

# 1,4-D-Xylobiose: sc-282355



The Power to Question

## MATERIAL SAFETY DATA SHEET

### I. Product and Company Identification

**Product Name:** 1,4-D-Xylobiose  
**Catalog Number:** sc-282355  
**Synonyms:** 4-O-(b-D-Xylopyranosyl)-D-xylose  
**CAS Number:** 6860-47-5  
**Molecular Formula:** C10H18O9  
**Molecular Weight:** 282.24

**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

### SECTION II - HAZARDOUS INGREDIENTS OF MIXTURES

**Principle Hazardous Component(s):**  
**OSHA TWA:** Not Regulated  
**ACGIH TWA (UNITS):** Not Regulated

### SECTION III - PHYSICAL DATA

Bulk Density	~ 1 gm/cc	Boiling Point (C°)	NA
Vapor Pressure (mm Hg)	NA	Vapor Density (Air = 1)	NA
Appearance	powder	Evaporation Rate (n-butyl acetate=1)	NA
Solubility in Water Weight (%)	Freely soluble	Percent Volatile By	NA
Odor	no significant odor		

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** NA  
**Extinguishing Media:** Water  
**Special Fire Fighting Procedures:** None  
**Unusual Fire and Explosion Hazards:** None  
**Flammable Limits:**  
**Lower limit:** Not applicable  
**Upper limit:** Not applicable

### SECTION V - HEALTH HAZARD DATA

**Route(s) of Entry:**  
**Inhalation** as dust  
**Skin** no hazard  
**Ingestion** no hazard

**Carcinogenicity:**  
**NTP** no  
**IARC** no  
**OSHA** no

**Threshold Limit Value:** Not regulated.  
**Effects of Overexposure:** None known  
**Emergency and First Aid Procedures:** None

### SECTION VI - REACTIVITY DATA

**Stability:** Stable at room temperature.  
**Conditions to Avoid:** None known  
**Incompatibility (Materials to Avoid):** Avoid strong oxidants  
**Hazardous Decomposition Products:** None  
**Hazardous Polymerization:** Will not occur

## **SECTION VII - SPILL OR LEAK PROCEDURES**

**Steps To Be Taken In Case Material Is Released or Spilled:** Sweep up and/or flush area clear with water.

**Waste Disposal Method:** Dispose in approved solid waste disposal area per current regulations.

## **SECTION VIII - SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** None generally required.

**Ventilation:** None required.

**Protective Gloves:** Not required.

**Other Protective Clothing or Equipment:** None.

**Eye Protection:** No protection required. Safety glasses good practice.

**Work/Hygiene Practices:** Good housekeeping.

## **SECTION IX - SPECIAL PRECAUTIONS**

**Precautions To Be Taken In Handling and Storing:** Store in a cool, dry area at room temperature.

**Other Precautions:** None

## **SECTION X - TRANSPORTATION**

**Department of Transportation - Classification:** Not applicable.

**Department of Transportation - Identification Number:** Not applicable.

*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.*

4/13/2012