



XINXIANG AURORA BIOTECHNOLOGY CO., LTD.

Tel:+86-0373-3088722 Fax:+86-0373-3088722

No. 348, Pingyuan Road, Xinxiang City, Henan Province, China 453000

www.aurora-biotech.com info@aurora-biotech.com

MSDS of N4-Benzoylcytosine

Section 1 - Chemical Product and Company Identification

| | |
|----------------------|---|
| Product name: | N4-Benzoylcytosine |
| CAS: | 26661-13-2 |
| Company: | XINXIANG AURORA BIOTECHNOLOGY CO., LTD. |
| Telephone: | 086-0373-3088722 |
| Fax: | 086-0373-3088722 |
| E-mail: | info@aurora-biotech.com |

Section 2 - Composition, Information on Ingredients

| | |
|------------------------|-------------|
| Hazard Symbols: | None listed |
| Risk Phrases: | None listed |

Section 3 - Hazards Identification

| Potential Health Effects | |
|--------------------------|---|
| Eye: | May cause eye irritation. |
| Skin: | May cause skin irritation. May be harmful if absorbed through the skin. |
| Ingestion: | May cause irritation of the digestive tract. May be harmful if swallowed. |
| Inhalation: | May cause respiratory tract irritation. May be harmful if inhaled. |
| Chronic: | |

Section 4 - First Aid Measures

| | |
|-------------------|---|
| Eye: | Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid. |
| Skin: | Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. |
| Ingestion: | Get medical aid. Wash mouth out with water. |



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| | |
|----------------------------|---|
| Inhalation: | Remove from exposure and move to fresh air immediately. |
| Notes to Physician: | Treat symptomatically and supportively. |

Section 5 - Fire Fighting Measures

| | |
|-----------------------------|--|
| General Information: | As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. |
| Extinguishing Media: | Use water spray, dry chemical, carbon dioxide, or chemical foam. |

Section 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. Avoid generating dusty conditions. |

Section 7 - Handling and Storage

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|------------------|--|
| Handling: | Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. |
| Storage: | Store in a tightly closed container. Store in a dry area. |

Section 8 - Exposure Controls, Personal Protection

| Personal Protective Equipment | |
|--------------------------------------|--|
| Eye: | Wear chemical splash goggles. |
| Skin: | Wear appropriate protective gloves to prevent skin exposure. |
| Clothing: | May cause irritation of the digestive tract. May be harmful if swallowed. |
| Inhalation: | Wear appropriate protective clothing to prevent skin exposure. |
| Respirators: | Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a |

| | |
|--|--|
| | NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. |
|--|--|

Section 9 - Physical and Chemical Properties

| | |
|-----------------------------------|--|
| Physical State: | Powder |
| Color: | White |
| Odor: | Odorless |
| pH: | Not available |
| Vapor Pressure: | Not available |
| Boiling Point: | Not available |
| Freezing/Melting Point: | Not available |
| Autoignition Temperature: | Not available |
| Flash Point: | Not available |
| Explosion Limits: Lower: | Not available |
| Explosion Limits: Upper: | Not available |
| Decomposition Temperature: | Not available |
| Solubility in Water: | Soluble |
| Specific Gravity/Density: | Not available |
| Molecular Formula: | C ₁₁ H ₉ N ₃ O ₂ |
| Molecular Weight: | 215.208 |

Section 10 - Stability and Reactivity

| | |
|--|---|
| Chemical Stability: | Not available |
| Conditions to Avoid: | Incompatible materials |
| Incompatibilities with Other Materials: | Strong oxidizing agents. |
| Hazardous Decomposition Products: | Nitrogen oxides, carbon monoxide, carbon dioxide. |
| Hazardous Polymerization: | Has not been reported. |

Section 11 - Toxicological Information

| | |
|-------------------------|------------|
| RTECS#: | Not listed |
| LD50/LC50: | Not listed |
| Carcinogenicity: | Not listed |



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Other:

The toxicological properties have not been fully investigated.

Section 12 - Ecological Information

Not available

Section 13 - Disposal Considerations

Disposal must be made according to official regulations.

Section 14 - Transport Information

| | IATA | IMO | RID/ADR |
|-----------------------|---------------|---------------|---------------|
| Shipping Name: | Not available | Not available | Not available |
| Hazard Class: | | | |
| UN Number: | | | |
| Packing Group: | | | |

Section 15 - Regulatory Information

Not listed

Section 16 - Other Information

MSDS Creation Date: 01/06/2017
Revision #0 Date Original:

