

TREVIGEN[®]

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL IDENTIFICATION

PRODUCT NAME: **Benzamide (8 mM)**

CATALOG NUMBER: **4667-50-11**

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

CAS#: none

Hazardous Ingredients

Contains ethanol, chemical abstracts registry number 64-17-5

SECTION 3: HAZARDS IDENTIFICATION

Label Precautionary Statements

Flammable

Poison

Toxic

May be fatal or cause blindness if swallowed.

Irritant

Harmful

Keep away from sources of ignition. No smoking.

Do not breathe vapor.

Wear suitable protective clothing.

SECTION 4: FIRST-AID MEASURES

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

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

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

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

Wash contaminated clothing before reuse.

SECTION 5: FIRE FIGHTING MEASURES

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.

Use water spray to cool fire-exposed containers.

Warning: flammable liquid.

CONTINUED ON NEXT PAGE

Unusual fire and explosion hazards

Emits toxic fumes under fire conditions.

Vapor may travel considerable distance to source of ignition and flash back.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Shut off all sources of ignition.

Evacuate area.

Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves. Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

Use nonsparking tools

SECTION 7: HANDLING AND STORAGE

Refer to section 8.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical safety goggles.

Compatible chemical-resistant gloves.

NIOSH/MSHA-Approved respirator.

Safety shower and eye bath.

Mechanical exhaust required.

Do not breathe vapor.

Avoid contact with eyes, skin and clothing.

Avoid prolonged or repeated exposure.

Poison.

Irritant.

Wash thoroughly after handling.

Keep tightly closed.

Store in a cool dry place.

Keep away from heat, sparks, and open flame.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor.

Colorless liquid.

SECTION 10: STABILITY AND REACTIVITY

Incompatibilities

Strong oxidizing agents

Strong bases

Peroxides

Acids

Acid chlorides

Acid anhydrides

Alkali metals

Ammonia

Moisture

CONTINUED ON NEXT PAGE

Hazardous combustion or decomposition products.
Toxic fumes of carbon monoxide, carbon dioxide, and nitrogen oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute effects

May be fatal if inhaled, ingested, or absorbed through skin.
Vapor or mist is irritating to the eyes, mucous membranes and upper respiratory tract.
Causes skin irritation.
Can cause CNS depression.
Exposure can cause damage to the eyes, nausea, dizziness, and headache.
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: ECOLOGICAL INFORMATION

Data not yet available.

SECTION 13: DISPOSAL CONSIDERATIONS

Mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber, but exert extra care as this material is highly flammable. Observe all federal, state, and local environmental regulations.

SECTION 14: TRANSPORT INFORMATION

Contact Trevigen for transportation information.

SECTION 15: REGULATORY INFORMATION

European Information

Harmful.
Harmful if swallowed.
Wear suitable protective clothing.

TLV and source

For methyl alcohol - skin:
ACGIH ceiling limit: 260 mg/m³.
OSHA PEL: ceiling limit 260 mg/m³

SECTION 16: OTHER INFORMATION

The above information is believed to be correct, however, the physical, chemical, and toxicological properties of the product may not yet have been fully characterized. Trevigen recommends the use of gloves, lab coats and eye protection while using or handling this product. Trevigen assumes no liability for damage resulting from handling or contact with the above product.