

# 2-Methyl-4,5-(3,4,6-tri-O-acetyl-2-deoxy- $\alpha$ -D-glucopyrano)- $\Delta$ 2-oxazoline: sc-209227



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

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

**Product Name:** 2-Methyl-4,5-(3,4,6-tri-O-acetyl-2-deoxy- $\alpha$ -D-glucopyrano)- $\Delta$ 2-oxazoline

**Catalog Number:** sc-209227

**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:**  
 $C_{14}H_{19}NO_8$

**Molecular weight:**  
329.31

**CAS Number:**  
35954-65-5

**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:**

**Eye:**

May cause eye irritation.

**Skin:**

May cause skin irritation.

May be harmful by skin absorption.

**Ingestion:**

May be harmful if swallowed.

**Inhalation:**

May be harmful if inhaled.

May cause 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 alcohol-resistant 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. Avoid dust formation. Do not let product enter drains. |

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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. <b>Keep cold. Store at -20 °C.</b>  |

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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|---------------------------------------|---|
| <b>Personal protection equipment:</b> |   |
| 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:    | Oil   |
| Appearance:        | Yellow  |
| Molecular formula: | C <sub>14</sub> H <sub>19</sub> NO <sub>8</sub> |
| Molecular weight:  | 329.31 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: | Data not available.                          |
| Hazardous decomposition products:       | Carbon oxides, nitrogen oxides (NOx).        |
| Hazardous polymerization:               | Data not available.                          |

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## 11. TOXICOLOGICAL INFORMATION

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RTCS #:  
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:        | May cause eye irritation.   |
| Skin:       | May cause skin irritation.<br>May be harmful by skin absorption.      |
| Ingestion:  | May be harmful if swallowed.  |
| Inhalation: | May be harmful if inhaled.<br>May cause respiratory tract irritation. |

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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: | The product does not need to be labelled in accordance with EC directives or respective national laws. |
| Hazard Symbols:                      | -  |
| <b>R- phrases:</b>                   | -<br>Data not available.   |
| <b>S- phrases:</b>                   | -<br>Data not available.   |

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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.*

8/12/2010