

MATERIAL SAFETY DATA SHEET
ALPHA GLUCOSYL HESPERIDIN



1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Alpha Glucosyl Hesperidin	Supplier:	ASES CHEMICAL WORKS.
INCI Name:	Alpha Glucosyl Hesperidin	Address:	Brahm Bagh, Jalori Gate Jodhpur - 342001 Rajasthan-India
CAS Number:	161713-86-6	Phone:	+91-9636889954
Product Form:	Powder	Web:	www.ases.in
Product Use:	Cosmetic ingredient.	Email :	ecom@ases.in

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS] : Not Classified

Classification according to Directive 1999/45/EC [DPD] : Not classified as dangerous.

Label elements : Not classified

The product is a non-flammable powder. Highly safe material enzymatically manufactured from dextrin and hesperidin, two ingredients commonly found in nature.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Chemical Formula	Mol. Weight	Composition (%)
Alpha Glucosyl Hesperidin	161713-86-6	C ₃₄ H ₄₄ O ₂₀	772.710	100%

4 FIRST AID MEASURES

Inhalation:	Remove to fresh air. If not, breathing, give artificial respiration. Get medical attention.
Skin:	Wash areas thoroughly with water.
Eye:	Check for and remove any contact lenses. Immediately flush eyes with plenty of water.
Instigation:	Wash out mouth with water. Do NOT induce vomiting. Seek medical attention.

5 FIRE-FIGHTING MEASURES

Extinguishing media	Dry chemical, water fog, foam and carbon dioxide. Avoid water jet.
Fire hazard	Not known.
Advice for firefighters	Keep personnel removed from and upwind of fire. Wear full fire-fighting turnout gear (full bunker gear) and respiratory protection.

6 ACCIDENTAL RELEASE MEASURES

Overview :	The product is biodegradable. In case of spill, the personnel is required to wear an eye protection gear and impermeable gloves.
Clean up procedure :	Large spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose according to local, regional and national authority requirements. Follow all regulatory requirements for non-hazardous waste disposal.

7 HANDLING & STORAGE

Handling:	Ensure good ventilation at the workplace. Use protective clothing and equipment.
Storage:	Keep container tightly closed, store at room temperature in a clean, odor-free and dry area.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:	General industrial hygiene practice.
Eye protection:	Wear safety glasses.
Personal protection:	No specific controls are needed. If user operations generate dust, use ventilation to keep exposure to airborne contaminants below exposure limits.
Skin protection:	Use latex gloves and protective clothing.
Respiratory protection:	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance :	Powder	Boiling point :	Not Available.
Odour :	Faint characteristic odour.	Flash point :	Not Available.
Colour:	Pale yellow to yellowish brown	Solubility:	Soluble in water.
pH :	5.0 – 7.0 (1% w/w water solution)		

10 STABILITY AND REACTIVITY

Reactivity:	No data available
Chemical Stability:	Stable.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Accumulation of airborne dust.
Incompatible Materials:	May react with strong oxidizing agents.
Hazardous Decomposition Products:	No hazardous decomposition products known.

11 TOXICOLOGICAL INFORMATION

Acute toxicity:	No data available
Mutagenicity:	No data available
Carcinogenicity:	No data available
Reproductive toxicity:	No data available
Teratogenicity:	No data available
STOT(single/repeated) exposure:	No data available
Aspiration hazard:	No data available

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No data available
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Mobility in soil:	No data available
Other adverse effects:	No data available

13 DISPOSAL CONSIDERATIONS

Dispose according to local, regional and national authority requirements.

14 TRANSPORT INFORMATION

US DOT Shipping Description (Land):	Not regulated.
IMO-IMDG Shipping Description (Sea):	Not regulated.
IATA Shipping Description (Air):	Not regulated.

15 REGULATORY INFORMATION

This material is intended to be used as a cosmetic ingredient.

Hazard Symbol(s): Not available.

Risk Phrase(s): Not available.

16 OTHER INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and ASES CHEMICAL WORKS assume no liability resulting from its use.