



Univar USA Inc Safety Data Sheet

SDS No:

Version No:

Order No:

3075 Highland Pkwy, Ste 200, Downers Grove, IL 60515
(425) 889 3400

Emergency Assistance

For emergency assistance involving chemicals call
Chemtrec - (800) 424-9300



Material Safety Data Sheet

Globe® 55 HM Corn Syrup (Glucose) Solids 019530

PRODUCT INFORMATION

Product Identity Globe® 55 HM Corn Syrup (Glucose) Solids 019530

Product Use Food Application

Company Ingredion Incorporated
5 Westbrook Corporate Center
Westchester, IL 60154 USA
Info/Emergency Phone: (708) 551-2600
Fax: (708) 551-2510
Business Hours: Mon - Fri, 7:30 a.m. – 5:00 p.m.
(Central Time)

Ingredion Canada Incorporated
1600-90 Burnhamthorpe Road West
Mississauga, ON L5B 0H9 Canada
Info/Emergency Phone: (905) 281-7950
Fax: (905) 281-7951
Business Hours: Mon - Fri, 7:30 a.m. – 6:00 p.m.
(E.S.T)

COMPOSITION/INFORMATION ON INGREDIENTS

Substance	% or Range	CAS Number	EINICS Number	Toxicology Data
Corn Syrup Solids	≤100	68131-37-3	232-940-4	LD ₅₀ : No data available LC ₅₀ : No data available

HAZARDS IDENTIFICATION

Toxicity Inhalation of dust may irritate the nose, throat, and upper respiratory tract. Skin contact is not known to be hazardous to health. Eye contact may cause mild transient irritation. Ingestion of quantities sufficient to produce health effects is not a plausible route of exposure in industrial use.

Reactivity Non-Reactive

Flammability See *Fire and Explosion Hazards and Firefighting Measures*.

Corrosivity This product is non-corrosive

S Phrase(s) None designated

R Phrase(s) None designated.

FIRST AID MEASURES

Inhalation Remove the subject from the source of exposure.

Skin Contact Wash affected area with water.

Eye Contact Flush eyes with water for at least fifteen minutes. Seek medical assistance, if necessary.

Ingestion If the product is accidentally ingested, seek medical attention.

FIRE AND EXPLOSION HAZARDS AND FIREFIGHTING MEASURES

Hazards High concentrations of product dust from this product may burn explosively if ignited by static charges or other ignition sources. The conditions under which this may occur are not readily predictable. Avoid open flames, electrical arcs, static electricity, and/or welding in areas of excessive dusting. Ensure that conveying and handling equipment is securely grounded. Fire and explosions may release carbon monoxide, smoke, and irritant combustion byproducts.

Extinguishing media Water, carbon dioxide, or dry chemical.

Fire and Explosion Hazards Data

Flashpoint:	No data available	Autoignition temperature:	No data available
Lower Explosive Limit:	No data available	Upper Explosive Limit:	No data available

PREVENTIVE MEASURES

◆ Accidental Release Measures

Control Eliminate sources of ignition and static charge. Dry sweep spilled material to impervious containers. Avoid direct

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Measures	release to environmental media.
Personal Protection	Avoid contact with skin, eyes, and mucous membranes. Protective equipment is not required for clean up unless high dust levels exist. In such cases, wear respiratory protection appropriate for particulate matter in air, and that is approved and qualified.
Environmental Precautions	Dispose of residues in compliance with applicable national, state/provincial, and local regulations.

◆ Handling and Storage

Handling	Avoid contact with eyes and mucous membranes. Avoid creating dust clouds.
Storage	Store in a cool, dry place away from sources of ignition and incompatible materials (see Stability and Reactivity for incompatible materials).

◆ Exposure Controls and Personal Protection

Engineering Controls	Where use of the product may generate airborne dust, use appropriate measures such as local exhaust ventilation to maintain air concentrations of the components to within their respective exposure limits.
Respiratory Protection	If any exposure level exceeds a permissible limit, use a respirator having a configuration (class, face piece, filter, etc.) appropriate to the concentration and approved and qualified for the application.
Eye Protection	Wear appropriate eye protection such as goggles or glasses if there is the potential for eye contact with the product.
Skin Protection	Skin protection is not normally required. If it is desired, cloth or synthetic gloves are suitable.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Form:	Powder	Color/colour:	White	Odor/odour:	None or faint cereal-like
	Moisture %:	≈4.0	Density:	448 – 608 kg/m ³ (28 – 38 lbs./ft ³)	Water Solubility:	Not Soluble
Physical Data	pH Value:	Not applicable	Minimum Ignition Energy :	300-500 milliJoules (mJ)	Minimum Ignition Temperature:	430-450°C (dust cloud)

STABILITY AND REACTIVITY

Conditions to avoid	This product is stable under normal conditions of temperature and pressure.
Materials to avoid	Oxidizing/oxidising agents
Decomposition products	Carbon monoxide; carbon dioxide; irritant gasses, and smoke
Dangerous polymerization/ polymerisation	Will not occur.
Dangerous reactions	None are known or reasonably foreseeable

TOXICOLOGICAL INFORMATION

Health Hazards of Product	Routes of Entry:	Inhalation and ingestion. Not absorbed through skin or mucous membranes.			
	Acute Effects:	Inhalation may irritate the nose, throat, and respiratory tract. Eye contact may cause mild transient irritation. Ingestion of quantities sufficient to produce adverse health effects is not a plausible route of exposure in industrial use. Skin contact is not known to be hazardous.			
	Chronic Effects:	Adverse effects from chronic inhalation or ingestion are not known.			
Exposure Limits	ACGIH TLVs, as Particulates Not Otherwise	10 mg/m ³ (inhalable fraction)	OSHA PELs, as Particulates Not Otherwise Regulated:	15 mg/m ³ (total dust)	5 mg/m ³ (respirable fraction)

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Classified:				
Carcinogenicity	IARC:	No	NTP (USA):	No
	ACGIH:	No	OSHA (USA):	No
Reproductive Toxicity	Product is not classified as a reproductive toxin by any authoritative body or regulatory agency.			

ECOLOGICAL INFORMATION

In its intended manner of use, this product should not be released directly into environmental media. However, it is readily biodegradable in the natural environment.

TRANSPORT INFORMATION

Shipment of this product is not controlled by ICAO, USDOT, or Mexican NOM-004-SCT-2000 regulations.

REGULATORY INFORMATION

United States	TSCA:	All constituents are on EPA's TSCA inventory.
	CERCLA:	Contains no reportable quantity (RQ) substances per Sections 302/304 of EPA.
	SARA:	Contains no chemicals subject to the reporting requirements of Sections 313 of EPA
	FDA:	Classified as Generally Regarded as Safe (GRAS)
Canada	WHMIS Classification(s):	Not applicable
	DSL:	Product is included.
Europe	Food and Drug Act:	Product is regulated as standard foodstuff.
	Exempt from OECD (793/93/EEC) List for Evaluation of High Production Volume (HPV) Chemicals; EU EINECS 232-679-6;	
Elsewhere	Present on Korean Existing and Evaluated Chemical Substances (KECL) as KE-22996; Present on Philippines (PICCS) and Australia (AICS) China's Product Inventory Lists	
EU Reach:	EU -REACH (1907/2006) - Annex IV - Exemptions from the Obligation to Register (Article 2(7)(a)).	

PREPARATION INFORMATION

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