

5-Iodocytidine: sc-202426



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: 5-Iodocytidine
Catalog number: sc-202426
Synonyms: 1-b-D-Ribofuranosyl-5-iodocytosine
Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800
Emergency: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS Number: 1147-23-5
Molecular Formula: C₉H₁₂IN₃O₅
Molecular Weight: 369.1
EINECS Number: -

3. HAZARDS IDENTIFICATION

Potential health hazards:

Avoid contact with eyes or skin. Avoid contact with clothing. Wash thoroughly after handling.

4. FIRST AID MEASURES

Eye contact: Immediately flush eye with copious amounts of water, occasionally lifting upper and lower lids, until no evidence of chemical remains. Get medical attention immediately.

Skin contact: Remove contaminated clothing, jewelry and shoes immediately. Wash skin with soap or mild detergent and copious amounts of water. Wash contaminated clothing before reuse. Get medical advice.

Inhalation: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen.

Ingestion: Wash out mouth with water provided person is conscious. Call a physician.

5. FIRE-FIGHTING MEASURES

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

Special fire fighting procedures: Avoid inhalation of material or combustion byproducts. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear protective gloves.

Environmental precautions: Collect spilled material in appropriate container for disposal.

Methods for cleaning up: Ventilate area and wash spill site after material has been swept up.

7. HANDLING AND STORAGE

Store and handle in accordance with all current regulation and standards. Storage recommendations: 2-8 °C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protection equipment:

Eye protection: Chemical safety goggles recommended.

Hand protection: Rubber gloves recommended.

Respiratory protection: Under conditions of frequent use or heavy exposure, respiratory protection may be needed. Use NIOSH/MSHA-approved respirator.

General:

Avoid inhalation. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling. Keep tightly closed. No occupational exposure limits established.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid.

10. STABILITY AND REACTIVITY

Materials to avoid: Oxidizing agents.

Hazardous decomposition products: Oxides of carbon.

Polymerization: Will not polymerize.

11. TOXICOLOGICAL INFORMATION

Data not available.

12. ECOLOGICAL INFORMATION

Data not yet available.

13. DISPOSAL CONSIDERATIONS

Observe all federal, state and local environmental regulations.

14. TRANSPORT INFORMATION

Non hazardous material for transport.

15. REGULATORY INFORMATION

European/International Regulations: European Labeling in Accordance with EC Directives

Hazard Symbols: -

R-phrases:

Not available.

S-phrases:

S22 Do not breathe dust.

S24/25 Avoid contact with skin and eyes.

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

10/14/2011