

# Material Safety Data Sheet

## Stevioside

### Section 1: Chemical Product and Company Identification

**Product Name:** Stevioside

**Chemical Name:** Stevia

**Customs Tariff No:** 13021991

**Synonym Name:** Stevia rebaudiana

**Chemical Formula:**



#### Company Information:

**Chemtrade International**

Rm. 201, Unit 3, Building 8, Shijia Garden, No. 93,  
Xiangjiang Road, Qingdao Development Zone,  
Qingdao, Shandong, China 266555

**Tel:** 0086-532-86893005

**Fax:** 0086-532-86893005

### Section 2: Composition and Information on Ingredients

#### Composition:

Name	CAS No.	EINECS No.	%by weight
Stevioside	57817-89-7	260-975-5	

### Section 3: Hazards Identification

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

### Section 4: 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.

### Section 5: Fire and Explosion Data

Combustible but presents no special fire hazard.

**Extinguishing media:** Treat as oil fire when stored in HDPE drums with CO<sub>2</sub>, dry foam or dry chemical.

**Protective Equipment:** Standard Equipment

### Section 6: Accidental Release Measures

Absorb into an inert material and scrape up.

Remove residue by scrubbing with hot water or detergent solution.

### Section 7: Handling and Storage

Store in sealed containers under normal cool, dry warehousing conditions

### Section 8: Exposure Controls/Personal Protection

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

### Section 9: Physical and Chemical Properties

**Physical Form:** Oily Liquid

**Color:** Almost Colorless  
**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:** Insoluble  
**Other Solubility:** In Most Cosmetic Solvents  
**Partition Coefficient:** -  
**(Octanol/Water):** -  
**Exclusive Limits**

#### Section 10: Stability and Reactivity Data

**Thermal Decomposition:** Stable under normal conditions of use.

#### Section 11: Toxicological Information

**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).

#### Section 12: Ecological Information

**Biodegradation:** Expected to be ultimately biodegradable.  
**Fish Toxicity:** No Data  
**Bacterial & Viral Toxicity:** No Data  
**WGK Class:** WGK (Self-Classification )

#### Section 13: Disposal Considerations

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

#### Section 14: 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

<b>Section 15: Other Regulatory Information</b>
Occupational Exposure Limits: N/A

<b>Section 16: Other Information</b>
Supplementary Dietary/ Food Use: N/A

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