

Deoxyarbutin

Catalog No. DC-0221

MATERIAL SAFETY DATA SHEET

Section 1 - Product and Company Information

Product Name : Deoxyarbutin (4-[(Tetrahydrofuran-2-yl)oxy]phenol)

Manufacture: Henan Bis-biotech Co.,Ltd

Section 2 - Composition/Information on Ingredient

Formula C₁₁H₁₄O₃

Chemical Reagent

Synonyms: Deoxyarbutin

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

HMS RATING

HEALTH: 3

FLAMMABILITY: 0

REACTIVITY: 0

NFPA RATING

Section 4 - First Aid Measures

ORAL EXPOSURE

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

INHALATION EXPOSURE

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

DERMAL EXPOSURE

In case of skin contact, flush with copious amounts of water for at least 15 minutes.

Remove contaminated clothing and shoes. Call a physician.

EYE EXPOSURE

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Section 5 - Fire Fighting Measures

FLASH POINT

N/A

AUTOIGNITION TEMP

Henan Bis-biotech Co.,Ltd
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N/A

FLAMMABILITY

N/A

EXTINGUISHING MEDIA

Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

FIREFIGHTING

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Specific Hazard(s): Emits toxic fumes under fire conditions.

Section 6 - Accidental Release Measures

PROCEDURE TO BE FOLLOWED IN CASE OF LEAK OR SPILL

Evacuate area.

PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

METHODS FOR CLEANING UP

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7 - Handling and Storage

HANDLING

User Exposure: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

STORAGE

Suitable: Keep dry and dark. Store at 2-8°C.

Section 8 - Exposure Controls / PPE

ENGINEERING CONTROLS

Mechanical exhaust required.

PERSONAL PROTECTIVE EQUIPMENT

Other: Wear appropriate government approved respirator, chemical-resistant gloves, safety goggles, other protective clothing.

GENERAL HYGIENE MEASURES

Wash thoroughly after handling.

Section 9 - Physical/Chemical Properties

Appearance Physical State: Solid

Property Value At Temperature or Pressure

Molecular Weight: 194.23 AMU

pH: N/A

BP/BP Range: N/A

MP/MP Range: N/A

Freezing Point: N/A
Vapor Pressure: N/A
Vapor Density: N/A
Saturated Vapor Conc.: N/A
SG/Density: N/A
Bulk Density: N/A
Odor Threshold: N/A
Volatile (%): N/A
VOC Content: N/A
Water Content: N/A
Solvent Content: N/A
Evaporation Rate: N/A
Viscosity: N/A
Surface Tension: N/A
Partition Coefficient: N/A
Decomposition Temp.: N/A
Flash Point: N/A
Explosion Limits: N/A
Flammability: N/A
Autoignition Temp.: N/A
Refractive Index: N/A
Optical Rotation: N/A
Miscellaneous Data: N/A
Solubility: N/A
N/A = not available

Section 10 - Stability and Reactivity

STABILITY

The product is stable.

MATERIAL TO AVOID

Strong acids, Strong bases.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide, Carbon dioxide, Nitrogen oxides, Sulfur oxides.

HAZARDOUS POLYMERIZATION

Will not occur.

Section 11 - Toxicological Information

ROUTE OF EXPOSURE

Skin Contact: No data for determination of unusual hazard from skin contact are available at this time.

Skin Absorption: This material is soluble in water. Absorption through intact or abraded skin is possible and may cause systemic toxicity.

Eye Contact: May cause eye irritation.

Inhalation: Not harmful by definition based on LD50. A full description of adverse side effects can be found in section 11, the package insert or the Physician's Desk Reference.

Ingestion: Not harmful by definition based on LD50. A full description of adverse side effects can be found in section 11, the package insert or the Physician's Desk Reference.

CONDITIONS AGGRAVATED BY EXPOSURE

The toxicological properties have not been thoroughly investigated.

Section 12 - Ecological Information

No data available.

Section 13 - Disposal Considerations

APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION

Contact a licensed professional waste disposal service to dispose of this material.

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

Section 14 - Transport Information

DOT CLASSIFICATION

Not a DOT controlled material (United States).

PROPER SHIPPING NAME

None

NON-HAZARDOUS FOR TRANSPORT

This substance is considered to be non-hazardous for transport.

NON-HAZARDOUS FOR AIR TRANSPORT

Non-hazardous for air transport.

Section 15 - Regulatory Information

US CLASSIFICATION AND LABEL TEXT

US Statements: Caution: The chemical, physical, and toxicological properties of this product have not been thoroughly investigated.

SARA LISTED

No

Section 16 - Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume

no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.