

SAFETY DATA SHEET

MALTISWEET® CM40 Crystalline Maltitol NF/FCC

1. Identification

Product identifier:

Product number: 263022
Product name: MALTISWEET® CM40 Crystalline Maltitol NF/FCC

Other means of identification:

Chemical family: No data available

Recommended use and restrictions on use:

Recommended use: Not Available

Restrictions on use: Not Available

Initial supplier identifier:

Ingredion Canada Corporation
1600 - 90 Burnhamthorpe Road West
Mississauga, Ontario, L5B 0H9, Canada
(905) 281-7950 (business hours)

Emergency telephone number and any restrictions on the use of that number, if applicable:

MEDICAL: 1-866-374-2659 (Health & Safety Call Center - 24 hours)
TRANSPORT: 1-800-424-9400 (CHEMTREC - 24 hours)

2. Hazard identification

Classification of the chemical is in accordance with Hazardous Products Regulations (HPR) as implemented under the Workplace Hazardous Materials Information System (WHMIS):

GHS Hazard Symbols:

No hazard symbols required

Hazard Statements:

No Hazard Statement needed.

Label elements:

GHS Classification: Not classified as hazardous in accordance with WHMIS 2015

Signal Word: No Signal Word needed.

Precautionary Statements: No Precautionary Statement needed.

Physical hazards not otherwise classified:

Hazard Category: None known.

Health hazards not otherwise classified:

Hazard Category: None known.

Other hazards known to the supplier with respect to the hazardous product:

None known.

% unknown toxicity (Oral):

100 % of the mixture consists of ingredients of unknown toxicity

% unknown toxicity (Dermal):

100 % of the mixture consists of ingredients of unknown toxicity

3. Composition/information on ingredients

Chemical Name	CAS registry number and any unique identifiers	Concentration (% by weight)
None classified as hazardous under the Workplace Hazardous Materials Information System (WHMIS).		

4. First-aid measures

A description of necessary first-aid measures, subdivided according to the different routes of exposure (inhalation, ingestion, skin and eye contact):

Inhalation:

This material does not present a hazard if inhaled. Remove individual to fresh air after an airborne exposure if any symptoms develop, as a precautionary measure.

Ingestion:

No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS.

Skin Contact:

Wash with soap and water for no less than 15 minutes.

Eye Contact:

Flush eyes with plenty of water for at least 30 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.

Most important symptoms and effects, whether acute or delayed:

Not considered as hazardous.

Indication of immediate medical attention and special treatment needed, if necessary:

No further first aid information is available.

5. Fire-fighting measures

Suitable and unsuitable extinguishing media:

Suitable extinguishing media:

Use methods suitable to fight surrounding fire.

Unsuitable extinguishing media:

None known.

Specific hazards arising from the hazardous product:

No data available

Hazardous combustion products:

Carbon monoxide, carbon dioxide.

Special protective equipment and precautions for fire-fighters:

Do not enter fire area without proper protection including self- contained breathing apparatus and full protective equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment as required.

Methods and materials for containment and cleaning up:

Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so.

7. Handling and storage

Precautions for safe handling:

As with all chemicals, good industrial hygiene practices should be followed when handling this material.

Conditions for safe storage, including any incompatibilities:

Safe storage conditions:

Keep container closed when not in use.

Other precautions:

None known

Materials to Avoid/Chemical Incompatibility:

None known

8. Exposure controls/personal protection

Control parameters, including occupational exposure limit values or biological limit values and the source of those values:

Chemical Name	OSHA PEL	ACGIH TLV-TWA	AIHA Exposure limits
No data available			

Appropriate engineering controls:

None required under normal handling conditions.

Individual protection measures, such as personal protective equipment:

Respiratory Protection:

No respiratory protection is recommended while working with this material. However, if operating conditions create high vapor or mist concentration, use of an approved respirator is recommended.

Eye protection:

Employee must wear splash-proof or dust-resistant safety goggles and a faceshield to prevent contact with this substance.

Skin protection:

Skin protection may be required depending on product temperature.

Gloves:

Gloves are not normally required for foreseeable conditions of use.

Other protective equipment: Not available

General hygiene conditions: Wash before eating, drinking, or using toilet facilities.

9. Physical and chemical properties

Appearance, such as physical state and colour:

Physical state: Crystalline powder

Colour: White

Odour: No detectable foreign odor

Odour threshold: Not available

pH: 3.5 - 7

pH in (1%) Solution: Not available

Melting point and freezing point:

Melting point (°C): 144 - 147 °C

Freezing point (°C): Not available

Initial boiling point and boiling range: Not available

Flash point: Not applicable

Evaporation rate: Not applicable

Flammability, in the case of solids and gases: No

Upper and lower flammability or explosive limits:

Upper flammability or explosive limits: Not available

Lower flammability or explosive limits: Not available

Vapour pressure: Not available

Vapour density: Not available

Relative density: No data available

Solubility: 175 g/100 mL water @ 25 °C

Partition coefficient - n-octanol/water: Not available

Auto-ignition temperature: Not available

Decomposition temperature: Not available

Viscosity: Not available

Volatiles: None

Volatile Organic Chemicals (VOC): Not available

10. Stability and reactivity

Reactivity: Not expected to be reactive.

Chemical stability: Stable

Possibility of hazardous reactions:	Hazardous polymerization will not occur.
Conditions to avoid, including static discharge, shock or vibration:	None known
Incompatible materials:	None known
Hazardous decomposition products:	No data available

11. Toxicological information

Description of the various toxicological (health) effects and the available data used to identify those effects:

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):	None known.
Target Organs Potentially Affected by Exposure:	None known.
Symptoms related to the physical, chemical and toxicological characteristics:	No data available
Toxic effects:	Not established.

Delayed and immediate effects, and chronic effects from short-term and long-term exposure:

Acute Toxicity:

Acute Toxicity - Oral:	Based on available data, the GHS classification criteria are not met.
Acute Toxicity - Dermal:	Based on available data, the GHS classification criteria are not met.
Acute Toxicity - Inhalation:	Based on available data, the GHS classification criteria are not met.

Skin Corrosion / Irritation:

Based on available data, the GHS classification criteria are not met.

Eye Damage / Irritation:

Based on available data, the GHS classification criteria are not met.

Respiratory Sensitization:

Based on available data, the GHS classification criteria are not met.

Skin Sensitization:

Based on available data, the GHS classification criteria are not met.

Germ Cell Mutagenicity:

Based on available data, the GHS classification criteria are not met.

Reproductive Toxicity:

Based on available data, the GHS classification criteria are not met.

Carcinogenicity:

Based on available data, the GHS classification criteria are not met.

STOT - single exposure:

Based on available data, the GHS classification criteria are not met.

STOT - repeated exposure:

Based on available data, the GHS classification criteria are not met.

Aspiration hazard:

Based on available data, the GHS classification criteria are not met.

Numerical measures of toxicity including ATE's:

There is no known toxicity data available for the components or the product.

12. Ecological information

Ecotoxicity (aquatic and terrestrial if available): No information available.

Component toxicity data:

Chemical Name	CAS registry number and any unique identifiers	Aquatic LC50 Fish	Aquatic ERC50 Algae	Aquatic EC50 Crustacea
No data available				

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: Unknown

Other adverse effects: None known.

13. Disposal considerations

Information on safe handling for disposal and methods of disposal, including any contaminated packaging: Disposal should be in accordance with local, state or national legislation.

Empty Container Warnings: Empty containers may contain product residue; follow SDS and label warnings even after they have been emptied.

14. Transport information

UN number: Not applicable

United Nations proper shipping name as provided for in the United Nations Model Regulations: Not regulated

Transport hazard class as provided in the United Nations Model Regulations: Not applicable

Packing group as provided in the United Nations Model Regulations: Not applicable

Toxic Inhalation Hazard Zone: No data available

Environmental hazards according to the International Maritime Dangerous Goods Code and the United Nations Model Regulation:

No data available

Transport in bulk (according to Annex II of the International Convention for the Prevention of Pollution From Ships, 1973, as modified by the Protocol of 1978 (MARPOL 73/78), and the International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (IBC Code)):

No data available

Special precautions in connection with transport or conveyance either within or outside the premises:

Consult IMO regulations before transporting in bulk by ocean.

15. Regulatory information

Safety, health and environmental regulations made within or outside Canada, specific to the product in question:

Canada - Domestic Substances List (DSL):	On Inventory
Canada - Non-Domestic Substances List (NDSL):	On Inventory
Canada - In-Commerce List (ICL):	Not On Inventory

16. Other information

Date of SDS preparation or last revision (mm-dd-yyyy):

03-21-2022

For product information, contact:

Ingredion Incorporated

Customer Service: 1-800-713-0208

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