

3,6-Dinitronaphthalic Anhydride: sc-209724



The Power to Question

MATERIAL SAFETY DATA SHEET

1 – Product Information

Product Name: 3,6-Dinitronaphthalic Anhydride

Product Number: sc-209724

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

Product Name: 5,8-Dinitro-benzo[de]isochromene-1,3-dione

Formula: C₁₂H₄N₂O₇

Molecular Weight: 288.169 AMU

3 – Hazards Identification

SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT: Harmful if swallowed or inhaled.

4 – First Aid Measures

AFTER INHALATION: If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

AFTER SKIN CONTACT: In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

AFTER EYE CONTACT: 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.

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

5 – Fire Fighting Measures

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

SPECIAL RISKS: Emits toxic fumes under fire conditions.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6 – Accidental Release Measures

PERSONAL PRECAUTION PROCEDURES TO BE FOLLOWED IN CASE OF LEAK OR SPILL: Evacuate area.

PROCEDURE(S) OF PERSONAL PRECAUTION(S): Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

METHODS FOR CLEANING UP: Wipe dry, place a rag in a bag and hold for waste disposal. Avoid fumes inhaling. Ventilate area and wash spill site after material pickup is complete.

7 – Handling and Storage

HANDLING: Directions for Safe Handling: Do not breathe vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

STORAGE: Keep tightly closed. Keep in room temperature not in direct light.

8 – Exposure Controls / Personal Protection

ENGINEERING CONTROLS: Safety shower and eye bath. Mechanical exhaust required.

GENERAL HYGIENE MEASURES: Wash thoroughly after handling.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Government approved respirator.

Hand Protection: Compatible chemical-resistant gloves.

Eye Protection: Chemical safety goggles.

9 – Physical and Chemical Properties

pH N/A

Flash Point N/A

Autoignition Temp N/A

Explosive Properties N/A

Vapor Pressure N/A

Partition Coefficient N/A

Vapor Density N/A

Evaporation Rate N/A

Decomposition Temp. N/A

Water Content N/A

Conductivity N/A

Solubility N/A

MP/MP Range 217°C

Flammability N/A

Oxidizing Properties N/A

Explosion Limits N/A

SG/Density N/A

Viscosity N/A

Saturated Vapor Conc. N/A

Bulk Density N/A

Solvent Content N/A

Surface Tension N/A

Miscellaneous Data N/A

10 – Stability and Reactivity

STABILITY

Stable: Stable.

Materials to Avoid: Strong oxidizing agents, Strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, Carbon dioxide, Nitrogen oxides.

HAZARDOUS POLYMERIZATION: Will not occur

11 – Toxicological Information

N/A

12 – Ecological Information

N/A

13 – Disposal Considerations

SUBSTANCE DISPOSAL: 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.

14 – 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.

4/7/2011