



# GHS SAFETY DATA SHEET

Glucose Syrup

SDS DATE: 07/12/2022

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME (GHS Product Identifier):** Glucose Syrup  
**(Other means of Identification):** Clean Sugar, Dextrose Syrup, Corn Syrup, Corn Sweetener

**PRODUCT INTENDED USE AND RESTRICTION:** Further processing

**NAME, ADDRESS & TELEPHONE NUMBER OF THE RESPONSIBLE PARTY:**

**Company**  
Green Plains Trade Group LLC  
1811 Aksarben Drive, Omaha, NE 68106  
Phone: 402-884-8700  
Email: EHSS@gpreinc.com

**CHEMTREC PHONE (24HR Emergency Telephone):** 1-800-424-9300 (Within U.S.A)  
**INTERNATIONAL CHEMTREC CALL:** 1-703-527-3887  
**OTHER CALLS:** 1-402-884-8700 (M-F, 8 AM-5 PM, Central time (U.S.A & Canada); within U.S.A)  
**FAX PHONE:** 1-402-884-8776 (M-F, 8 AM-5 PM, Central time (U.S.A & Canada); within U.S.A)

## SECTION 2: HAZARDS IDENTIFICATION

**GHS LABELING AND CLASSIFICATION:** This product meets the definition of the following hazard classes as defined by the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

**GHS CLASSIFICATION ACCORDING TO ANNEX II:**

HEALTH	ENVIRONMENTAL	PHYSICAL
Not Classified	Not Classified	Not classified
<b>SIGNAL WORD:</b>		<b>NONE</b>
<b>SYMBOL:</b>		N/A
<b>HAZARD STATEMENT:</b>		N/A
<b>PRECAUTIONARY STATEMENTS:</b>	<b>PREVENTIVE:</b>	Observe food industrial practices
	<b>RESPONSE:</b>	Wash hands after handling
	<b>STORAGE:</b>	Store away from incompatible materials
	<b>DISPOSAL:</b>	Dispose of waste and residues in accordance with local authority requirements

Any Regional Considerations: N/A

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**CHEMICAL NAME:** Corn Syrup  
**COMMON NAME:** Glucose  
**CHEMICAL FAMILY:** N/A  
**CHEMICAL FORMULA:** N/A

**INGREDIENT:**

NAME	CAS#	EC#	ICSC#	% WT	% VOL
Corn Syrup	8029-43-4	N/A	N/A	100	N/A

**CARCINOGENICITY**

**OSHA:** NOT LISTED      **ACGIH:** NOT LISTED      **NTP:** NOT LISTED      **IARC:** NOT LISTED  
**OTHER:** N/A

**IMPURITIES/STABILIZING ADDITIVES IDENTIFICATION:** N/A

**IMPURITIES/STABILIZING ADDITIVES CLASSIFICATION (if applicable):** N/A



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## SECTION 4: FIRST AID MEASURES

Contaminated individuals of chemical exposure must be taken for medical attention if any adverse effect occurs. Rescuers should be taken for medical attention, if necessary. Take copy of label and SDS to health professional with contaminated individual.

**EMERGENCY OVERVIEW:** Avoid body contact; avoid ingestion; wear appropriate PPEs

### ROUTES OF ENTRY/FIRST AID:

**EYES CONTACT:** Rinse with water. Get medical attention if symptoms develop

**SKIN CONTACT:** Wash with soap and water. Get medical attention if symptoms develop

**INHALATION:** Move to fresh air. Call a physician if symptoms develop

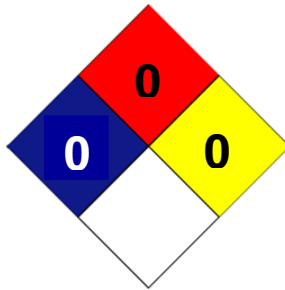
**INGESTION:** Rinse mouth. Get medical attention if symptoms develop

## SECTION 5: FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Water fog, foam, dry chemical powder, carbon dioxide

**PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS:** Wear appropriate PPEs

### NFPA HAZARD CLASSIFICATION:



HEALTH=0  
FLAMMABILITY=0  
REACTIVITY=0  
OTHER=N/A

### HMIS HAZARD CLASSIFICATION (0-4 scale):

Syrup	
HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B
Safety glasses, glove	

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**SMALL SPILLS:** Wipe up with absorbent material, clean surface

**ENVIRONMENTAL PRECAUTIONS:** Keep product away from sewers, aquatic water bodies

## SECTION 7: HANDLING AND STORAGE

**PRECAUTION FOR SAFE HANDLING:** Use with adequate ventilation

**CONDITIONS FOR SAFE STORAGE (any incompatibilities):** Keep container closed, store in a ventilated place

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**EXPOSURE LIMITS:** No limited noted



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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** Colorless to amber liquid

**PHYSICAL STATE:** Liquid

**ODOR:** Odorless

**pH AS SUPPLIED:** 6-9

**pH (Other):**

**FLAMMABILITY (by %volume):** N/A

**SOLUBILITY IN WATER:** Soluble

**AUTO-IGNITION TEMPERATURE:** No Data

**DECOMPOSITION TEMPERATURE:** No Data

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 1.45

**PERCENT VOLATILE:** No Data

**MOLECULAR WEIGHT:** N/A

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## SECTION 10: STABILITY AND REACTIVITY

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**REACTIVITY:** Stable and non-reactive under normal conditions

**POSSIBILITY OF HAZARDOUS REACTIONS:** No dangerous reactions known

**INCOMPATIBILITY MATERIAL:** Strong oxidizing agents

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known

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## SECTION 11: TOXICOLOGICAL INFORMATION

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**ROUTES OF EXPOSURE:** Ingestion, Physical Contact

**SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:**

**CONTACT WITH EYE:** May cause eye irritation

**CONTACT WITH SKIN:** May cause skin irritation

**INHALATION:** No adverse effects expected

**INGESTION:** Ingestion may cause irritation and malaise

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## SECTION 12: ECOLOGICAL INFORMATION

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**ECOTOXICITY (AQUATIC AND TERRESTRIAL, WHERE AVAILABLE):** Not expected to be harmful to aquatic organisms

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## SECTION 13: DISPOSAL CONSIDERATIONS

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**DISPOSAL METHOD:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site

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## SECTION 14: TRANSPORT INFORMATION

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**DOT:** Not Regulated

**IATA:** Not Regulated



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IMDG: Not Regulated

## SECTION 15: REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS

**TOXIC SUBSTANCE CONTROL ACT (TSCA):** All chemicals are listed or exempt from listing in the toxic substances control act inventory

**OCCUPATIONAL, SAFETY AND HEALTH ADMINISTRATION (OSHA):** Not an OSHA specifically regulated substance

**COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT (CERCLA):** This product is not a listed hazardous substance and does not have a reportable quantity

**CLEAN WATER ACT (CWA):** N/A

**CLEAN AIR ACT (CAA):** N/A

### SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) TITLE III INFORMATION:

**SARA SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES:** N/A

**SARA SECTION 311/312 (40 CFR 370) HAZARD CATEGORIES:** N/A

**SARA SECTION 313 REPORTABLE INGREDIENTS:** N/A

**STATE REGULATIONS:** N/A

**INTERNATIONAL REGULATIONS:** N/A

## SECTION 16: OTHER INFORMATION

**DISCLAIMER:** The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

### REFERENCES:

- GHS Annex II
- GHS SDS Instruction

### ACRONYMS/ABBREVIATIONS:

- ACGIH-American Conference of Governmental Industrial Hygienists
- CAA-Clean Air Act
- CAS-Chemical Abstracts Service
- CERCLA-Comprehensive Response Compensation and Liability Act
- CHEMTREC-It serves as a round-the-clock resource for obtaining immediate response information for incidents involving hazardous material and dangerous goods.
- CWA-Clean Water Act
- EC-European Commission
- GHS-Globally Harmonized System of Classification and Labeling of Chemicals
- IARC-International Agency for the Research on Cancer
- ICSC-International Chemical Safety Cards
- LC50-The concentration of a chemical in air or of a chemical in water which causes the death of 50% of a group of test animals.
- LD50-The amount of a chemical, given all at once, which causes the death of 50% of a group of test animals.
- NIOSH-The National Institute for Occupational Safety and Health
- NTP-National Toxicology Program
- OSHA-Occupational Safety and Health Administration
- RCRA-Resource Conservation and Recovery Act
- RQ-Reportable Quantity
- SARA-Superfund Amendments and Reauthorization Act
- STOST-SE-Specific Target Organ Toxicity Single Exposure
- TPQ-Threshold Planning Quantity
- TSCA-Toxic Substance Control Act
- U.N.-United Nation
- UNCED-United Nations Conference on Environment and Development
- VOL-Volume
- WT-Weight