



CASCO™ 42 DE Corn Syrup/Glucose 01 I 440

Casco™ 42 DE Corn Syrup/Glucose 01 I 440 is an acid conversion, normal viscosity syrup.

Chemical and Physical Properties

	Min.	Max.
Dry Substance, %	79.7	81.5
Dextrose Equivalent (D.E.)	41.0	46.0
Color, CP	-	1.2
Conductivity (µmhos/cm @ 30% d.b.)	-	35
SO ₂ , ppm	-	< 10
Ash, %	-	0.05
Apparent Starch		Negative

Sensory Data

Odor	No detectable foreign odor
Flavor	Clean, typical taste

Carbohydrate Profile, % d.b. Typical

Dextrose	20
Maltose	13
Maltotriose	12
Higher Saccharides (DP4+)	55

Microbiological Standards Max.

Standard Plate Count/g	100
Yeast/g	20
Mold/g	20

Nutritional Data/100 g Typical

Calories	323
Calories from fat	0
Total Fat, g	<0.1*
Cholesterol, mg	0
Sodium, mg	7
Total Carbohydrate, g	80.7
Dietary Fiber, g	0
Total Sugars**, g	27.8
Added Sugars, g	0
Other Carbohydrate, g	52.9
Protein, g	<0.1*
Vitamin D, mcg	0
Calcium mg	1
Iron, mg	<0.1*
Potassium, mg	5
Ash, g	<0.1*

* Not present at level of quantification.

** "Total Sugars" in this product may contribute to "Added Sugars" for nutrition labeling purposes in the final consumer product.

Certification

Kosher pareve
Halal

Packaging and Storage

Drum
Bulk

Recommended bulk handling and storage temperature is between 120°F-130°F (49°C-54°C) to improve ease of handling and minimize color development. For prolonged storage, lower temperatures are recommended.

Packaged product should be stored in a clean, dry area and not exposed to prolonged high temperature.

Shelf Life

1 year

Regulatory Data

CAS No. 8029-43-4

United States

Meets FCC (Food Chemical Codex) requirements.
Standard of Identity 21 CFR 168.120
GRAS Affirmation 21 CFR 184.1865
Labeling Corn Syrup or Glucose Syrup

Canada

Standard Food CFDA Regulation
Standard of Identity B.18.016 or B.18.018
Labeling Glucose or Glucose Syrup or Corn Syrup

Effective Date: April 27, 2022

Next Review Date: April 27, 2025

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