



Material Safety Data Sheet

Section 1: Chemical Identification

Name: ProBlock™ Gold Bacterial 2D [100X]

Catalog #: a component of product Cat # GB-376-1 indicated above.

Section 2: Composition/Information on Ingredients

Non-hazardous addition of various protease inhibitors, Contains: Dimethyl Sulfoxide (DMSO) >90%, CAS# 67-68-5

Section 3: Hazards Identification

Irritating to eyes and skin. In case of contact with eyes or skin, rinse immediately with plenty of water and seek medical advice if needed. Wear suitable protective clothing.

Section 4: First-Aid Measures

Exposure to eye: Immediately flush eyes with copious amounts of water for at least 15 minutes.

Exposure to skin: Immediately wash skin with soap and copious amounts of water.

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

After swallowing: Wash out mouth with water provided person is conscious. Call a physician.

Section 5: Fire Fighting Measures

Extinguishing Agents: 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 eyes and skin.

Unusual fire and explosions hazards: Not known

Section 6: Accidental Release Measures

Human Safety Precautions: Wear respirator, chemical safety goggles, rubber boots and rubber gloves.

Cleaning/Collecting Measures: Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pick up is complete.

Section 7: Handling and Storage

User Exposure: Do not breathe the dust. Prevent contact with eyes, skin and clothing. Avoid prolonged and repeated exposure.
Storage: Keep tightly closed and store at -20 degree C.

Section 8: Exposure Controls/Personal Protection

Personal protective equipment:

Chemical safety goggles, compatible chemical-resistant gloves and respirator, NIOSH/MSHA-approved respirator, and safety shower and eye bath.

General Protective and Hygiene Measures:

Mechanical exhaust required. None needed

Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after handling. Irritant. Keep tightly closed. Store in a cool dry place.

Section 9: Physical and Chemical Properties

Form: liquid

Color: Clear

Odor: None

Section 10: Stability and Reactivity

Thermal Decomposition: Combustible when exposed to heat or flame

Dangerous Reactions: No dangerous reactions known.

Dangerous Products of Decomposition: Carbon oxides (CO, CO₂) and sulfur oxides (SO₂, SO₃---).

Section 11: Toxicological Information

Primary Irritant Effects: Harmful if inhaled or ingested.

On the skin: Material is irritating to skin and mucous membranes.

On the eye: Causes eye irritation.

Sensitization: No sensitizing effects known.

Section 12: Ecological Information

Data not yet available

Section 13: Disposal Considerations

Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Hand over to hazardous waste disposers. Observe all federal, state and local environmental regulations.

Section 14: Transport Information

DOT - UN Number UN 2923
Proper Shipping Name Corrosive solid, toxic, n.o.s. (Phenylmethylsulfonyl fluoride)
Class 8
Packing Group II

IMDG - UN Number UN 2923
Proper Shipping Name Corrosive solid, toxic, n.o.s. (Phenylmethylsulfonyl fluoride)
Class 8
Packing Group II

IATA - UN Number UN 2923
Proper Shipping Name Corrosive solid, toxic, n.o.s. (Phenylmethylsulfonyl fluoride)
Class 8
Packing Group II

Section 15: Regulatory information

Irritating to eyes, respiratory system and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing and gloves.

US Classification: Irritating to eyes and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing and gloves.

Section 16: Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Goldbio shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice/packing slip for additional terms and conditions of sale.