Section 1 - Product and Company Information

Product Name: N,N-DIPHENYLFORMAMIDE, 99%
Product Number: D207608
Brand: Aldrich Chemical
Company: Sigma-Aldrich
Street Address: 3005 Spruce Street
City, State, Zip, Country: SAINT LOUIS, MO, 63103, US
Technical Phone: 314 771 5765
Emergency Phone: 414 273 3800 Ext. 5996
Fax: 900 325 5052

Section 2 - Composition/Information on ingredient

Substance Name: N,N-DIPHENYLFORMAMIDE, 99%
CAS #: 607-90-1
SARA 313: No
Formula: C13H11NO
Synonyms:

Section 3 - Hazards Identification

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

Section 4 - First Aid Measures

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

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

Dermal Exposure: In case of contact, immediately wash skin with soap and copious amounts of water.

Eye Exposure: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

Section 5 - Fire Fighting Measures

Autoignition Temp.: N/A
Flammability: N/A
Extinguishing Media: Suitable
Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

Section 6 - Accidental Release Measures

Procedure(s) of Personal Precaution(s): Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

Methods for Cleaning Up: Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7 - Handling and Storage

Handling: Avoid inhalation. Do not get in eyes, on skin, on clothing.

Storage: Keep tightly closed. Store in a cool dry place.

Section 8 - Exposure Controls / PPE

Engineering Controls: Safety shower and eye bath. Mechanical exhaust required.


General Hygiene Measures: Wash thoroughly after handling. Wash contaminated clothing before reuse.

Section 9 - Physical/Chemical Properties

Appearance: Fine crystals
Color: Colorless
Form: Fine crystals

Molecular Weight: 197.24 AMU

Property: Value
pH: N/A
BP/Boiling Point: 337 °C
MP/Melting Point: 69 °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

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Section 10 - Stability and Reactivity

Stability
- Materials to Avoid
  - Strong oxidizing agents, Acid chlorides, Strong acids, Strong bases, Strong reducing agents.

Hazardous Decomposition Products
- Carbon monoxide, Carbon dioxide, Nitrogen oxides.

Section 11 - Toxicological Information

Route of Exposure
- Skin Contact
  - May cause skin irritation.
- Eye Contact
  - May cause eye irritation.
- Multiple Routes
  - May be harmful by inhalation, ingestion, or skin absorption.

Signs and Symptoms of Exposure
- To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

RTECS Number:

Section 12 - Ecological Information

Section 13 - Disposal Considerations

Appropriate Method of Disposal of Substance or Preparation
- Disclose 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.

Section 14 - Transport Information

DOT
- Proper Shipping Name: None
- Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA
- Proper Shipping Name: None
- Non-Hazardous for Air Transport: Non-hazardous for air transport.