



## SAFETY DATA SHEET

DATE: 17<sup>th</sup> February 2026

### **1. Identification**

**Product Name:** Estradiol Micronized USP

**CAS Number:** 50-28-2

**Recommended use/Use advised against:** No information available

#### **Details of the Australian Supplier:**

Astral Scientific Pty Ltd  
29 Mangrove Lane  
Taren Point NSW 2229

**Company Phone Number:** 02 9540 2055

**Email Address:** [support@astralscientific.com.au](mailto:support@astralscientific.com.au)

**Emergency Telephone Number:** 13 11 26

### **2. Hazard(s) Identification**

#### **Classification**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

#### **Label Elements**

**Signal Word:** Danger

**Hazard Statements:** H351 Suspected of causing cancer. H360 May damage fertility or the unborn child. H362 May cause harm to breast-fed children. H410 Very toxic to aquatic life with long lasting effects.



**Precautionary Statements:** Prevention: P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P260 Do not breathe dust. P263 Avoid contact during pregnancy and while nursing. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response: P308 + P313 IF exposed or concerned: Get medical advice/ attention. P391 Collect spillage. Storage: P405 Store locked up. Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.

### **3.Composition / Information on ingredients**

Component	CAS #	Purity / Weight %
Estradiol	50-28-2	>99%

### **4.First-aid measures**

<b>General Advice</b>	If symptoms persist, call a physician.
<b>Eye Contact</b>	Rinse immediately with plenty of water, remove contact lenses. Get medical attention.
<b>Skin Contact</b>	Take off immediately all contaminated clothing. Rinse skin with water/ shower, call a physician.
<b>Inhalation</b>	Remove to fresh air. Get medical attention.
<b>Ingestion</b>	Immediately make victim drink water (two glasses at most). Get immediate medical attention.

**Most important symptoms/effects**      The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

**Notes to physician**      No information available

### **5.Fire-fighting measures**

**Suitable extinguishing media**      Water, Foam, Carbon Dioxide (CO<sub>2</sub>), Dry Powder

**Unsuitable extinguishing media**      No information available

**Flash Point**      No information available

**Method**      No information available

**Autoignition temperature**      No information available

#### **Explosion limits**

**Upper**      No information available

**Lower**      No information available

**Sensitivity to mechanical impact**      No information available

**Sensitivity to static discharge**                      No information available

**Specific hazards arising from the chemical**      Combustible

**Hazardous combustion products**                  Carbon Dioxides

**Protective equipment and precautions for firefighters**

Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

**6.Accidental release measure**

**Personal precautions**                                      Use personal protective equipment as required. Ensure adequate ventilation. Avoid dust formation.

**Environmental precautions**                              Should not be released into the environment. See section 12 for additional Ecological Information.

**Methods for containment/clean-up**                      Sweep up and shovel into suitable containers for disposal. Keep in suitable, closed containers for disposal.

**7.Handling and storage**

**Handling**    Work under hood. Do not inhale substance/mixture. Ensure adequate ventilation. Wear personal protective equipment/face protection. Do not get in eyes.

**Storage**    Preserve in tightly closed, light-resistant containers. Store at 25°. Keep in a well-ventilated place. Keep locked up or in an area accessible only to qualified or authorised persons.

**8.Exposure controls / personal protection**

**Personal protective equipment**

**Eye/Face protection**    Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910. 133 or European Standard EN166.

**Skin and body protection**                                      Wear appropriate protective gloves and clothing to prevent skin exposure.

**Respiratory protection**    Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

**Hygiene measures**    Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.

## **9.Physical and chemical properties**

<b>Physical state</b>	Powder
<b>Appearance</b>	No information available
<b>Odor</b>	No information available
<b>Odor threshold</b>	No information available
<b>pH</b>	No information available
<b>Melting point/range</b>	No information available
<b>Boiling point/range</b>	No information available
<b>Flash point</b>	No information available
<b>Evaporation rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Flammability or explosive elements</b>	
<b>Upper</b>	No information available
<b>Lower</b>	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Specific gravity</b>	No information available
<b>Solubility</b>	No information available
<b>Partition coefficient; n-octanol/water</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Viscosity</b>	No information available

## **10.Stability and reactivity**

<b>Reactive hazard</b>	No information available
<b>Stability</b>	Stable under normal conditions
<b>Conditions to avoid</b>	No information available
<b>Incompatible materials</b>	No information available
<b>Hazardous decomposition products</b>	In the event of a fire, see section 5.
<b>Hazardous polymerization</b>	No information available
<b>Hazardous reactions</b>	No information available

## **11.Toxicological information**

### **Acute Toxicity**

#### **Product information / Component information**

No information available

**Toxicologically synergistic products** No information available

#### **Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Irritation** No information available

**Sensitization** No information available

**Carcinogenicity** No information available

**Mutagenic effects** No information available

**Reproductive effects** No information available

**Developmental effects** No information available

**Teratogenicity** No information available

**STOT – single exposure** No information available

**STOT – repeated exposure** No information available

**Aspiration hazard** No information available

**Endocrine disruptor information** No information available

**Other adverse effects** The toxicological properties have not been fully investigated.

## **12.Ecological information**

**Ecotoxicity** No information available

**Persistence and degradability** No information available

**Bioaccumulation/accumulation** No information available

**Mobility** No information available

## **13.Disposal considerations**

**Waste disposal methods** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional and national hazardous waste regulations to ensure complete and accurate classification.

#### **14. Transport information**

<b>DOT</b>	Not regulated
<b>TDG</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG/IMO</b>	Not regulated

**Revision Note** No information available.

#### **Disclaimer**

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**End of Safety Data Sheet**