



Material Safety Data Sheet



Product Name: Nectevia®
Icon Foods, Inc. – USA – Product No. 1601
CAS Registry Number: 85186-53-4, 57817-89-7
Oregon Department of Agriculture, Food Safety Division Establishment #88294
FDA Food Manufacturing Facility # 15148186608
Compliant with JECFA guidelines

Identification:

Commercial Name: Nectevia
INCI Name: Agave Americana Leaf Extract
Chemical Name or Family: Agave americana polysaccharide series
Manufacturer: Icon Foods, Inc.

Composition:

CAS #	Component	Percent
85186-53-4	Organic Agave americana polysaccharide syrup	≥90%
57817-89-7	Organic 95% stevioside/60% Rebaudioside A	≤10%

Hazards:

Emergency Overview

Handle the product under the Good Manufacturing Practices and /or specific food safety regulations.

Potential Health Effects: Eyes

No effect

Potential Health Effects: Skin

Not expected to be a primary skin irritant.

Potential Health Effects: Ingestion

Large doses may cause gastrointestinal upset, but injection is not a likely route of entry.

Potential Health Effects: Inhalation

May cause irritation of the nose, throat, and respiratory tract,

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First Aid Measures:

Eye Contact: In case of contact with eyes, rinse immediately with plenty of water at least 15 minutes and seek medical advice.

Skin Contact: In case of contact with skins, wash with soap and water.

Oral Ingestion: If large amounts were swallowed, give water to drink and get medical attention.

Inhalation: If inhaled, immediately remove the affected person to fresh air. Seek medical attention if symptoms develop or persist.

Fire Fighting Measures:

General Fire Hazards

None.

Hazardous Combustion Products

May emit toxic fumes under fire conditions.

Extinguishing Media

Dry chemical, alcohol foam, carbon dioxide, water spray.

Fire Fighting Equipment/Instructions

Wear self-contained breathing and full protective clothing to prevent contact with skin and eyes.

Accidental Release Measures:

Clean-Up Procedures

Do not step on the product, you may slip. Wash the area with water, once clean dry the surface.

Pick up spill for recovery or disposal and place in a closed container.

Evacuation Procedures

None necessary.

Special Procedures

Flush the area with warm water. Avoid inhalation of dust from the product.

Handling and Storage

Handling Procedures

Avoid eye contact.

Special care must be taken to avoid buildup of dusts.

Special care must be taken to avoid inhalation exposure when using this product.

Storage Procedures

The recommended storage temperature is 70°F - 95°F for up to 24 months. The above information is typical and is meant to be a guide, not an absolute specification. It is correct to the best of our knowledge.

Exposure and Personal Protection:

Component Exposure Limits

None established

Engineering Controls

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Use explosion-proof equipment if high dust/air concentrations are possible.
Ventilation should effectively remove and prevent buildup of any organic dust generated from the handling of this product.
Local exhaust ventilation is recommended when generating excessive levels of airborne dust.

Personal Protective Equipment: Eyes/Face

Wear dust goggles.

Personal Protective Equipment: Skin

Wear impervious gloves

Personal Protective Equipment: Respiratory

Wear dust mask; when dust is generated and ventilation is not sufficient to effectively remove the dust, appropriate HEPA type filter with respirator must be used.

Personal Protective Equipment: General

Keep formation of dusts or particulates to a minimum.

Physical and Chemical Properties:

Physical Form: Viscous liquid
Color: light amber
Odor: Neutral
Boiling Point: 200 °F
Melting Point: N/A
pH: 3.5-5.5
Vapor Pressure: N/A
Vapor Density: N/A
Water Solubility: Soluble

Stability and Reactivity:

Chemical Stability

This is a stable material.

Conditions to Avoid

Avoid incompatibles.

Incompatibility

Strong oxidizing agents.

Hazardous Decomposition

Upon decomposition, this product emits carbon monoxide, carbon dioxide.

Hazardous Polymerization

Will not occur.

Toxicological Data:

ACUTE AND CHRONIC TOXICITY

Component Analysis - LD50/LC50

23 g/kg (mice, oral)

Carcinogenicity

The product is not anticipated being a carcinogen of IARC, ACGIH, and NTP.

Ecological Information:

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ECOTOXICITY

General Product Information

No information available for the product.

Component Analysis - Ecotoxicity - Aquatic Toxicity

No ecotoxicity data are available for this product.

Disposal Conditions:

Waste Disposal Instructions

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. Local government disposal regulations may differ from state disposal regulations. Dispose of container and unused contents in accordance with both state and local environment regulations.

Transport Information:

International Transportation Regulations

Not classified as hazardous for transportation

Regulatory Information:

Occupational Exposure Limits: N/A

Other Information:

Supplementary Dietary/ Food Use: FDA GRAS Status within the USA

Note: Based on its review of information and data submitted by industry, FDA has concluded there is no basis to object to the use of certain refined Stevia preparations in food. These refined Stevia preparations may be lawfully marketed and added to food products sold in the United States.

This conclusion was drawn through a process of self-affirmation which means that the ingredient is found to be safe by an expert panel review but a notice is not submitted to FDA. In order to obtain a no-objection letter with a GRAS notification, the stevia product must be manufactured under Good Manufacturing Practices regulations and must meet the JECFA specifications for purity, which include the requirement that 95% of the dry weight of the product must consist of the seven glycosides recognized by JECFA.

As published in the Official Journal of the EU as of November 11, 2011, steviol glycosides have been approved for use in foods sold in the European Union. The appropriate regulatory bodies—the joint FAO/WHO Expert Committee on Food Additives (JECFA) and the European Food Safety Authority

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(EFSA)—agree that the sweetening compound is safe for all populations to consume and is a suitable sweetening option for diabetics.

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