



## Material Safety Data Sheet

Oregon Department of Agriculture, Food Safety Division Establishment #88294 - FDA Food Manufacturing Facility # 11146752592

### Chemical Product and Company Identification:

Product Name: meso-Erythritol  
Catalog Codes: SLE1549  
CAS#: 149-32-6  
RTECS: KF2000000  
TSCA: TSCA 8(b) inventory: No products were found.  
CI#: Not available.  
Synonym: 1,2,3,4-Butanetetrol  
Chemical Formula: C<sub>4</sub>H<sub>10</sub>O<sub>4</sub>

### Contact Information:

Steviva Ingredients, Inc.  
91 NE Columbia Blvd.  
Portland, OR 97211  
US Sales: 1-310-455-9876

STEVIVA (24HR Emergency Telephone), call:  
1-800-851-6314

International Steviva, call: 1-310-963-5802

### Composition:

Erythritol monosaccharide polyols anhydrous crystals  
CAS#: 149-32-6  
CAS # EU: N/A  
EINECS Number & Name: 260-975-5 – Erythritol monosaccharide polyols anhydrous crystals  
EINECS # EU: N/A – Erythritol monosaccharide polyols anhydrous crystals  
Risk Phrases: None  
Safety Phrases 25-26: Not Mandatory

### Hazards:

Not classified as dangerous according to directive 67/548/EEC or its amendments.

### First Aid Measures:

Eye Contact: Wash with water or standard eye wash solution. Seek medical advice if irritation occurs and persists.  
Oral Ingestion: Essentially edible in small quantity with bland to bitter sweet aftertaste.  
Skin Contact: Wash with water and mild soap.

### Fire Fighting Measures:

Non-combustible and presents no special fire hazard.



Extinguishing media: n/a  
Protective Equipment: Standard Equipment

#### Accidental Release Measures:

Absorb into an inert material and scrape up. Remove residue by scrubbing with hot water or detergent solution.

#### Handling and Storage:

Store in sealed containers under normal cool, dry warehousing conditions

#### Exposure and Personal Protection:

In accordance with good industrial practice and handling, use standard eye protection.

#### Physical and Chemical Properties:

Physical Form: Crystalline Powder  
Color: Pure White  
Odor: Odorless  
Boiling Point: N/A  
Melting Point: +2 to -2  
Viscosity @ 20°C: --  
Flash Point: N/A  
Flammability Solid/Gas: N/A  
Auto Flammability: -  
Specific Refractive: 1.434 – 1.437  
Explosive Properties: N/A  
pH (100% Concentrate): 4.5-6.5  
Oxidizing Properties: N/A  
Vapor Pressure: N/A  
Density: 0.840 – 0.890  
Water Solubility: Soluble  
Other Solubility: In Most Solvents  
Partition Coefficient: -  
(Octanol/Water): -  
Explosive Limits: -

#### Stability and Reactivity:

Thermal Decomposition: Stable under normal conditions of use.

#### Toxicological Data:

Oral: LD50 < 36,000 MG/KG (Body Wt.) Ratio. Essentially non-toxic and edible in small quantity.  
Dermal: Expected to be essentially non-toxic  
Inhalation: Slight Ethanolic Sting – irritation  
Toxic Effects:



Skin: Primary Irritation Index (PII): 0.0 (Non-irritating – Skintex) Not a primary irritant. Non irritant / Non-sensitizer as per repeated patch insult test on 50 human volunteers.

Human Repeated Patch Test 48 hours: 50/50 completely non-irritating/ non-erythema causing ingredient at 10% concentrate in water on 50 human volunteers.

Eye: Very Mild/ Minimal – Not a transient Conjunctival Irritant at 10% concentrate in water (Eyetex classification).

#### Ecological Information:

Biodegradation: Expected to be ultimately biodegradable.

Fish Toxicity: No Data

Bacterial & Viral Toxicity: No Data

WGK Class: WGK (Self-Classification)

#### Disposal Conditions:

Dispose of according to Local, State, and Federal regulations.

#### Transport Information:

UN Number: N/A

UN Name: Not Assigned

IMDG Code/ Class: Not Hazardous

IMDG Code Page No: N/A

ICAO/IATA Air Class: Non-Hazardous

ICAO/IATA Air Class Packing Group: N/A

RID/ADR Class: Non-Hazardous

ADNR Class: Non-Hazardous

#### Regulatory Information:

Occupational Exposure Limits: N/A

#### Other Information:

None

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