

1 Identification

Product Name: meta-Topolin

Catalog Number: T039

Company: Caisson Laboratories

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Recommended Use: For research and laboratory use only.

Restrictions On Use: This product is intended for research and laboratory use only. Products are not to be used as human or animal therapeutics, cosmetics, agricultural or pesticidal products, food additives, or as household chemicals

2 Hazard(s) Identification

Classification of the Substance or Mixture

GHS Classification: H302 - Acute toxicity, Oral (Category 4)

H312 - Acute toxicity, Dermal (Category 4)

H332 - Acute toxicity, inhalation (Category 4)

GHS Label elements, including precautionary statements

Signal Word: Warning

Hazard Statements

H302 - Harmful if swallowed.

H312 - Harmful in contact with skin.

H332 - Harmful if inhaled.

Precautionary Statements

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Pictograms:



3 Composition / Information on Ingredients

Synonyms: 6-(3-Hydroxybenzylamino)purine; mT; N6-(m-Hydroxybenzyl)adenine

Formula: C₁₂H₁₁N₅O

Molecular Weight (g/mol): 241.25

CAS Number: 75737-38-1

EC Number:

4 First-Aid Measures

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Route of Exposure

If swallowed: If swallowed, wash out mouth with water. Never give anything by mouth to an unconscious person. Seek medical attention.

In case of skin contact: Wash area thoroughly with soap and water. Remove and wash contaminated clothing. Seek medical attention if irritation persists.

In case of eye contact: Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Seek medical attention if irritation persists.

If inhaled: Safely remove victim to fresh air. If not breathing, institute cardiopulmonary resuscitation (CPR). If breathing is difficult, ensure clear airway and give oxygen. Seek medical attention.

Most important symptoms and effects, both acute and delayed: See section 2 and/or section 11.

Recommendation for immediate medical care and special treatment needed: No data available.

5 Fire-Fighting Measures

Suitable extinguishing media: Use water spray, carbon dioxide, dry chemical powder, or appropriate foam. Use extinguishing media suitable for surrounding fire.

Special protective equipment and precautions for fire-fighters: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Special hazards arising from the substance or mixture: May emit toxic fumes under fire conditions.

Additional Information: No data available.

6 Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures:

Environmental precautions: Use personal protection recommended in Section 8. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation, especially in confined areas. Evacuate personnel to safe areas. Avoid breathing dust.

Methods and material for containment and cleanup: Wear suitable protective clothing. Avoid dust formation. Carefully sweep up and remove. Place material in a dry container and cover. Remove from the area. Flush spill area with water. Do not let products enter drains.

7 Handling and Storage

Precautions for safe handling: Avoid contact with skin and eyes. Avoid dust formation and aerosols. Avoid incompatible substances. Wash thoroughly after use.

Conditions for safe storage: Keep in a tightly closed container and store in a cool, dry, and well-ventilated area.

Recommended storage temperature: Store at or below -20°C.

Incompatibilities: Strong oxidizing agents, strong acids.

8 Exposure Controls / Personal Protection

OSHA Permissible Exposure Limits (PELs): No data available.

ACGIH Threshold Limit Values (TLVs): No data available.

Engineering controls: A system of local and/or general exhaust is recommended.

Personal Protective Equipment (PPE)

Eye/face protection: Wear chemical safety glasses or goggles. Have eye-washing facilities readily available where eye contact can occur.

Skin protection: Wear protective gloves.

Respiratory protection: A NIOSH/MSHA approved air purifying respirator is recommended where airborne concentrations are expected to exceed exposure limits. Protection provided by purifying respirators is limited.

Body protection: Wear lab coat, gown, or coveralls to protect from exposure.

9 Physical and Chemical Properties

Appearance: White to off-white powder

pH: No data available.

Solubility: Soluble in NaOH or KOH

Specific Gravity: No data available.

Melting Range: 284°C - 286°C.

Odor: No data available.

Odor Threshold: No data available.

Viscosity: No data available.

Relative Density: No data available.

Evaporation Rate: No data available.

Initial Boiling Point and Boiling Range: No data available.

Flash Point: No data available.

Flammability (Solid, gas): No data available.

Flammability Upper/Lower Limits: No data available.

Partition Coefficient: n-octanol/water: No data available.

Vapor Density: No data available.

Vapor Pressure: No data available.

Auto-ignition Temperature: No data available.

Decomposition Temperature: No data available.

10 Stability and Reactivity

Reactivity: No data available.

Chemical stability: Stable under normal conditions of use.

Possibilities of hazardous reactions: No data available.

Conditions to avoid: No data available.

Incompatible materials: Strong oxidizing agents, strong acids.

Hazardous decomposition products: Carbon dioxide, carbon monoxide, nitrogen oxides.

11 Toxicological Information

Toxicity: No data available.

Carcinogenicity

NTP: No

IARC: No

OSHA: No

Reproductive toxicity: No data available.

Symptoms associated with overexposure: Irritation, sneezing, gastrointestinal upset.

Specific target organ toxicity - single exposure: No data available.

Specific target organ toxicity - repeated exposure: No data available.

Target Organs: No data available.

Medical conditions aggravated by exposure: No data available.

Routes of entry: Inhalation, Ingestion

NIOSH/RTECS: Not Listed

12 Ecological Information

Toxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Results of PBT and vPvB: No data available.

Other adverse effects: No data available.

13 Disposal Considerations

Disposal of Product: Dispose in accordance with all applicable federal, state, and local environmental regulations.

Disposal of Packaging: Dispose in accordance with all applicable federal, state, and local environmental regulations.

14 Transport Information

DOT (US)

Proper Shipping Name: CHEMICALS, N.O.S (NON-REGULATED)

UN/NA number: N/A Class: N/A Packaging group: N/A Hazard Label: N/A

Reportable Quantity (RQ): N/A

Poison Inhalation Hazard: N/A

IMDG

Proper Shipping Name: CHEMICALS, N.O.S. (NON-REGULATED)

UN number: N/A Class: N/A Packaging group: N/A Hazard Label: N/A

IATA

Proper Shipping Name: CHEMICALS, N.O.S. (NON-REGULATED)

UN Number: N/A Class: N/A Packaging group: N/A Hazard Label: N/A

15 Regulatory Information

TSCA: Not Listed

SARA Title III

Section 302 (EHS) Ingredients: No

Section 313 Ingredients: No

Section 304 (EHS/CERCLA) Ingredients: No

Section 311/312 Hazard: No SARA Hazards

16 Other Information

HMIS Rating

Health hazard: 1

Chronic health hazard:

Flammability: 0

Physical hazard: 0

NFPA Rating

Health hazard: 1

Fire hazard: 0

Reactivity: 0

Special Hazard:

Further information: All chemicals may pose unknown hazards and should be used with caution. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, Caisson Laboratories, Inc. assumes no responsibility for the completeness or accuracy of the information contained herein.

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