

N-Amyl-N-methylnitrosamine: sc-212118



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - General Information

Chemical Name:

N-Amyl-N-methylnitrosamine

CAS Reg. Number:

13256-07-0

Catalog Number:

sc-212118

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

Section 2 - Hazardous Ingredients/Identity Information

The toxicological properties of this compound have not been thoroughly investigated. Exercise due care. Possible carcinogen

Section 3 - Physical/Chemical Characteristics

Boiling Point:

N/A

Form:

Oil

Vapor Pressure:

N/A

Specific Gravity(H₂O=1):

N/A

Molecular Formula:

C₆H₁₄N₂O

Solubility in Water:

N/A

Boiling Point:

45-47° C

Evaporation Rate (ButylAcetate=1):

N/A

Vapor Density:

N/A

Molecular Weight:

130.19

Section 4 - Reactive Data

Stability:

Store at 4° C.

Incompatibility (Materials to Avoid):

Strong oxidizing agents

Conditions to Avoid:

Strong oxidizing agents, and light

Hazardous Decomposition or Byproducts:

toxic fumes of carbon monoxide, carbon dioxide and nitrogen oxides

Hazardous Polymerization:

N/A

Section 5 - Control Measures

Respiratory Protection:

Niosh/Msha approved respirator

Protective Gloves:

Chemical resistant gloves

Other Protective Clothing:

Lab coat or apron

Ventilation:

Hood

Eye Protection:

chemical safety goggles

Other Protection:

safety shower and eye bath

Section 6 - First Aid Measures

Inhalation:

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

Skin:

In case of skin contact, flush with copious amounts of water for atleast 15 minutes. Remove contaminated clothing and shoes. Call a physician.

Ingestion:

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

Eyes:

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.

Section 7 - Health Hazard Data

Health Hazards (Acute and Chronic):

A potent esophageal carcinogen. The toxicological properties of this compound have not been throughly investigated. Exercise due care.

Medical Conditions Generally Aggravated by Exposure:

No Data Available

Section 8 - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled:

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust.

Waste Disposal Method:

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.

Precautions to Be Taken in Handling and Storage:

Keep tightly closed. Store at 4° C.

Section 9 - Fire and Explosion Hazard Data

Extinguishing Media:

Water spray. Carbon Dioxide, dry chemical powder or appropriate foam.

Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire and Explosion Hazards:

Emits toxic fumes under fire conditions.

Section 10 - Transportation Information and regulatory information

DOT & IATA

No data available.

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.

6/8/2011