

## 1. IDENTIFICATION

**IDENTIFIER (AS LABELED):** PeptiGro  
**RECOMMENDED USE/RESTRICTION:** Refer to Label for use and restrictions  
**MANUFACTURER'S NAME:** Cibari Biosciences, LLC.  
**ADDRESS:** 1919 Grand Ave  
Sioux City, IA 51106  
**EMERGENCY PHONE:** Chemtrec 1-800-424-9300; 24 hrs.  
**BUSINESS PHONE:** 712-277-2011

Health	0
Fire	0
Reactivity	0

## 2. HAZARD(S) IDENTIFICATION

**HAZARD CLASSIFICATION:** This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).  
**HAZARD STATEMENT(S):** May cause allergy or asthma symptoms or breathing difficulties if inhaled; may cause an allergic skin reaction.  
**SYMBOL(S):**

**PRECAUTIONARY STATEMENT(S):** If breathing is difficult, move person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms, skin irritation or rash: seek medical attention.

**HAZARDS NOT CLASSIFIED:** Not Applicable

**UNKNOWN ACUTE TOXICITY:** Not Applicable

## 3. COMPOSITION/INFORMATION ON INGREDIENT(S)

CHEMICAL NAME	CAS #	% w/w PPM	EXPOSURE LIMITS IN AIR					
			ACGIH		OSHA		NIOSH	
			TLV TWA	STEL	PEL	STEL	IDLH	REL
Sodium Sulfite	7757-83-7	2500-4000	5mg/m3	NE	5mg/m3	NE	NE	NE

## 4. FIRST-AID MEASURES

**INHALATION:** May cause allergy or asthma symptoms or breathing difficulties. If breathing is difficult, remove person to fresh air and keep comfortable for breathing. Seek medical attention.

**EYES:** Mildly irritating, causing redness, itching and pain. Hold eyelids open and flush with a steady stream of water for 15-20 minutes. Seek medical attention if irritation persists.

**SKIN:** Wash affected area with soap and water. If skin irritation or rash occurs, seek medical attention. Contaminated work clothing must not be allowed out of the workplace.

**INGESTION:** Gastric upset may occur. **DO NOT INDUCE VOMITING** unless directed by a medical professional. Call a physician or poison control center. If victim is conscious, wash out mouth with water but do not swallow.

## 5. FIRE-FIGHTING MEASURES

**SUITABLE EXTINGUISHING MATERIALS:** Not considered to be a fire hazard. Use extinguishing media applicable to the surrounding fire.

**SPECIAL EQUIPMENT:** Use water spray to cool containers. Wear full protective clothing and self-contained breathing apparatus (SCBA).

**SPECIFIC HAZARDS:** When heated to decomposition, this product will emit toxic fumes of hydrogen sulfide and oxides of sulfur.

## 6. ACCIDENTAL RELEASE MEASURES

**SPILL AND LEAK RESPONSE:** Contain material and place in containers for use as intended, or discard according to Federal, State and local regulations. If material enters a waterway, notify the appropriate authorities. Wear PPE according to Section 8.

## 7. HANDLING and STORAGE

**SAFE HANDLING:** Wash hands after handling material. Do not eat, drink, or smoke while handling material. Do not get in eyes, on skin or clothing. Not intended for human consumption.

**SAFE STORAGE:** Store in cool, dry, well-ventilated area away from incompatible materials.

## 8. EXPOSURE CONTROLS - PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Use with adequate ventilation

**RESPIRATORY:**

**EYE:** Safety glasses

**HAND:** Impervious and compatible with material.

**BODY:** Appropriate for the task.

**OTHER PROTECTIVE MEASURES:** A safety eye wash and shower should be accessible.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Tan-Brown liquid

**PH:** 5.0-8.5

**FLASH POINT:** Not Established

**UEL / LEL:** Not Established

**RELATIVE DENSITY:** 1.1

**AUTO-IGNITION:** Not Established

**ODOR:** Slight meat odor

**MELT/FREEZE POINT:** Not available

**EVAPORATION RATE:** Not Established

**VAPOR PRESSURE:** Not Established

**SOLUBILITY(IES):** Water

**DECOMPOSITION TEMP:** Not Established

**ODOR THRESHOLD:** Not Established

**BOILING POINT/RANGE:** Not Established

**FLAMMABILITY:** Not Established

**VAPOR DENSITY:** Not Established

**PARTITION COEFFICIENT:** Not Established

**VISCOSITY:** Not Established

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** Avoid incompatible materials. Avoid mixing with acid

**CHEMICAL STABILITY:** Stable under normal conditions

**CONDITIONS TO AVOID:** Heat and Moisture

**INCOMPATIBLE MATERIALS:** Water, steam or acids may increase decomposition

**HAZARDOUS POLYMERIZATION:** Will not occur

## 11. TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** Respiratory and dermal sensitizer by association with Sodium Sulfite.

**NTP/IARC SUSPECTED CARCINOGEN:** Not suspected.

**SYMPTOMS OF EXPOSURE:** May cause allergy or asthma symptoms or breathing difficulties if inhaled; may cause allergic skin reaction

**TOXICITY ESTIMATE(S):** Mouse (Oral): LD50 4,555mg/kg – 10,250mg/kg as Sodium Sulfite

## 12. ECOLOGICAL INFORMATION

**ECOTOXICITY:** Not available.

**PERSISTENCE AND DEGRADABILITY:** Long term degradation products may arise.

**BIOACCUMULATIVE POTENTIAL:** Products of degradation are less toxic than the product itself.

**MOBILITY IN SOIL:** Not tested as a whole

**OTHER ADVERSE EFFECTS:** Not Available

## 13. DISPOSAL CONSIDERATIONS

**SAFE HANDLING AND DISPOSAL:** Waste disposal must be in accordance with appropriate Federal, State, and local regulations.

## 14. TRANSPORTATION INFORMATION

**UN NUMBER/SHIPPING NAME:** Not Established

**TRANSPORT HAZARD CLASS(ES):** Not Established

**DOT:** Not dangerous goods

**PACKING GROUP:** Not Established

**ENVIRONMENTAL HAZARDS:** No

**TRANSPORT IN BULK:** Not regulated by ship type and pollution category

**SPECIAL PRECAUTIONS:** None

## 15. REGULATORY INFORMATION

**SARA 302:** No requirements.

**SARA 311/312:** No requirements.

**SARA 313:** No requirements.

**TSCA STATUS:** All ingredients

**CALIFORNIA PROPOSITION 65:** Not found.

**CERCLA (RQ):** None

**STATE REGULATIONS:** Pennsylvania RTK (Sodium Sulfite); New Jersey RTK (Sodium Sulfite)

**EUROPEAN INVENTORY:** Sodium Sulfite

## 16. OTHER INFORMATION

The information and recommendations herein are taken from data contained in independent industry recognized references including NIOSH, OSHA, ANSI, and NFPA. No guarantee, express or implied, and no liability is assumed by Cibari Biosciences LLC in conjunction with the use of this information.

**DATE OF PREPARATION:** 04/19/2022