

# Material Safety Data Sheet

## 1. Identification:

Commercial Name: Steviol Glycosides

Latin Navia rebaudiana

INCI NameL Steviosideme: Stevioside

Manufacturer: Shandong Haigen Biotechnology Co.,Ltd

Address: No. 3 Taoyuan Road, Taiwan Industrial Park, Qufu, Shandong,P.R.China

## 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 CO<sub>2</sub>, 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. Issued Date & Due Date:

November 1, 2015 to November 1, 2020

## Shandong Haigen biotechnology CO.,LTD

*Add: No.3 Taoyuan Rd, Taiwan Industrial Park,*

*Qufu, 273100, Shandong, P.R. China*

*Tel:+86-537-451 2333 462 1777 Fax: +86-537-441 1777*

*Email: haigen@haigenstevia.com Web: www.haigenstevia.com*

