

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Ascorbyl Glucoside	<b>Supplier:</b>	ASES CHEMICAL WORKS.
<b>Alternate Names:</b>	2-O-a-D-Glucopyranosyl-L-ascorbic acid	<b>Address:</b>	Brahm Bagh, Jalori Gate Jodhpur - 342001 Rajasthan-India
<b>CAS Number:</b>	129499-78-1	<b>Phone:</b>	+91-9636889954
<b>Formula</b>	C <sub>12</sub> H <sub>18</sub> O <sub>11</sub>	<b>Web:</b>	www.ases.in
<b>Product Form:</b>	Powder	<b>Email :</b>	ecom@ases.in
<b>Product Use:</b>	Other biochemicals.		

### 2 HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

No data available

#### Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Regulatory List	EC1272/08 Regulation (EC) 1272/2008 (GHS/CLP)
Precautionary Statement	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P262 Do not get in eyes, on skin, or on clothing.

**Other hazards** Caution! To the best of our knowledge the toxicological properties of this material have not been thoroughly investigated.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No	Formula	Formula	Weight%
Ascorbyl glucoside	129499-78-1	C <sub>12</sub> H <sub>18</sub> O <sub>11</sub>	338.26	<=99%

### 4 FIRST AID MEASURES

**General advice:** If you feel unwell, seek medical advice.

**Eye Contact:** Flush eyes with water as a precaution. Consult an ophthalmologist.

**Skin Contact:** Wash off with soap and plenty of water. Consult a physician.

**Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### 5 FIRE-FIGHTING MEASURES

**Extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media** Not applicable.

**Extinguishing Procedures:** Wear self-contained breathing apparatus for fire-fighting if necessary

**Specific chemical hazards:** Carbon oxides.

### 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions** Wear breathing apparatus if exposed to vapours/dusts. Provide adequate ventilation.

**Environmental precautions** Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Ensure all waste water is collected and treated via a waste water treatment plant.

**Methods for cleaning up** Sweep up powders, hose down floor with water.

## MATERIAL SAFETY DATA SHEET

### ASCORBYL GLUCOSIDE

#### 7 HANDLING & STORAGE

**Handling :** Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Avoid prolonged or repeated exposure. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling

**Storage :** Store at 2°C - 8°C. Close container well. Keep away from incompatible substances. Keep container tightly closed when not in use.

#### 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control parameters** Does not contain any substances with occupational exposure limits.

**Exposure controls** Handle in accordance with good industrial hygiene and safety practice.

**Eye/face protection** Face shield and safety glasses Use government standards approved equipment for eye protection.

**Skin protection** Wear compatible chemical-resistant gloves and clothing to prevent skin exposure.

**Body Protection** Wash contaminated clothing before reuse. Wear appropriate protective clothing.

**Respiratory protection** Use a full-face respirator and components tested and approved under appropriate standards.

#### 9 PHYSICAL AND CHEMICAL PROPERTIES

**Colour:** White to off white

**Form:** Powder

**Odour** Not Available

**Phase Transition Solid/Liquid** 160 °C

**Melting point** 158°C To 163°C

**Assay as dry base (% HPLC)** <=99.0

**pH of solution** 2 to 4

**Water solubility** Soluble

#### 10 STABILITY AND REACTIVITY

**Reactivity:** No data available.

**Stability:** Stable under recommended storage conditions.

**Hazardous Polymerization:** Avoid heat, fire, and ignition source. Incompatible.

**Incompatibility Material:** Strong oxidizing or reducing agents.

**Hazardous decomposition products:** No data available.

#### 11 TOXICOLOGICAL INFORMATION

**Acute toxicity** No human toxicity studies have been carried out with this product. No animal toxicity studies have been carried out with this product.

**Carcinogenicity** Not listed as a carcinogen by NTP.

**Reproductive toxicity** No data available

**STOT – single/ repeated exposure** No data available

#### 12 ECOLOGICAL INFORMATION

**Ecotoxicity :** No ecological studies have been carried out on this product.

**Persistence and Degradability:** Not Applicable.

**Bioaccumulative Potential:** Not Applicable.

**Mobility in Soil:** Not Applicable.

**PBT and vPvB Assessment:** Not Applicable.

## MATERIAL SAFETY DATA SHEET

### ASCORBYL GLUCOSIDE

#### 13 DISPOSAL CONSIDERATIONS

**Waste Residues:** Dispose substance in accordance with prevailing country, federal, state and local regulations.

#### 14 TRANSPORT INFORMATION

**Proper Shipping Name (ADR/RID/ADN/IMDG/ICAO-IATA):**

Not dangerous goods

#### 15 REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

No data available.

**Chemical safety assessment :** For this product a chemical safety assessment was not carried out.

#### 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.