

MATERIAL DATA SAFETY SHEET

BIO- Cat No. 45-H38



1. PRODUCT AND COMPANY INFORMATION

| | |
|------------------|---|
| Product Name: | BIO |
| Cat No: | 45-H38 |
| Company: | Reagents Direct 161 Melrose Ave Encinitas, CA 92024 |
| Emergency Phone: | (760) 230-8608 |

2. COMPOSITION

| | |
|------------------|------------------------|
| Formula | $C_{16}H_{10}BrN_3O_2$ |
| Molecular Weight | 356.2 |
| CAS No. | 667463-62-9 |

3. HAZARDS IDENTIFICATION – POTENTIAL HEALTH EFFECTS

| | |
|------------|--|
| Eye | May cause skin irritation. |
| Skin | May cause skin irritation; may be harmful if absorbed through the skin. |
| Inhalation | Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if swallowed. |
| Ingestion | May be harmful if swallowed. |

4. FIRST AID MEASURES

| | |
|------------|--|
| Eyes | Check for and remove contact lenses. In case of contact, immediately flush thoroughly with water for at least 15 minutes. Call a physician. |
| Skin | In case of contact, immediately flush skin with copious amounts of water. Remove contaminated clothing and shoes and wash before use. Contact a physician. |
| Ingestion | If swallowed, wash mouth out with water provided that the person is conscious. Do not induce vomiting. Loosen tight clothing. Contact a physician. |
| Inhalation | If inhaled, remove person to fresh air. If not breathing, give artificial respiration, with proper PPE. If breathing is difficult, call a physician. |

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5. FIRE FIGHTING MEASURES

Suitable extinguishing media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Wear self-contained breathing apparatus for fire-fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

Environmental Precautions

Do not let product enter drains.

Methods for containment

Pick up and arrange disposal without creating dust. Keep in a suitable, closed container for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust has formed. Follow normal measures for preventative fire protection.

Conditions for Safe Storage

Keep container tightly closed in a dry and well-ventilated place. Store at -20 degrees Celsius. Keep in a dry place.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Hand Protection

Handle with gloves.

Eye Protection

Safety glasses with side-shields conforming to EN166

Skin and Body Protection

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the work day.

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9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---------------|-----------------------|
| Appearance | Physical State; solid |
| Melting Point | No Data Available |
| Boiling Point | No Data Available |
| Flash Point | No Data Available |
| Solubility | No Data Available |

10. STABILITY AND REACTIVITY

| | |
|----------------------------------|---|
| Chemical Stability | Stable under recommended storage conditions. |
| Conditions to Avoid | Sensitive to light. |
| Hazardous Decomposition Products | These products are carbon oxides (CO, CO ₂), nitrogen oxides (NO, NO ₂) |

11. TOXICOLOGICAL INFORMATION

| | |
|----------------------------|-------------------|
| Acute Toxicity | No Data Available |
| Skin Corrosion/ Irritation | No Data Available |
| Serious Eye Damage | No Data Available |
| Respiratory or skin damage | No Data Available |

12. ECOLOGICAL INFORMATION

| | |
|-------------------------|--|
| Ecotoxicity | No Data Available |
| Toxicity Biodegradation | The product and its products of degradation are not toxic. |

13. DISPOSAL CONDITIONS

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|-----------------------|---|
| Waste Disposal Method | Waste must be disposed of in accordance with federal, state and local government control regulations. |
|-----------------------|---|

14. TRANSPORT INFORMATION

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|----------------------|---|
| Proper Shipping Name | None |
| Hazard Class | This product is considered non-hazardous for transport. |

15. REGULATORY INFORMATION

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|--|---|
| U.S. Federal Regulations | SARA 313 – Not SARA Listed |
| U.S. State Regulations | California Proposition 65 – No products were found. |
| WHMIS Hazard Class – Not controlled under WHMIS (Canada) | |

16. OTHER INFORMATION

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Notice – The above information is believed to be correct but does not purport to be all inclusive and shall be used as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to safety precautions. It does not represent any guarantee of the properties of the product. Reagents Direct shall not be held liable for any damage resulting from handling from contact with the product. See Reagents Direct website for terms and conditions for sale.

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