

## PolySWEET® Erythritol Crystalline Powder

**Identification: Meso-erythritol**

### Section I: Supplier

Anderson Advanced Ingredients  
2030 Main Street, Suite 430, Irvine, CA 92614

Emergency and general information telephone: 949-502-4770

### Section II: Composition

Ingredient	CAS#	Hazardous Components- None
Erythritol	149-32-6	

### Section III: Health Hazard Data

**Acute Effects:** Routes of entry include skin or eye contact, inhalation or ingestion  
**Skin:** No know effects of this product resulting in skin contact  
**Eyes:** May cause irritation on direct contact. Inflammation of the eye is characterized by redness, watering, and itching  
**Inhalation:** Exposure by inhalation may cause respiratory irritation  
**Carcinogenicity:** Not listed as carcinogen by OSHA, NTP, or IARC  
**Chronic Effects:** None known

### Section IV: First Aid Measures

**Skin:** Wash off with soap and water. Get medical attention if irritation develops  
**Eyes:** Check for and remove any contact lenses. Flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention if irritation develops  
**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms persist  
**Ingestion:** Give plenty of water to drink. Get medical attention if symptoms persist

### Section V: Fire Fighting Measures

**Flash Point:** N/A  
**Flammability:** N/A  
**Fire Hazard:** May be flammable upon prolonged heating  
**Fire Fighting Process:** Use dry chemicals, CO2, or alcohol foam. Evacuate personell to a safe area. Firefighters should use self-contained breathing equipment and protective clothing

## Section VI: Accidental Release Measures

**Spill Clean Up:** Dispose of in accordance with local and state regulatory requirements

## Section VII: Handling and Storage

**Handling:** Keep away from heat, sparks and flame. Avoid contact with eyes.

**Storage:** Cool, dry storage, out of sunlight

**Prevention of Exposure:** Properly packaged in food-grade polyethylene bags with exterior fiber

**Suitable Storage Media:** Fiber drums

## Section VIII: Exposure Controls, Personal Protection

**Ventilation:** Provide local and/or general ventilation to meet published exposure limits

**Respiratory:** Required when dusts are generated. No special measures required; see ventilation above

**Eyes:** Safety glasses are required when dusts are generated

**Body:** No special measures required

## Section IX: Physical/Chemical Characteristics

**Appearance & Odor:** White to light yellow powder with characteristic aroma and taste

**Boiling Point:** N/A      **Molecular Weight:** 1287.43

**Vapor Pressure:** N/A      **Percent Volatile By Volume:** None

**Decomposition Temperature:** > 120°C      **Solubility In Water:** Water Soluble

## Section X: Reactivity and Stability

**Reactivity & Stability:** Stable under normal conditions

**Incompatibility:** High temperature, high humidity

**Hazardous Decomposition Products:** When heated to decomposition (> 120°C), material emits toxic fumes. Emits toxic fumes under fire conditions.

## Section XI: Toxicological Information

Not known to be toxic. No formal toxicological information determined.

## Section XII: Ecological Information

**Ecotoxicity:** N/A

**Biodegradable/OECD:** N/A

## Section XIII: Disposal Consideration

Waste must be disposed of in accordance with federal, state, and local pollution control regulations

---

## Section XIV: Transport Information

**Proper Shipping Name:** Meso-erythritol  
**DOT Classification:** Not regulated by DOT  
**Bill of Lading Information:** No special information needed

---

## Section XV: Regulatory Information

**US Federal Regs:** Sara 313 toxic chemical notification and release reporting: No products found  
Clean Water Act (CWA) 311: No products found  
Clean Air Act (CAA) 112 regulated toxic substances: No products found  
All components of the product are listed or exempt from listing on TSCA inventory

---

## Section XVI: Other Information

To the best of our knowledge, the information contained herein is accurate. However, Anderson Advanced Ingredients assumes no liability whatsoever for the accuracy or completeness contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Revision Date: 17 JANUARY 2023