

SAFETY DATA SHEET

6/25/2017

SECTION 1: IDENTIFICATION

Product Name: Pyure Organic Erythritol

Company/Supplier: Pyure Brands, LLC
2277 Trade Center Way
Suite #101
Naples, FL 34109 USA

24-Hour Phone: +1 (305) 509-5096
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Product Use: Food, Pharmaceutical and Industrial Additive

SECTION 2: HAZARD(S) IDENTIFICATION

Emergency Overview: Fine white to transparent crystalline powder with no odor, soluble in water, considered non-toxic.

Most Important Hazard: None

Inhalation: Dust may cause irritation of mucous membrane and respiratory tract.

Eye contact: May cause irritation

Skin contact: No data available

Ingestion: No data available

Chronic: No data available

Carcinogen status: None

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name of the Material: Erythritol

Chemical Characterization: C₄H₁₀O₄

Synonyms: Erythritol, 1,2,3,4 Tetrahydroxybutane

Composition:

Name	CAS No.	EINECS No.	%by weight
Erythritol	149-32-6	205-737-3	>= 99.5

Hazardous Impurities: None

SECTION 4: FIRST AID MEASURES

General advice: No hazards which require special first aid measures. If you feel unwell, seek medical advice.

Eyes: Flush eyes with water as a precaution. If eye irritation persists, consult a specialist.

Skin: Wash off with soap and plenty of water. If skin irritation persists, call a physician.

Ingestion: Drink water as a precaution. Consult a physician if necessary

Inhalation: Remove from exposure into fresh air. Seek medical attention if symptoms persist.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media: Carbon dioxide, water, dry chemicals or appropriate foam.

Special Procedures: Wear self-contained breathing apparatus and full protective clothing.

Hazardous Decomposition Products: Carbon oxides

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use appropriate personal protective equipment as indicated in Section 8. Avoid raising dust

Spills/Leaks: Sweep up and place in a closed container for disposal according to federal, state and local authorities. After cleaning, flush away traces with water.

SECTION 7: HANDLING AND STORAGE

Handling: No special technical protective measures required. Avoid inhalation and ingestion of dust. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Wash thoroughly after handling.

Storage: Keep container tightly closed. Store container in a dry and cool place. There are no special restrictions on storage with other products.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Provide general dilute ventilation.

Exposure limit(s): None established for this ingredient, use OSHA PEL, ACGIH TLV for Nuisance dusts of 5 mg/ m³.

Personal protection equipment

Respiratory protection: NIOSH approved dust respirator

Hand protection: Gloves

Eye Protection: Safety glasses

Skin/body protection: Lightweight protective clothing

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

General Information (appearance, odour)

Form:	powder / crystalline
Colour:	white / colourless
Odor:	none
pH:	(10%, 25°C) 4 - 7
Boiling point/range:	329 - 331 °C
Decomposition temperature:	no data available
Explosive properties, Risk of explosion.:	Class St 1
Relative density:	1450 kg/m ³
Bulk density:	700 – 900 kg/m ³
Solubility	
Water solubility (25°C):	approximately 60 g/ 100ml H ₂ O
log Pow:	no data available

Other information
Melting point/range: 119 – 123 °C
Solubility in other solvents
Ethanol (25°C): slightly soluble

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal conditions
Conditions to Avoid: Keep containers dry and tightly closed to avoid moisture absorption and contamination.
Hazardous Decomposition Products: No decomposition if stored normally. Thermal decomposition can lead to release of irritating gases and vapors.
Materials to avoid: Strong oxidizers.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity: LDLO/ipr/mouse 2000mg/kg
Local effects: May cause eye irritation with susceptible persons.
May cause skin irritation in susceptible persons.
May cause irritation of respiratory tract.
Chronic toxicity: Prolonged skin contact may cause skin irritation.
Human experience: Health injuries are not known or expected under normal use.
Specific effects: Carcinogenicity. Not listed in: IARC/NTP/OSHA/ACGIH Mutagenicity. Not mutagenic in AMES Test. (1) Reproductive toxicity. Animal testing did not show any effects on fertility. (1) Animal testing did not show any effects on fetal development. (1)

SECTION 12: ECOLOGICAL INFORMATION

Mobility
Persistence and degradability: Expected to be biodegradable
Chemical oxygen demand: COD = no data available
Biochemical oxygen demand within 5 days: (BOD5) = no data available
Bioaccumulation: no data available
Ecotoxicity effects: no data available

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods: Dispose of waste in full accordance with federal, state and local regulations.
Container: Empty containers may retain product residue. Follow label warnings after container is emptied.

SECTION 14: TRANSPORT INFORMATION

DOT: Not regulated. Considered non-hazardous for transport
IATA: Not regulated. Not hazardous for air transport
TDF: Not regulated
IMDG: Not regulated

Contact Pyure Brands LLC for further Transportation Information.

SECTION 15: REGULATORY INFORMATION

US FEDERAL

TSCA: CAS# 149-32-6 is not listed on the TSCA inventory. It is for research and development use only.
Health & Safety Reporting List: None of the chemicals are on the Health & Safety Reporting List.

Generally regarded as safe (GRAS) by USA FDA. GRAS status from 1996. GRAS Notified by FDA in 2001. To the best of our knowledge, Jungbunzlauer Erythritol does not contain any contaminants or by-products known to the State of California to cause cancer or reproductive toxicity as listed under Proposition 65 State Drinking Water and Toxic Enforcement Act. CERCLA (Comprehensive Response Compensation, and Liability Act):

SARA Section 302 Extremely Hazardous Substances: N/A

Clean Air Act: N/A

Clean Water Act: N/A

OSHA: N/A

State: CAS #149-32-6 is not present on state lists from CA, PA, MN, MA, FL or NJ.

European/International Regulations European Labeling in Accordance with EC Directives

Hazard Symbols: N/A

Canada – DSL/NDSL: CAS# 149-32-6 is listed on Canada's DSL List.

SECTION 16: OTHER INFORMATION

SDS Creation Date: 6/25/2017

Disclaimer: The information and recommendations contained in this Safety Data Sheet have been compiled from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the SDS was prepared. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with our products, and determine its environmental regulatory compliance obligations under any applicable federal or state laws.