

## TECHNICAL DATA



<b>PRODUCT NAME:</b>	KetoseSweet Organic
<b>ICON FOODS PRODUCT CODE NUMBER:</b>	2060
<b>DESCRIPTION:</b>	Icon Foods KetoseSweet Organic is a natural, low-calorie sugar. KetoseSweet Organic is a monosaccharide, or simple sugar, and is found in nature in fruits such as raisins, figs, kiwis and jack fruit. Unlike other natural and synthetic sweeteners in the marketplace, KetoseSweet Organic tastes and functions like sugar because it is a sugar but contains almost zero calories while suppressing glycemic response. With less than 10% of the calories of sucrose, KetoseSweet Organic provides a clean, satisfying sweetness to any drink mix, bakery, frozen food, confectionary of dairy application. KetoseSweet Organic is complementary and works in synergy with other sweeteners to create low-calorie, cost-effective sweeteners systems. KetoseSweet Organic is recognized by the body as a simple sugar and is absorbed accordingly. However, clinical studies confirm that it is not metabolized and has no impact on blood glucose levels. Exhibiting a mouth-feel similar to table sugar, KetoseSweet Organic should be a staple “go to” ingredient within the research and development group of any company affiliated with food and beverage.
<b>COMPOSITION:</b>	Organic Allulose.
<b>COUNTRY OF ORIGIN:</b>	China.
<b>ALLERGENS:</b>	KetoseSweet Organic does not contain any commonly known sources of allergens. Labeling is not required under the FDA Food Allergen Labeling and Consumer Protection Act of 2004 or EU Directive 2007/68/EC
<b>KOSHER:</b>	KetoseSweet Organic is kosher certified.
<b>BSE:</b>	No animal derived ingredients are used in the production of KetoseSweet Organic.
<b>LABELING:</b>	KetoseSweet Organic complies with limits established for residual pesticides as per USP <561>. KetoseSweet Organic may be labeled as a “natural” ingredient under the regulations of the U.S. FDA and FTC.
<b>PACKAGING &amp; RECOMMENDED STORAGE CONDITIONS:</b>	KetoseSweet Organic comes in a 25 kg box/bag. KetoseSweet Organic should be stored in a cool & dry location in ambient conditions, not to exceed 85 degrees Fahrenheit. For long term storage, please keep refrigerated. Shelf life is 36 months when stored under recommended conditions.
<b>REMARKS:</b>	This item is a raw material for commercial use only.

The information contained in this bulletin should not be construed as recommending the use of our products in violation of any patent, or as warranties (expressed or implied) of non-infringement or its fitness for any particular purpose. Prospective purchasers are invited to conduct their own tests, studies, and regulatory review to determine the fitness of Icon Foods products for their particular purposes, product claims, or specific applications.

TECHNICAL DATA (CONT.)

PRODUCT NAME: KetoseSweet Organic



PARAMETERS	SPECIFICATIONS	METHODS
APPEARANCE	Crystalline Powder	Visual Inspection
COLOR	White to off-white/slightly yellow	Organoleptic
ALLULOSE, %	≥ 98.5	AOAC 2018.16
MELTING RANGE, °C	119 – 123	USP <741>
pH (1% SOLUTION)	3.0 – 7.0	AOAC 981.12; pH Meter
LOSS ON DRYING, %	≤ 1.0	AOAC 925.45
ASH, %	≤ 0.2	AOAC 930.05
MESH, U.S. STANDARD	20 – 80	ASTM C136
LEAD (Pb), ppm	≤ 0.5	AOAC 2011.19, 993.14, 2015.01
ARSENIC (As), ppm	≤ 0.5	AOAC 2011.19, 993.14, 2015.01
AEROBIC PLATE COUNT, cfu/g	≤ 1000	BAM, FDA Ch. 3; AOAC 996.23
YEAST & MOLD, cfu/g	≤ 100	BAM, FDA Ch. 18
COLIFORMS, cfu/g	≤ 10	BAM, FDA Ch. 4
<i>E. COLI</i> , /10g	Negative	BAM, FDA Ch. 4; AOAC 991.14
SALMONELLA, /25g	Negative	BAM, FDA Ch. 5; AOAC 2013.01



  
 Thomas J. King  
 Icon Foods, Inc.

The information contained in this bulletin should not be construed as recommending the use of our products in violation of any patent, or as warranties (expressed or implied) of non-infringement or its fitness for any particular purpose. Prospective purchasers are invited to conduct their own tests, studies, and regulatory review to determine the fitness of Icon Foods products for their particular purposes, product claims, or specific applications.

**CERTIFICATE OF ANALYSIS**

PRODUCT NAME: KetoseSweet Organic



LOT CODE: 2060 UU YY MM DD BB

MANUFACTURE DATE: MM/DD/YYYY

BEST BY: MM/DD/YYYY

INGREDIENTS: Organic Allulose

ITEMS	STANDARD	RESULTS	TEST METHOD
APPEARANCE	Crystalline Powder	Complies	Visual Inspection
COLOR	White to off-white/slightly yellow	Complies	Organoleptic
ALLULOSE, %	≥ 98.5	Complies	AOAC 2018.16
MELTING RANGE, °C	119 – 123	Complies	USP <741>
pH (1% SOLUTION)	3.0 – 7.0	Complies	AOAC 981.12; pH Meter
LOSS ON DRYING, %	≤ 1.0	Complies	AOAC 925.45
ASH, %	≤ 0.2	Complies	AOAC 930.05
MESH, U.S. STANDARD	20 – 80	Complies	ASTM C136
LEAD (Pb), ppm	≤ 0.5	Complies	AOAC 2011.19, 993.14, 2015.01
ARSENIC (As), ppm	≤ 0.5	Complies	AOAC 2011.19, 993.14, 2015.01
AEROBIC PLATE COUNT, cfu/g	≤ 1000	Complies	BAM, FDA Ch. 3; AOAC 996.23
YEAST & MOLD, cfu/g	≤ 100	Complies	BAM, FDA Ch. 18
COLIFORMS, cfu/g	≤ 10	Complies	BAM, FDA Ch. 4
<i>E. COLI</i> , /10g	Negative	Complies	BAM, FDA Ch. 4; AOAC 991.14
SALMONELLA, /25g	Negative	Complies	BAM, FDA Ch. 5; AOAC 2013.01

Oregon department of agriculture, food safety division establishment #88294  
 FDA food manufacturing facility #xxxxxxx6608

Remarks: This item is a raw material for commercial use only.

Storage: Store in a cool & dry location, not to exceed 85-degree Fahrenheit.  
 For long term storage, please keep refrigerated.

ISSUED BY:

The information contained in this bulletin should not be construed as recommending the use of our products in violation of any patent, or as warranties (expressed or implied) of non-infringement or its fitness for any particular purpose. Prospective purchasers are invited to conduct their own tests, studies, and regulatory review to determine the fitness of Icon Foods products for their particular purposes, product claims, or specific applications.

## COUNTRY OF ORIGIN STATEMENT

Oregon Department of Agriculture, Food Safety Division Establishment #88294

Compliant with JECFA guidelines

This letter is to certify that KetoseSweet Organic sold by Icon Foods, Inc. at the Portland, Oregon, USA facility, is manufactured in China.

If you have any questions, please contact Icon Foods Quality Assurance Division at 310-455-9876.

A handwritten signature in blue ink, appearing to read "TJ King".

Thomas J. King  
Icon Foods, Inc.

The information contained in this bulletin should not be construed as recommending the use of our products in violation of any patent, or as warranties (expressed or implied) of non-infringement or its fitness for any particular purpose. Prospective purchasers are invited to conduct their own tests, studies, and regulatory review to determine the fitness of Icon Foods products for their particular purposes, product claims, or specific applications.



**INGREDIENT STATEMENT**

PRODUCT INGREDIENT LIST  
PRODUCT NAME: KetoseSweet Organic  
PRODUCT NUMBER: 2060

INGREDIENTS	% RANGE COMPOSITION
Organic Allulose	100%

ICON FOODS, INC.  
19250 NE PORTAL WAY  
PORTLAND, OR 97230  
P: 310.455.9876

The information contained in this bulletin should not be construed as recommending the use of our products in violation of any patent, or as warranties (expressed or implied) of non-infringement or its fitness for any particular purpose. Prospective purchasers are invited to conduct their own tests, studies, and regulatory review to determine the fitness of Icon Foods products for their particular purposes, product claims, or specific applications.

## 100G NUTRITIONAL SPECIFICATIONS

PRODUCT NAME: KetoseSweet Organic

### NUTRITIONAL FACTS

Calories	40 kcal	
Total Fat	0 g	0%
Saturated Fat	0 g	0%
Trans Fat	0 g	
Cholesterol	0 mg	0%
Sodium	0 mg	0%
Total Carbohydrate	100 g	36%
Dietary Fiber	0 g	0%
Total Sugars	0 g	
Includes 0g Added Sugars		0%
Protein	0 g	
Vitamin D	0 mcg	0%
Calcium	0 mg	0%
Iron	0 mg	0%
Potassium	0 mg	0%

\*The % Daily Value tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.

### CARBOHYDRATES

### AMOUNTS PER 100G

Total Carbohydrate	99.80g
Dietary Fiber	0.0g
Starch	0.0g
Allulose	99.80g
Sugar Alcohols	0.0g

### FATS & FATTY ACIDS

### AMOUNTS PER 100G

Total Fat	0.0g
Saturated Fat	0.0g
Monounsaturated Fat	0.0g
Polyunsaturated Fat	0.0g
Total Trans Fatty Acids	0.0g

### PROTEIN & AMINO ACIDS

### AMOUNTS PER 100G

Protein	0.0g
---------	------

### VITAMINS

### AMOUNTS PER 100G

Vitamin A	0.0 IU
Vitamin C	0.0 mg
Vitamin D	0.0 IU
Vitamin E (Alpha Tocopherol)	0.0 mg

### MINERALS

### AMOUNTS PER 100G

Calcium	0.0 mg
Iron	0.0 mg
Potassium	0.0 mg
Sodium	0.0 mg

### OTHER

### AMOUNTS PER 100G

Water	≤ 1.0 g
Ash	≤ 1.0 g

The information contained in this bulletin should not be construed as recommending the use of our products in violation of any patent, or as warranties (expressed or implied) of non-infringement or its fitness for any particular purpose. Prospective purchasers are invited to conduct their own tests, studies, and regulatory review to determine the fitness of Icon Foods products for their particular purposes, product claims, or specific applications.

**SAFETY DATA SHEET**

**PRODUCT NAME:** KetoseSweet Organic  
**ICON FOODS, INC. – USA | PRODUCT #:** 2060  
**CAS REGISTRY NUMBER:** 511-68-8  
**OREGON DEPARTMENT OF AGRICULTURE, FOOD & SAFETY DIVISION ESTABLISHMENT #**88294  
**FDA FOOD MANUFACTURING FACILITY #**\*\*\*\*\*6608  
**COMPLIANT WITH JECFA GUIDLINES**

<b>IDENTIFICATION:</b>	Commercial Name: KetoseSweet Organic Manufacturer: Icon Foods, Inc.
<b>COMPOSITION:</b>	Allulose CAS# 511-68-8 Risk Phrases: None Safety Phrases 25-26: Not Mandatory
<b>HAZARDS:</b>	Not classified as dangerous according to directive 67/548/EEC or its amendments.
<b>FIRST AID MEASURES:</b>	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.
<b>FIRE FIGHTING MEASURES:</b>	Non-combustible and presents no special fire hazard Extinguishing media: N/A Protective Equipment: Standard equipment
<b>ACCIDENTAL RELEASE MEASURES:</b>	Absorb into an inert material and scrape up. Remove residue by scrubbing with hot water or detergent solution.
<b>HANDLING &amp; STORAGE:</b>	Store in a cool & dry location in ambient conditions, not to exceed 85 degrees Fahrenheit. For long term storage, please keep refrigerated.
<b>EXPOSURE &amp; PERSONAL PROTECTION:</b>	In accordance with good industrial practice and handling, use standard eye protection.
<b>PHYSICAL &amp; CHEMICAL PROPERTIES:</b>	Physical Form: Crystalline powder Color: White/Off-White Odor: -- Boiling Point: -- Melting Point: -- Viscosity @ 20 degree C: -- Flash Point: -- Flammability Solid/Gas: -- Auto Flammability: -- Specific Refractive: -- Explosive Properties: -- pH (100% Concentrate): -- Oxidizing Properties: -- Vapor Pressure: -- Density: -- Water Solubility: Soluble Other Solubility: In most Basic Food Grade Solvents Partition Coefficient: -- (Octanol/Water): -- Explosive Limits: --
<b>STABILITY &amp; REACTIVITY:</b>	Thermal Decomposition: Stable under normal conditions of use.
<b>TOXICOLOGICAL DATA:</b>	Oral: Essentially non-toxic and edible in small quantity. Dermal: Expected to be essentially non-toxic.

The information contained in this bulletin should not be construed as recommending the use of our products in violation of any patent, or as warranties (expressed or implied) of non-infringement or its fitness for any particular purpose. Prospective purchasers are invited to conduct their own tests, studies, and regulatory review to determine the fitness of Icon Foods products for their particular purposes, product claims, or specific applications.

**ECOLOGICAL INFORMATION:**

Inhalation: Slight Ethanolic Sting – irritation

Toxic Effects: None

Eye: Very Mild/Minimal – Not a transient Conjunctival Irritant at 10% concentrate in water (Eyetex classification).

Biodegradation: Expected to be ultimately biodegradable.

Fish Toxicity: No Data.

**DISPOSAL CONDITIONS:**

Dispose of according to local, state, and federal regulations.

**TRANSPORT INFORMATION:**

UN Number: N/A

UN Name: Not Assigned

IMDG Code/Class: Not Hazardous

IMDG Code Page No: N/A

ICAO/IATA Air Class: Non-Hazardous

ICAO/IATA Air Class Packing Group: N/A

RID/ADR Class: Non-Hazardous

ADNR Class: Non-Hazardous

**REGULATORY INFORMATION:**

Occupational Exposure Limits: N/A

**OTHER INFORMATION:**

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

Information contained herein as well as any representations made regarding this information are believed to be accurate and reliable however no warranty or guarantee, express or implied, is made regarding information and/or product.

The information contained in this bulletin should not be construed as recommending the use of our products in violation of any patent, or as warranties (expressed or implied) of non-infringement or its fitness for any particular purpose. Prospective purchasers are invited to conduct their own tests, studies, and regulatory review to determine the fitness of Icon Foods products for their particular purposes, product claims, or specific applications.

VERSION HISTORY

VERSION #	DATE	REVISIONS	APPROVAL
1.1	03/24/2026	Added mesh size to spec.	ZN
1.2	05/05/2026	Refined specs for allulose.	ZN

The information contained in this bulletin should not be construed as recommending the use of our products in violation of any patent, or as warranties (expressed or implied) of non-infringement or its fitness for any particular purpose. Prospective purchasers are invited to conduct their own tests, studies, and regulatory review to determine the fitness of Icon Foods products for their particular purposes, product claims, or specific applications.