

# Farmal™ HFS 2656

## High Fructose Corn Syrup 026560

INCI Name: \*High Fructose Corn Syrup (Hydrolyzed Corn Syrup)

Concentrated solution of vegetable carbohydrates, produced through the hydrolysis of corn starch.

### Chemical and Physical Properties

	Mins.	Max.
Dry Substance, %	76.8	77.4
Color, RBU	---	25
pH (as is)	3.5	4.3
Ash, % Sulphated	---	0.05

Typical Composition Profile	% db
Fructose	55.0
Fructose and Dextrose	> 95.0
Higher Saccharides (DP2+)	< 5.0

### Density & Viscosity vs. Temperature

Temp°F	Kg/Liter	Lbs/Gal	Viscosity, cps
80	1.379	11.51	700
100	1.372	11.45	250
120	1.367	11.41	100

### Sensory Data

Odor No detectable foreign odor

### Microbiological Standards Typical

Bacteria/10g, DSE*	< 200
Yeast/10g, DSE*	< 10
Mold/10g, DSE*	< 10

\*Dry Solids Equivalent

### Main Uses:

Personal Care: Body Lotions, Facial Cleansing Lotions, Body Washes.

### Features and Benefits

Personal Care Products: It helps the skin retain moisture. Provides a soft feel to the skin.

### Packaging and Storage

Drum  
Pails

Recommended handling and storage temperature is between 80° - 95°F (27° - 35°C) to prevent dextrose crystallization and minimize color development.

### Regulatory Data

CAS no. 8029-43-4

### United States

Standard of Identity 21 CFR 168.120  
GRAS Affirmation 21 CFR 184.1866  
Labeling: High Fructose Corn Syrup  
INCI: Saccharide Hydrolysate  
\*INCI Applied for

### Canada

Standard Food  
Labeling Glucose-Fructose



©2006 Corn Products International, Inc.

*This information is presented in good faith, but is not to be construed as a warranty or binding promise. It is offered solely for your consideration, investigation and verification. Corn Products International, Inc. and its affiliates expressly disclaim all warranties, expressed or implied, including but not limited to, warranties of merchantability, accuracy, fitness for use or for a particular purpose, and noninfringement. The United Nations Convention on Contracts for the International Sale of Goods shall not apply to sales of products by Corn Products International, Inc. and its affiliates.*



All trademarks are owned by Corn Products International, Inc. or its affiliates.

5 Westbrook Corporate Center  
Westchester, IL 60154  
800.443.2746  
www.comproductsus.com