

Safety Data Sheet

Prepared in accordance with Commission Regulation (EU) 2015/830



Revision Date: 13-10-2020
This document replaces SDS dated: 28-04-2020

ERYSTA Erythritol C40

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

1.1 Product identifier: ERYSTA Erythritol C40

Other means of identification:

Cas No.: 149-32-6

REACH Registration No.: This product is exempt from REACH

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

Relevant identified uses: Food additive(s)

Uses advised against: Uses other than described above

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

Email of person responsible for Safety Data Sheets: elizabeth.fawkes@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:

Labelling according to Regulation (EC) No 1272/2008 [CLP]:

Hazard pictograms: No hazard symbols required

Precautionary Statements: No Precautionary Statement needed.

Supplemental Hazard information (EU): None known.

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2.3. Other hazards

DUST

Nuisance dust with a possibility of dust explosion.

SECTION 3: Composition/information on ingredients

3.1 Substances:

Chemical Name	%	CAS #	EC No. REACH Registration No.	Classification (EC) No 1272/2008	M Factor	SCL	Acute Toxicity Estimates
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:

Remove to fresh air. Get medical attention if irritation persists.

Eye contact:

Remove particles by irrigating with eye wash solution or clean water, holding the eyelids apart.

Skin Contact:

Wash skin with soap and water.

Ingestion:

Unlikely to be hazardous if swallowed. If symptoms develop, obtain medical attention.

Self protection of the first aider:

No data available

4.2 Most important symptoms and effects, both acute and delayed:

No data available

4.3 Indication of any immediate medical

None known.

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attention and special treatment needed:

SECTION 5: Firefighting measures

5.1 Extinguishing media:

Suitable extinguishing media: CO2 Dry Chemical Foam Water Fog

Unsuitable extinguishing media: None known.

5.2 Special hazards arising from the substance or mixture:

Hazardous Combustion Products: Thermal decomposition could release carbon dioxide and carbon monoxide.

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 applicable

6.3 Methods and material for containment and cleaning up:

Small spills: Refer to information provided for large spills

Large spills: Normal precautions for "nuisance dust" should be observed. Avoid prolonged inhalation of dust. Sweep up or vacuum up and place in suitable container for disposal.

6.4 Reference to other sections:

See Section 8 for appropriate personal protective equipment. See Sections 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.

7.2 Conditions for safe storage, including any incompatibilities:

Conditions for safe storage: Ambient. Store in a clean, dry, well ventilated warehouse away from odorous materials.

Special Sensitivity: Not available

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Materials to avoid:	None known.
Materials to Avoid/Chemical Incompatibility:	No data available
7.3 Specific end use(s):	Food additive(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:

Occupational Exposure limit values:

Not applicable

DNEL: None known.

PNEC: None known.

8.2 Exposure controls:

Appropriate engineering controls: No data available

Individual protection measures, such as personal protective equipment:

Eye and face protection:

Skin Protection:

Hand protection: The correct choice of protective gloves depends upon the chemicals being handled, the conditions of work and type of use. Gloves should be chosen in consultation with the supplier/manufacturer and with a full assessment of the working conditions. Gloves should conform to EN 374.

Other skin protection: Uniforms, coveralls, or a lab coat should be worn.

Respiratory Protection: No data available

Other Protective Equipment: Wash before eating, drinking, or using toilet facilities.

General Hygiene Conditions: Not available

Thermal Hazards: Not available

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:

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Appearance:	Powder.
Colour:	white
Odour:	Not available
Odour threshold:	Not available
pH:	Not available
Melting Point/Freezing Point (°C):	
Melting point (°C):	122 C
Freezing point (°C):	No data available
Initial boiling point and boiling range (°C):	No data available 330 C
Flash point:	No data available
Flash point method:	Not available
Evaporation Rate (water = 1):	Not applicable
Flammability (solid, gas):	Not available
Upper/lower flammability or explosive limits:	
Upper flammable or explosive limit, % in air:	Not available
Lower flammable or explosive limit, % in air:	Not available
Vapour pressure:	Not available
Vapour Density (Air=1):	Not available
Relative density (water = 1):	1.45
Solubility(ies):	Not available
Partition coefficient: n-octanol/water:	Not available
Auto-ignition temperature (°C):	No data available
Decomposition temperature (°C):	Not available
Viscosity:	Not available
Explosive properties:	Not available
Oxidizing properties:	Not available
9.2 Other information:	
Solids:	Not available
Volatiles:	None

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Volatile Organic Compounds : Not available

SECTION 10: Stability and reactivity

- 10.1 Reactivity:** Not expected to be reactive
- 10.2 Chemical stability:** Material is stable under normal temperatures and pressures.
- 10.3 Possibility of hazardous reactions:** Thermal decomposition could release carbon dioxide and carbon monoxide.
- 10.4 Conditions to avoid:** No data available
- 10.5 Incompatible materials:** No data available
- 10.6 Hazardous decomposition products:** No data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects:

Acute toxicity:

Not available

Skin corrosion/irritation:

No data available

Serious eye damage/irritation:

No data available

Respiratory or skin sensitisation:

No data available

Germ cell mutagenicity:

No data available

Carcinogenicity:

No data available

Reproductive toxicity:

No data available

STOT-single exposure:

Not available

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STOT-repeated exposure:

Not available

Aspiration hazard:

No data available

SECTION 12: Ecological information

12.1 Toxicity: None expected

Ecological Toxicity Data:

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50
No ecotoxicity data available				

12.2 Persistence and degradability:

12.3 Bioaccumulative potential: No data available

12.4 Mobility in soil: Unknown

12.5 Results of PBT and vPvB assessment: No data available

12.6 Other adverse effects: None known.

12.7 Additional information: No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods:

Disposal 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.

SECTION 14: Transport information

International carriage of dangerous goods by road (ADR), rail or inland waterways:

14.1 UN number: No data available

14.2 UN proper shipping name: Not applicable

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14.3 Transport hazard class(es): Not Applicable

14.4 Packing group: Not applicable

International carriage of dangerous goods by sea (IMDG/IMO):

14.1 UN number: No data available

14.2 UN proper shipping name: Not applicable

14.3 Transport hazard class(es): Not applicable

14.4 Packing group: Not applicable

International carriage of dangerous goods by air (IATA):

14.1 UN number: No data available

14.2 UN proper shipping name: Not Applicable

14.3 Transport hazard class(es): Not applicable

14.4 Packing group: Not applicable

14.5 Environmental hazards: Not available

14.6 Special precautions for user: Consult IMO regulations before transporting in bulk by ocean.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: Not available

SECTION 15: Regulatory information

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

Chemical Name	EC No.	SVHC
None of the components are listed on this regulatory list		

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

SECTION 16: Other information

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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
vPvB= Very Persistent, Very Bioaccumulative
Wt.% = Weight Percent

Hazard phrase(s) referenced in section 3

No data available

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

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information for itself. The information provided by the relevant Ingredion company referred to below, does not constitute indication of suitability for specific uses, nor is it legal advice given to the User.

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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