



MATERIAL SAFETY DATA SHEET

1. Identification:

Commercial Name: Stevia

Contact Information:

Company: Aurora Industry Co.,Ltd.

Address: Room 7033, No.9-1, Haifu Road, Dalian Free Trade Zone,
China

Tel: 0411-82288674

2. Composition:

Components: Stevioside, Rebaudioside, and other steviol glycosides

CAS#: 57817-89-7

EINECS Number & Name: 260-975-5 – Stevioside

EINECS # EU: N/A – steviol glycosides

Risk Phrases: None

Safety Phrases 25-26: Not Mandatory

3. Hazards:

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

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.

5. Fire Fighting Measures:

Combustible but presents no special fire hazard.

Extinguishing media: Treat as oil fire when stored in HDPE drums with CO₂, dry foam or dry chemical.

Protective Equipment: Standard Equipment

6. Accidental Release Measures:

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

7. Handling and Storage:

Store in sealed containers under normal cool, dry warehousing conditions

8. Exposure and Personal Protection:

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



9. Physical and Chemical Properties:

Physical Form: Solid powder
Color: Almost Colorless Odor:
Odorless
Melting Point: +2 to -2
Viscosity @ 20°C: --
Auto Flammability: -
Specific Refractive:
1.434 – 1.437
pH (100% Concentrate): 4.5-6.5
Density: 0.840 – 0.890
Water Solubility: Soluble
Other Solubility: In Most Cosmetic Solvents

10. Stability and Reactivity:

Thermal Decomposition: Stable under normal conditions of use.

11. 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).

12. Ecological Information:

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

13. Disposal Conditions:

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

14. Transport Information:

IMDG Code/ Class: Not Hazardous
ICAO/IATA Air Class: Non-Hazardous
RID/ADR Class: Non-Hazardous
ADNR Class: Non-Hazardous

15. Regulatory Information:

Occupational Exposure Limits: N/A

16. Other Information:

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