

MATERIAL SAFETY DATA SHEET

5-(Acetylamino)-N,N'-bis(2,3-dihydroxypropyl)-2,4,6-triiodo-1,3-benzenedicarboxamide: sc-206970



The Power to Question

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name: 5-(Acetylamino)-N,N'-bis(2,3-dihydroxypropyl)-2,4,6-triiodo-1,3-benzenedicarboxamide
Product code: sc-206970
Company: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, California 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

Substance/preparation: Substance
Component(s): 5-Acetamido-N,N'-bis(2,3-dihydroxypropyl)-2,4,6-triiodoisophthalamide
Percent:
CAS Number: 31127-80-7
Synonyms: 5-Acetamido-N,N'-bis(2,3-dihydroxypropyl)-2,4,6-triiodo-1,3-benzenedicarboxamide
Chemical characterization: **Chemical Formula:** $C_{16}H_{20}I_3N_3O_7$
Notice Through Official Gazettes Reference Number
ENCS: Not Listed
ISHL: 4-(7)-2124

3. HAZARDS IDENTIFICATION

Most important hazards
Properties affecting health: Irritating to eyes, respiratory system and skin.
Physico-chemical properties: Combustible substance. Keep away from fire.
Specific hazards: No information available.
Name of Classification : Not applicable to the criteria for classification.
(Classification standard is Japanese style)

4. FIRST AID MEASURES

Inhalation: Move to fresh air. Consult a physician.
Skin contact: Take off all contaminated clothing immediately. The area that contacted the product should be washed with cold or lukewarm running water. It should be washed thoroughly with soap. If the appearance of the exposed skin has changed or pain persists, medical treatment should be arranged.
Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Even though no acute ache nor appearance change is observed, be sure to receive a doctor's diagnosis. Some disorders may appear later on.
Ingestion: Rinse mouth. Call a physician immediately.
Protection of first-aiders: A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: dry chemical, foam, water spray, carbon dioxide.
Specific hazards: Take care as it may decompose upon combustion or in high temperatures to generate poisonous fume.

5. FIRE-FIGHTING MEASURES

Specific methods:	Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. In case of a small fire in a confined area, movable containers should be promptly evacuated. Uninvolved persons should evacuate to a safe place. Immediately remove all sources of combustion. Measures should be taken to contain the water-discharge for fire-fighting lest those substances which affect the environment should leak.
Special protective equipment for firefighters:	When extinguishing fire, be sure to wear personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Use personal protective equipment. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc. Fire-extinguishing devices should be prepared in case of a fire.
Environmental precautions:	Prevent product from entering drains.
Methods for cleaning up:	Sweep dust to collect it into an air-tight vessel, taking care not to disperse it. Adhered or collected material, etc. should be promptly disposed of, in accordance with appropriate laws and regulations.
Prevention of secondary hazards:	Remove all sources of ignition. Fire-extinguishing devices should be prepared in case of a fire.

7. HANDLING AND STORAGE

Handling

Technical measures:	Handling is performed in a well ventilated place. Wear suitable protective equipment. Handle with care to avoid dust dispersion. Wash hands and face before breaks and immediately after handling the product.
Precautions:	Handle in a local exhaust unit to prevent dust and aerosol from being generated.
Advice on safe handling:	Avoid contact with skin, eyes and clothing.

Storage

Storage conditions:	Seal the container air-tight and store it in a cool dark place. Keep it away from fire sources, such as fire or heat source.
Packaging material:	Law is followed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:	Install an airtight equipment or a local exhaust unit so that workers should not be exposed directly. Also install an equipment for washing eyes and body near the place is handled.
Control parameters:	Not set up.

Personal protective equipment

Respiratory protection:	A dust mask, a simple dust mask, etc.
Hand protection:	Protective gloves.
Eye protection:	Safety glasses. A face-shield, if the situation requires.
Skin and body protection:	Protective clothing. An apron, boots, etc. according to the situation.
Special instructions for protection and hygiene:	After handling, wash hands and gargle well.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical State (20 °C):

Form:	Solid
Appearance:	Crystal ~ Powder
Color:	White to off-white
Odor:	No data available

pH: No data available.

Information on changes in the physical state

Boiling Point/Range:	No data available
Melting Point:	275 °C

Flash Point: No data available

9. PHYSICAL AND CHEMICAL PROPERTIES:

Explosive properties

Explosive Lower: No data available

Explosive Upper: No data available

Density: No data available

Solubility: No data available.

10. STABILITY AND REACTIVITY

Stability: Stable at normal conditions.

Reactivity: No special reactivity has been reported.

Materials to avoid: oxidizing agents

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Nitrogen oxides (NOx), Hydrogen Iodide

11. TOXICOLOGICAL INFORMATION

Acute toxicity: No information available

Local effects: Irritating to eyes, respiratory system and skin.

12. ECOLOGICAL INFORMATION

Mobility: No information available.

Persistence / degradability: No information available

Bioaccumulation: No information available

13. DISPOSAL CONSIDERATIONS

Wear appropriate personal protective clothing.

In accordance with local and national regulations

If the substance is burned for disposal, it should be burned in a furnace equipped with an afterburner and a scrubber after resolving it a combustible solvent.

Empty the contents thoroughly before disposing of a container.

If the substance is difficult to be disposed of, (e.g. by reason that there is no waste disposal facility), it should be committed to an authorized industrial waste processing agent.

14. TRANSPORT INFORMATION

Hazards Class: Does not correspond to the classification standard of the United Nations

UN-No: Not Listed

Specific precautionary transport measures and conditions: When transporting the product, confirm that there is no leakage from the vessel. Load with care lest it should collapse, tumble, fall, or be damaged.

15. JAPANESE REGULATORY INFORMATION

- Not applicable

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.