

Material Safety Data Sheet

Version: 1
Revision Date: 4/20/2010
Print Date:

1. Product and Company Identification

Product Name 1-benzyl-1H-pyrrole-2,5-dione
Product Number OBT 129
CAS # 1631-26-1
Company Obiter Research, LLC
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2. Hazards Identification

Potential Health Effects

Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.
Ingestion: May be harmful if swallowed.
Skin Contact: May be harmful if absorbed through the skin. Causes burns.
Eye Contact: Causes eye irritation.

Synonyms N-Benzylmaleimide
Formula $C_{11}H_9NO_2$
Molecular Weight 187.19

CAS #	EC #	Index #	Concentration
1-benzyl-1H-pyrrole-2,5-dione			
1631-26-1	216-631-1		

4. First Aid Measures

Inhalation Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Ingestion	Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.
Skin Contact	Get medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.
Eye Contact	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

5. Fire Fighting Measures

Suitable extinguishing media

Alcohol resistant foam, dry chemical or carbon dioxide

Protective equipment

Wear a self-contained breathing apparatus and protective clothing

Special Information

During a fire wear a self-contained breathing apparatus if necessary

6. Accidental Release Measures

Personal precautions

Ensure adequate ventilation. Prevent inhalation of dust and contact with skin and eyes.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Place in suitable covered containers using non-sparking tools and transport outdoors. Ventilate area and wash spill site after material pickup is complete.

7. Handling and Storage

Precautions for safe handling

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Avoid prolonged or repeated exposure.

Conditions for safe storage

Keep container closed when not in use. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from heat, sparks, and open flame.

Incompatibilities

Water

8. Exposure Controls/Personal Protection

Contains no substances with occupational exposure limit values.

Engineering controls

Safety shower and eye bath. Mechanical exhaust required.

Personal protective equipment

Respirator: Use respirators and components tested and approved under appropriate government standards such as NIOSH(US) or CEN(EU). Respirator protection is not required. Where protection from nuisance levels of dusts are desired, use type N95(US) or type P1(EN 143) dust masks.

Hand: Wear appropriate protective gloves and clothing to prevent skin exposure.

Clothing: Wear appropriate protective clothing to minimize contact with skin.

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

9. Physical and Chemical Properties

Appearance:	crystalline, colorless
Odor:	Not available
Odor threshold:	Not available
pH:	Not available
Freezing point/melting point:	Not available
Initial Boiling Point and boiling range:	Not available
Flash point:	Not available
Evaporation Rate:	Not available
Flammability (solid, gas);	Not available
Upper/lower flammability/explosive limits:	Not available
Vapor Pressure:	Not available
Vapor Density:	Not available
Relative Density:	Not available
Solubility:	Not available
Partition coefficient:	Not available
Auto-ignition temperature:	Not available
Decomposition Temperature:	Not available
Viscosity:	Not available

10. Stability and Reactivity

PubChem Substance ID: 24865502

Stability: Stable under ordinary conditions of use and storage.

Hazardous polymerization: Will not occur.

Conditions to avoid: Water and anything that would cause a spark

Incompatible materials: Water

Hazardous decomposition products: Not available

11. Toxicological Information

Acute toxicity: No data available

Likely route of exposure: Skin contact, skin absorption, eye contact, inhalation

Symptoms and signs of exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Chronic exposure No data available

Potential Health Effects

Inhalation:	May be harmful if inhaled.
Ingestion:	May be harmful if swallowed.
Skin Contact:	May be harmful is absorbed through the skin. Causes burns.
Eye Contact:	Causes eye irritation.

12. Ecological Information

No data available

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local environmental requirements.

14. Transport Information

DOT

Corrosive solids, n.o.s. (N-Benzylmaleimide) UN 1759 8/PG 2

IMDG

Corrosive solids, n.o.s. (N-Benzylmaleimide) UN 1759 8/PG 2

IATA

Corrosive solids, n.o.s. (N-Benzylmaleimide) UN 1759 8/PG 2

15. Regulatory Information

OSHA: Corrosive

16. Other Information

Label Hazard Warning: Corrosive

Product Use: For R & D use only. Not for drug, household or other uses.

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