

Revision Date: 13-05-2024

This document replaces SDS dated: None

## ERYSTA Erythritol C100

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

**1.1 Product identifier:**

Product Name: ERYSTA Erythritol C100

**Other means of identification:**

Chemical family: No data available

UFI Number:

REACH Registration Number: This product is exempt from REACH

**1.2 Relevant identified uses of the substance or mixture and uses advised against:**

Relevant identified use: Food products

Uses advised against: Not Available

**1.3 Details of the supplier of the safety data sheet:**

The relevant Ingredion EMEA Company which invoices for the Product – please see Section 16

e-mail address of competent person responsible for the SDS:

Regulatory.emea@ingredion.com

**1.4 Emergency telephone number:**

EMERGENCY TELEPHONE: +1 703-741-5970 / 1-800-424-9300

### SECTION 2: Hazards identification

**2.1 Classification of the substance or mixture:****Classification according to Regulation (EC) No 1272/2008 (CLP):** Not classified as hazardous in accordance with CLP**2.2 Label elements:****Hazard pictograms:**

No hazard symbols required

**Signal word:**

No Signal Word needed.

**Hazard statements:**

No Hazard Statement needed.

**Precautionary statements:**

No Precautionary Statement needed.

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**Supplemental Hazard information (EU):** No Supplemental Hazard Information available

**ADDITIONAL INFORMATION:** Not applicable

**2.3 Other hazards:** This substance/mixture contains no components considered to be an endocrine-disrupting substance at levels of 0.1% or higher. Not expected to be PBT or vPvB.

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances:

Substance Name	Concentration (% by weight)	CAS No.	EC Number REACH Registration Number	Classification according to Regulation (EC) No 1272/2008 (CLP)	M-factor	SCL	ATE	Nanofom Material
This product is not classified as hazardous								

#### 3.2 Mixtures:

Not applicable

For full text of H-statements, see SECTION 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures:

**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.

**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.

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Skin Contact:	Wash with soap and water for no less than 15 minutes.
Ingestion:	No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS.
Self protection of the first aider:	No data available
<b>4.2 Most important symptoms and effects, both acute and delayed:</b>	Not considered as hazardous.
<b>4.3 Indication of any immediate medical attention and special treatment needed:</b>	No further first aid information is available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media:

Suitable extinguishing media:	Use methods suitable to fight surrounding fire.
Unsuitable extinguishing media:	None known.

#### 5.2 Special hazards arising from the substance or mixture:

No data available

Hazardous combustion products:	Carbon monoxide, carbon dioxide.
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#### 5.3 Advice for firefighters:

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

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures:

Non-emergency personnel:	Non-emergency personnel should be kept clear of the area.
Emergency responders:	Use personal protective equipment as required.

#### 6.2 Environmental precautions:

Not available

#### 6.3 Methods and material 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.

#### 6.4 Reference to other sections:

See section 8 for appropriate personal protective equipment. See section 2 and 7 for additional information on hazards and precautionary measures.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling:

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

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**7.1.1 Recommendations for safe handling:**

Prevent handling of incompatible substance or mixtures. Take measures to prevent fire as well as aerosol and dust generation.

**7.1.2 Advice on general occupational hygiene:**

Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

**7.2 Conditions for safe storage, including any incompatibilities:**

Safe storage conditions: Keep container closed when not in use.

Special Sensitivity: No special sensitivity.

Other precautions: None known

Materials to Avoid/Chemical Incompatibility: None known.

**7.3 Specific end use(s):** Food products

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters:**

Substance Name	United Kingdom - Workplace Exposure Limits (WELs) - TWAs	United Kingdom - Workplace Exposure Limits (WELs) - STELs	United Kingdom - Biological Monitoring Guidance Values
No data available			

**DNEL:** None known

**PNEC:** None known.

**8.2 Exposure controls:**

**Appropriate engineering controls:** None required under normal handling conditions.

**Individual protection measures, such as personal protective equipment:**

**Eye/face 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.

**Hand protection:** Gloves are not normally required for foreseeable conditions of use.

**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.

**Thermal hazards:** Not available

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**Environmental exposure controls:** Avoid runoff into storm sewers and ditches that lead to waterways.

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties:

Physical state:	Crystalline powder
Colour:	white
<b>Odour and odour threshold:</b>	No detectable foreign odor
<b>pH:</b>	Not available
<b>pH in (1%) Solution:</b>	5 - 7
<b>Melting point/freezing point:</b>	
Melting Point:	119 - 123 °C
Freezing point:	Not available
<b>Boiling point or initial boiling point and boiling range:</b>	Not available
<b>Flash point:</b>	Not applicable
<b>Evaporation Rate:</b>	Not applicable
<b>Flammability:</b>	No
<b>Upper/lower flammability or explosive limits:</b>	
Upper flammability or explosive limits:	Not available
Lower flammability or explosive limits:	Not available
<b>Vapour pressure:</b>	Not available
<b>Vapour density:</b>	Not available
<b>Density and/or relative density:</b>	No data available
<b>Solubility:</b>	61 g/100L water @ 25 °C
<b>Partition coefficient n-octanol/water (log value):</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition temperature:</b>	Not available
<b>Viscosity:</b>	Not available
<b>Volatiles:</b>	None
<b>Volatile Organic Chemicals:</b>	Not available
<b>Kinematic viscosity:</b>	Not available
<b>Particle characteristics:</b>	Not applicable
<b>9.2 Other information:</b>	
<b>Molecular Weight:</b>	g/m3

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### SECTION 10: Stability and Reactivity

<b>10.1 Reactivity:</b>	Not expected to be reactive
<b>10.2 Chemical stability:</b>	Stable
<b>10.3 Possibility of hazardous reactions:</b>	Hazardous polymerization will not occur.
<b>10.4 Conditions to avoid:</b>	None known.
<b>10.5 Incompatible materials:</b>	None known.
<b>10.6 Hazardous decomposition products:</b>	No data available

### SECTION 11: Toxicological information

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

<b>Information on possible routes of exposure:</b>	None known.
<b>Target Organs Potentially Affected By Exposure:</b>	None known.
<b>Early onset symptoms related to exposure:</b>	No data available
<b>Toxic Effects:</b>	Not established.
<b>Exposure levels and health effects:</b>	
<b>Acute toxicity:</b>	
Ingestion Toxicity:	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.
Inhalation Toxicity:	Based on available data, the GHS classification criteria are not met.
<b>Skin corrosion/irritation:</b>	Based on available data, the GHS classification criteria are not met.
<b>Serious eye damage/irritation:</b>	Based on available data, the GHS classification criteria are not met.
<b>Respiratory sensitisation:</b>	Based on available data, the GHS classification criteria are not met.
<b>Skin sensitisation:</b>	Based on available data, the GHS classification criteria are not met.
<b>Germ cell mutagenicity:</b>	Based on available data, the GHS classification criteria are not met.
<b>Reproductive Toxicity:</b>	Based on available data, the GHS classification criteria are not met.
<b>Carcinogenicity:</b>	Based on available data, the GHS classification criteria are not met.
<b>Specific Target Organ Toxicity (STOT)-single exposure:</b>	Based on available data, the GHS classification criteria are not met.
<b>Specific Target Organ Toxicity (STOT)</b>	Based on available data, the GHS classification criteria are not met.

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**-repeated exposure:**

**Aspiration hazard:**

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

**Endocrine disrupting properties:**

None of the components have endocrine disrupting properties.

### Numerical measures of toxicity (such as acute toxicity estimates):

Substance Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
There is no known toxicity data available for the components or the product.			

### SECTION 12: Ecological information

**12.1 Toxicity:** No information available.

#### Ecological Toxicity Data:

Substance Name	CAS No.	Aquatic LC50 Fish	Aquatic ERC50 Algae	Aquatic EC50 Crustacea
No data available				

**12.2 Persistence and degradability:** No data available

**12.3 Bioaccumulative potential:** No data available

**12.4 Mobility in soil:** Unknown

**12.5 Results of PBT and vPvB assessment:** Not expected to be PBT or vPvB.

**12.6 Endocrine disrupting properties:** None known.

**12.7 Other adverse effects:** None known.

### SECTION 13: Disposal considerations

**13.1 Waste treatment methods:** Waste disposal should be in accordance with existing Community, National and local regulations.

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

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### SECTION 14: Transport Information

- 14.1 UN number: Not applicable  
 14.2 UN proper shipping name: Not Applicable  
 14.3 Transport hazard class(es): Not Applicable  
 14.4 Packing group: Not Applicable  
 Toxic Inhalation Hazard Zone: No data available  
 14.5. Environmental hazards: No data available  
 14.7 Maritime transport in bulk according to IMO instruments: No data available  
 14.6 Special precautions for user: Consult IMO regulations before transporting in bulk by ocean.

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Substance Name	EINECS	SVHC
No data available		

- 15.2 Chemical Safety Assessment: No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

### SECTION 16: Other information

- Revision Date: 05-13-2024  
 Indication of changes: None Known  
 Abbreviations and acronyms: CAS = Chemical Abstract Service  
 DNEL= Derivative No Effect Level  
 EC= European Community  
 EINECS = European Inventory of Existing Chemical Substances  
 MSHA = Mine Safety Health Administration  
 NIOSH = National Institute of Occupational Safety & Health  
 OEL = Occupational Exposure Limit  
 PBT= Persistent, Bioaccumulative, Toxic  
 PNEC= Predicted No Effect Concentration  
 SCOEL= Scientific Committee on Occupational Exposure Limits  
 TLV = Threshold Limit Value  
 TWA= Time Weighted Average





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vPvB= Very Persistent, Very Bioaccumulative

Wt.% = Weight Percent

### References and sources of data:

Classification according to Regulation (EC) 1272/2008 (CLP), as amended and Regulation (EC) 1907/2006 (REACH), as amended

### Hazard statements:

No Hazard Statement needed.

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Not available	Not available

### Precautionary statements:

No Precautionary Statement needed.

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This document is issued on behalf of the Ingredion EMEA Company which is the Supplier invoicing for the Product. The respective details of each of the relevant Supplier companies are as follows:

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