



### 1. Identification of the Substance

- Product Name: Organic Agave Syrup and derived sweeteners
- Type of Product: Edible product (liquid)
- Botanical Name: *Agave Nectar*
- Chemical Formula: Not available
- Usage: Food Industries

### 2. Composition and Information on ingredients

- Ingredient: Organic Agave Nectar
- % by weight: 100
- Appearance: Pale yellow to dark amber, sweet characteristic flavor and aroma

### 3. Health Information

- **Hypoallergenic: N/A**

### 4. First Aid Measures

- Inhalation: Due to the liquid and viscous consistency of the substance, inhalation is not considered a potential route of exposure. However, if inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist, seek immediate medical attention.
- Skin Contact: This product is slightly or not –irritant in topical contact. Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
- Eye Contact: If in eyes, hold lids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and or persist, seek immediate medical attention.
- Ingestion: The product is intended to be used as food or food ingredient, thus it is unlikely to cause adverse effects. If ingested in large amounts and symptoms develop see medical attention

### 5. Fire-fighting measures

- Extinguishing media: Water Dry chemical, carbon dioxide and foam.
- Unsuitable extinguishing media: N/A
- Fire and explosion hazards: This product will burn if exposed to fire. Heating can cause expansion or decomposition leading to violent rupture of containers. Under fire conditions this product may emit toxic and/or irritating fumes, smoke, and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

### 6. Handling and Storage

- Requirements for storerooms and containers: store in a dry area in specific container designed for certain materials with a gravity of 1.38 or greater.
- Load/unload temperature: Ambient.
- Storage temperature: lower than 40°C
- Avoid heat, open flames, and other sources of ignition.

### 7. Stability and Reactivity Data

- Stability: Stable under normal conditions of storage and handling.
- Reactivity: Reacts with incompatible materials.

### 8. Effects of Over Exposure:

- Inhalation: No hazard in normal industrial use, but when aerolized into liquid mist, may cause irritation to nose and throat.
- Skin contact: May be irritating to skin . The symptoms may include redness, itching, and swelling. Repeated skin exposure to this product may result in skin irritation and if persistent, dermatitis which may become infected.
- Eye contact: May be irritating to eyes. Symptoms include redness, itching and tearing.
- Ingestion: No hazard in normal industrial use, but ingestion may destabilize people with diabetes.

#### Disclaimer

The information contained herein is, to the best of our knowledge and belief, accurate of the date of publication. The recommendations presented in this Material Safety Data Sheet were compiled from actual test data (when available, comparison with similar products, component information from suppliers and from recognized codes of good practice). In all cases, it is the responsibility of the customer to determine the applicability of this information or the suitability of any product for their own particular purpose. All information is valid until revision. This document is printed automatically and has therefore not been signed.



#### 9. Toxicity Data:

- Acute: non- toxic- a foodstuff
- Fructose: LD50(rat): 4,000 mg/kg
- Glucose: LD50(rat): 25,800 mg/kg
- Sucrose: LD50(rat): 29,700 mg/kg

#### 10. Ecological Information

Non-toxic to aquatic and terrestrial organisms. Sucrose is an oxygen depleting substance in aquatic environments.

#### 11. Disposal Consideration

- Product can be treated as a common waste for disposal to an organic recycler or into a landfill site in accordance with relevant authority guidelines. Note Biochemical Oxygen Demand load of sugar solutions in waste water streams. Return product to supplier for reuse / recycling of possible. Consult supplier for recycling options. Recycle containers if possible, or dispose of in an authorized landfill. The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations. Transportation of wet sugar waste may require Waste Transport Certification.

#### 12. Transport Information

- Not classified as Dangerous Product according to Department of Transport of the United States of America for transport by road or rail.
- Not classified as Dangerous Good by the criteria of the International Air Transport Association (ATA) Dangerous Good Regulations for transport by air.
- Not classified as Dangerous Good by the criteria of the International Maritime Dangerous Goods Code (IMDG Code ) for transport by sea.

**Gras Status:** All International Organic Agave Alliance (IOAA) member processors are USA FDA certified / approved for making agave syrup for shipment into the United States for human consumption which, by definition, must be 'generally recognized as safe'. Agave syrup is obtained from 100% Agave by the thermal hydrolysis of inulin, a natural occurring polysaccharide (already with GRAS Status), into simple natural sugars (Fructose 80%, Glucose, 15%, Sucrose 4%). The agave Syrup's primary use is as a sweetener or for other food functionalities as part of formulation. There are no reports of adverse effect on human health when consumed in moderation.

#### 13. Other Information

- This Safety Data Sheet is concerned only with occupational exposures. The product described is a well-known ingredient in food and beverages.
- Date of preparation or last revision of SDS: June 2017
- **DISCLAIMER:** Product for food use only. Not for drug, household or other uses.

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