



SIGMA-ALDRICH

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Material Safety Data Sheet

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Version 1.30

Section 1 - Product and Company Information

Product Name: Biocytin
Product Number: B4261
Brand: Sigma Chemical

Company: Sigma-Aldrich
Street Address: 3050 Spruce Street
City, State, Zip, Country: SAINT LOUIS, MO 63103 US
Technical Phone: 800-325-5832
Fax: 800-325-5052

Emergency Phone: 314-776-6555

Section 2 - Composition/Information on Ingredient

Substance Name, CAS #, SARA 313, EC no, Annex I Index Number

BIOCYTIN FREE BASE

576-19-2

No

Formula: C16H28N4O4S
Synonyms

Section 3 - Hazards Identification

HMIS Rating: Health: 0, Flammability: 0, Reactivity: 0

NFPA Rating: Health: 0, Flammability: 0, Reactivity: 0

For additional information on toxicity, please refer to Section 11.

Section 4 - First Aid Measures

Section 5 - Fire Fighting Measures

Autoignition Temp: 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.

Section 6 - Accidental Release Measures

Methods for Cleaning Up

Wash spill site with soap solution. Flush spill area with copious amounts of water. Place in appropriate container. Avoid raising dust.

Personal Protective Equipment

Respiratory

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks.

Eye

Chemical safety goggles.

Section 9 - Physical/Chemical Properties

Appearance: Very faintly beige
Color: Very faintly beige
Form: Powder

Molecular Weight: 372.5 AMU

pH: N/A
BP/BP Range: N/A
MP/MP Range: 245 °C
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
Partition Coefficient: N/A
Decomposition Temp.: N/A
Flash Point °F: N/A
Flash Point °C: N/A

Explosion Limits: N/A

Flammability: N/A
Autoignition Temp: N/A
Optical Rotation: Degree of Rotation: +70 - +59 (+/-2)

Solubility: N/A

N/A = not available
Hazardous Decomposition Products: Hazardous Decomposition Products
When heated to decomposition it may emit:

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Safety and Environmental Health

Solvent: 0.1 M NaOH 10 g/l

Hazardous Exothermic Reactions
Hazardous Exothermic Reactions
Will not occur.

RTECS Number: N/A

Section 12 - Ecological Information

No data available.

Section 13 - Disposal Considerations

Appropriate Method of Disposal of Substance or Preparation

Small amounts may be washed down the drain with excess water.

Observe all federal, state, and local environmental regulations.

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Section 14 - Transport Information

DOT

Proper Shipping Name: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA

Non-Hazardous for Air Transport: Non-hazardous for air transport.

Section 15 - Regulatory Information

United States Regulatory Information

SARA Listed: No

Canada Regulatory Information

WHMIS Classification

This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

DSL: No

NDSL: No

Section 16 - Other Information

Disclaimer

For R&D use only. Not for drug, household or other uses.

Warranty

The above information is believed to be correct but does not purport to be all inclusive and shall be used only 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 appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Inc., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. Copyright 2006 Sigma-Aldrich Co. License granted to make unlimited paper copies for internal use only.

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