

# MATERIAL SAFETY DATA SHEET

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## **Modern Biology Inc**

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## **A. IDENTIFICATION**

Product Name : Glycine

Provided as a powder in Tris Glycine buffer-See previous section.

## **B. HEALTH HAZARD INFORMATION**

1. Health Effects - Acute

Swallowed -May cause gastrointestinal irritation.

Eye - May cause eye irritation.

Skin -May cause skin irritation.

Inhaled -May cause respiratory tract irritation.

2. Health Effects – Chronic-No data available

3. First Aid

Swallowed-If victim is conscious and alert, give 2-4 cupfuls of milk or water to drink. Seek medical attention.

Eye- Flush eyes with plenty of water for at least 15 minutes. Seek medical attention.

Skin-Inhaled- Remove from exposure to fresh air immediately. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if cough or other symptoms appear.

4. First Aid Facilities-Ensure an eye bath and safety shower are available and ready for use.

5. Toxicity Data-

## **C. PRECAUTIONS FOR USE**

1. Exposure Standards-No exposure limit has been established for this material.

2. Engineering Controls-Good general ventilation should be sufficient to control airborne concentrations

3. Personal Protection-Wear safety glasses with side shields. Wear appropriate gloves to prevent skin exposure. Wear appropriate protective clothing to prevent skin exposure. Wear a dust mask in dusty conditions. Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking or using toilet facilities.

4. Flammability-May burn but does not readily ignite.

## **D. SAFE HANDLING INFORMATION**

1. Storage / Transport-Store in a cool, dry area away from incompatible materials. Keep from contact with oxidising materials.

2. Spills and Disposal

Spills-Clean up personnel should wear full protective clothing and breathing apparatus/ dust mask in dusty conditions. Vacuum or sweep up spilled material and place into suitable containers and hold for reuse or disposal. Wash spill site with copious quantities of water.

Disposal-Dispose of in accordance with all Local, State and Federal regulations at an approved waste disposal facility.

## **4. FIRE AND EXPLOSION HAZARD**

Fire / Explosion

Combustible material but will not burn on its own. Stable under normal conditions of use. Incompatible with strong oxidisers. . Hazardous polymerisation has not been reported.

Extinguishing Media

Fire-fighters should wear full protective clothing and self-contained breathing apparatus. For small fires use water spray, dry chemical, carbon dioxide or chemical foam. Use equipment/media appropriate to surrounding conditions.

## **E. PROPERTIES**

Appearance :

Formula :

Boiling Point :

Melting Point :

Solubility in water :

Flammability Limits (as percentage volume in air)

Lower Explosion Limit : N/A

Upper Explosion Limit : N/A

## **F. REGULATORY INFORMATION**

### **1. US FEDERAL**

TSCA

**CAS#** .

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depletors.

This material does not contain any Class 2 Ozone depletors.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

### **2. OSHA:**

None of the chemicals in this product are considered highly hazardous by OSHA.

### **3. STATE**

Not present on state lists from CA, PA, MN, MA, FL, or NJ.

California No Significant Risk Level

## **G. ADDITIONAL INFORMATION**

The information above is believed to be accurate and represents the best information currently available to us. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages.