

# 1-Chloro-3,5-di-(p-chlorobenzoyl)-2-deoxy-D-ribofuranose: sc-282057



The Power to Question

## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND THE COMPANY UNDERTAKING

Product Name: 1-Chloro-3,5-di-(p-chlorobenzoyl)-2-deoxy-D-ribofuranose  
Catalog Number: sc-282057  
Supplier: Santa Cruz Biotechnology, Inc.  
2145 Delaware Avenue  
Santa Cruz, California 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: $C_{19}H_{15}Cl_3O_5$	Molecular weight: 429.68	CAS Number: 3601-90-9, 21740-23-8	EINECS Number: -
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### 3. HAZARDS IDENTIFICATION

The toxicological properties of this material have not been fully investigated.

**Risk advice to man and the environment:**

Irritating to eyes, respiratory system and skin.

**Potential health effects:**

Eye:	Causes eye irritation.
Skin:	May be harmful by skin absorption. Causes skin irritation.
Ingestion:	May be harmful if swallowed.
Inhalation:	May be harmful if inhaled. Causes respiratory tract irritation.
Chronic:	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.

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## 5. FIRE-FIGHTING MEASURES

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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 appropriate foam.

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## 6. ACCIDENTAL RELEASE MEASURES

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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.

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## 7. HANDLING AND STORAGE

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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 below -10°C.**

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### **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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Physical state: Solid.  
Appearance: White to off-white.  
Molecular formula:  $C_{19}H_{15}Cl_3O_5$   
Molecular weight: 429.68 g/mol

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10. STABILITY AND REACTIVITY

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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, hydrochloride.
Hazardous polymerization:	Will not occur.

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11. TOXICOLOGICAL INFORMATION

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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.

**Potential health effects:**

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

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12. ECOLOGICAL INFORMATION

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Data not yet available.

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13. DISPOSAL CONSIDERATIONS

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

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14. TRANSPORT INFORMATION

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Not classified as hazardous for transport.

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15. REGULATORY INFORMATION

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European/ International Regulations: European Labelling in Accordance with EC Directives.

Hazard Symbols: **Xi – Irritant.**

**R- phrases:** **R36/37/38** Irritating to eyes, respiratory system and skin.

<b>S- phrases:</b>	<b>S26</b>	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	<b>S36</b>	Wear suitable protective clothing.

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16. ADDITIONAL INFORMATION

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None

***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.***

6/30/2010