



Technical Data Sheet DuSweet 4 – 42% High Fructose Corn Syrup

Description

Fructose-glucose syrup, also known as high fructose corn syrup (HFCS), is a starch syrup made from plant starch through hydrolysis and isomerization (and purification). With unique flavor, it is an important sweetening agent.

Common Uses:

- Ingredient for recipes that call for something sweet, like beverages, soft drinks, fruit juice, cakes and pastries, canned fruit, jams, dry fruit, dairy products, and oral liquids.
- Used in pharmaceutical products.
- Health & Personal Care products.
- Agricultural and animal feed products.
- We commonly blend Du-Sweet 4 with Du-Bake to produce the ideal sweetness level and texture for a variety of products.

Claims:

Kosher Pareve
 SQF Food Safety and Food Quality

Handling and Storage:

Store at 70°F - 85°F in a dry and odor free environment

Shelf Life:

12 Months from the date of manufacture

Product Specifications

Total Solids	71%
Moisture	29%
pH (1:1)	3.3 – 4.3
Sulfur Dioxide (SO ₂)	3 ppm max
Carbohydrate Composition	
Dextrose	50 % db
Fructose	42 % db
Maltose	1.5 % db
Isomaltose	1.5 % db
Higher Saccharides	5 % db
Pounds per Gallon	11.40

Viscosity

°F	cP
41	1,118
50	676
59	426
68	277
77	187
86	130
95	93
104	68
113	50

Available Products

Item #	Pack	Weight	Size (L x W x H)	Cube	Ti x Hi	Pallet QTY
400021	4 x 1 Gallon	45.6 #	12.5 x 12.5 x 12.375	1.12	12 x 4	24
304006	Plastic Pail	57 #	10.405 x 14.5 x 11.3	0.99	12 x 2	24
304003	Drum	630 #	23.06 x 23.06 x 34.56	8.33	3 x 1	3
304002	Tote	3,000 #	48 x 40 x 48	45.56	1 x 1	1

Company	Product Name	Document Type	Date Updated	Page
Gateway Food Products	DuSweet 4 – 42% High Fructose Corn Syrup	Technical Data Sheet	06/16/23	1



Technical Data Sheet DuSweet 4 – 42% High Fructose Corn Syrup

Country of Origin:
 United States

Food Grade Statement:

Gateway Food Products Company hereby certifies that DuSweet 4 – 42% High Fructose Corn Syrup is Generally Recognized as Safe (GRAS) as per 21CFR 182.1 and it is manufactured in Good Manufacturing Practices and is safe for its intended use

Ingredients: 42% High Fructose Corn Syrup

Nutrient	Per 20g	Per 100g
Calories	60	284
Total Fat	0 g	0 g
Saturated Fat	0 g	0 g
Polyunsaturated Fat	0 g	0 g
Monounsaturated Fat	0 g	0 g
Trans Fat	0 g	0 g
Cholesterol	0 g	0 g
Total Carbohydrate	14 g	71 g
Total Sugar	14 g	69 g
Added Sugars	14 g	69 g
Polyols	0 g	0 g
Starches	0 g	0 g
Dietary Fiber	0 g	0 g
Proteins	0 g	0 g
Minerals		
Sodium	0 g	0 g
Calcium	0 g	0 g
Iron	0 g	0 g
Potassium	0 g	0 g
Vitamins		
Vitamin D	0 g	0 g
Vitamin A	0 g	0 g
Vitamin C	0 g	0 g
Moisture	5.8 g	29 g

Nutrition Facts	
† servings per container	
Serving size	1 TBSP (20g)
Amount per serving	
Calories	60
<i>% Daily Value*</i>	
Total Fat 0g	0%
Saturated Fat 0g	0%
Trans Fat 0g	
Cholesterol 0mg	0%
Sodium 0mg	0%
Total Carbohydrate 14g	4%
Dietary Fiber 0g	0%
Total Sugars 14g	
Includes 14g Added Sugars	28%
Protein 0g	
Vitamin D 0mcg	0%
Calcium 0mg	0%
Iron 0mg	0%
Potassium 0mg	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.	

† Servings Per Container

Package Size	Servings Per Container
Gallon Container	259
4 x 1 Gallon	1,034
Pail	1,293
Drum	14,288
Tote	68,040

Company	Product Name	Document Type	Date Updated	Page
Gateway Food Products	DuSweet 4 – 42% High Fructose Corn Syrup	Technical Data Sheet	06/16/23	2



Technical Data Sheet DuSweet 4 – 42% High Fructose Corn Syrup

Allergen/Sensitivity:

DuSweet 4 – 42% High Fructose Corn Syrup does not contain any of the nine major allergens, which are soy, eggs, peanut, milk, wheat, tree nuts, fish, shellfish and sesame.

Allergen	In the Product	On the same Line	In the Facility
Soy	No	No	Yes
Wheat	No	No	Yes
Gluten	No	No	Yes
Milk	No	No	Yes
Fish	No	No	Yes
Egg	No	No	Yes

GMO Statement GMO Free

The products manufactured by our corn syrup suppliers are manufactured from corn developed by biotechnology methods commonly referred to as “genetically modified”. However, the products themselves are not Genetically Modified Organisms (“GMO’s”) since they are not biological entities capable of replication or of transferring genetic material. In addition, our corn syrup products are not manufactured by biotechnology methods (i.e. recombinant deoxyribonucleic acid (DNA techniques).

According to best available scientific methodology (i.e. PCR testing), our products are not expected to contain GMO’s or residues of protein or DNA associated with genetic modification.

Labeling requirements for biotechnology and GMO’s vary within different regions of the world. Please consult local regulatory representatives for determination of the labeling requirements for the region that the consumer product(s) will be marketed.

In reference to the USA federal regulations, please find below the URL address to the US Food and Drug Administration draft guidance document regarding the voluntary labeling for foods that have or have not been developed using bioengineering

Company	Product Name	Document Type	Date Updated	Page
Gateway Food Products	DuSweet 4 – 42% High Fructose Corn Syrup	Technical Data Sheet	06/16/23	3