Strong oxidizing agents.

### Conditions to avoid

no data available

### Hazardous decomposition products

Carbon oxides, calcium oxide.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

no data available

### Skin corrosion/irritation

no data available

### Serious eye damage/eye irritation

no data available

### Respiratory or skin sensitization

no data available

### Germ cell mutagenicity

no data available

### Carcinogenicity

IARC: To the best of our knowledge, this compound has not been identified as a possible or potential human carcinogen by IARC.

### Reproductive toxicity

no data available

### Specific target organ toxicity - single exposure

no data available

### Specific target organ toxicity - repeated exposure

no data available

### Aspiration hazard

no data available

### 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

<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.

### Additional information

RTECS: no data available

## 12. ECOLOGICAL INFORMATION

Data not available.

## 13. DISPOSAL CONSIDERATIONS

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

## 14. TRANSPORT INFORMATION

### DOT (US)

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

## **15. REGULATORY INFORMATION**

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

## **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.*

07/09/2014