

**SDS (SAFETY DATA SHEET)**

According to OSHA Hazard Communication Standard, 29 CFR  
1910.1200

Revision Date: 06/01/2015

---

**CBG BIOTECH, LTD.**  
26400 BROADWAY AVENUE, UNIT A  
OAKWOOD VILLAGE, OHIO 44146 USA  
+1-440-786-7667

**FOR CHEMICAL SPILLS, FIRES, OR EXPOSURE:  
CALL CHEMTREC (DAY OR NIGHT)  
+1-800-424-9300 (IN USA)  
+1-703-527-3887 (INTERNATIONAL)**

---

**SECTION 1. IDENTIFICATION**

Product name: Reagent #3 (Dilute Acid)                      CAS number: None (Solution)  
Code number: CHEM008    SARA 313: No

**SECTION 2. HAZARDS IDENTIFICATION**

NFPA: 1,0,1 (Health, Flammability, Reactivity)  
HMIS: 1,0,1 (Health, Flammability, Reactivity)  
See Section 11 for additional information

**Hazard Pictograms:**



**DANGER**

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Product: 0.1 N sulfuric acid (H<sub>2</sub>SO<sub>4</sub>) solution in water  
Ingredient: Sulfuric acid                      CAS # 7664-93-9                      SARA 313: No

**SECTION 4. FIRST-AID MEASURES**

Eye Exposure: Flush eyes with water for 3-15 minutes; separate eyelids to assure adequate flushing  
Skin exposure: Flush with water  
Oral exposure: Wash mouth with water provided that person is conscious; call a physician  
Inhalation: Remove to fresh air; if breathing becomes difficult, call a physician

**SECTION 5. FIRE FIGHTING MEASURES**

Flammability: Not combustible.  
Extinguishing media: Compatible with water spray, foam, dry chemical powder, or carbon dioxide.

SDS Reagent #3 (Dilute Acid) -- Page 1 of 3

---

Protective equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact of the powder with eyes and skin.  
Specific hazards: Can emit toxic fumes under fire conditions.

#### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Precautions: Avoid contact with eyes and skin, and avoid inhalation of aerosols.  
Clean up: Absorb with an inert adsorbent; place in closed containers; ventilate area; wash down spill site with water; dispose of according to applicable Federal, State and Local Regulations.

#### **SECTION 7. HANDLING AND STORAGE**

Handling: Avoid contact with eyes, skin and clothing, and avoid inhalation of aerosols.  
Storage: Keep containers tightly closed and store at room temperature.

#### **SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Protective Equipment: Protective gloves and safety goggles.  
Hygiene Measures: Wash thoroughly after handling.  
Engineering Controls: Safety shower, eye bath and ventilation exhaust

#### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Clear liquid.  
Boiling point: 100 °C  
Specific gravity: 1.01 at 20 °C (H<sub>2</sub>O = 1.0)

#### **SECTION 10. STABILITY AND REACTIVITY**

Stability: Stable  
Materials to avoid: Bases and halides  
Hazardous polymerization: Does not occur  
Hazardous decomposition products: Sulfur oxides

#### **SECTION 11. TOXICOLOGICAL INFORMATION**

Exposure: May cause irritation of eyes, nasal membranes and mucous membranes.  
Signs and symptoms: Not available to the best of our knowledge.

#### **SECTION 12. ECOLOGICAL INFORMATION**

Data is not yet available.

#### **SECTION 13. DISPOSAL CONSIDERATIONS**

This product does not have an EPA Waste Number, nor is it a Listed Waste. However, all disposal procedures should follow applicable Federal, State and Local Regulations

**SECTION 14. TRANSPORT INFORMATION**

DOT: Proper shipping name: None  
Hazard classification: Considered to be non-hazardous for transport.  
IATA: Hazard classification: Considered to be non-hazardous for air transport.

**SECTION 15. REGULATORY INFORMATION:**

United States: SARA listed: No  
Canada: WHMIS: Classified in accordance with the CPR, and the MSDS contains all of the information required by the CPR.

**SECTION 16. OTHER INFORMATION**

Disclaimer: For commercial and laboratory uses only. Not for drug, or other uses.  
Warranty: The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge, and is applicable to the product only with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. CBG Biotech, Ltd. shall not be liable for any damage resulting from handling, or from contact with the product. See reverse sides of invoice, for additional terms and conditions of sale.