NO.262670112732

中国认可
检验
INSPECTION
CNAS IB0071

SAFETYDATASHEET

Product Name: 90% Di-pentaerythritol

Effective Date: 2026-08-06

Compiler: Chen Yushuang

Checker: Liu Wanqing

Approver: Fengzhuo

Shanghai Institute of Chemical Industry Testing Co., Ltd.

Fujian billion Chemical CO.,LTD.

SAFETY DATA SHEET

90% Di-pentaerythritol

SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product name:	90% Di-pentaerythritol
Company:	Fujian billion Chemical CO.,LTD.
Address:	No. 8, Yuanzhong Road, Nanshan District, Petrochemical Park, Jieshan Town, Quangang District, Quanzhou City, Fujian Province.
E-mail:	cuiy@baihong.com
Fax:	0595-85237895
Emergency Phone:	0595-68579999
Recommend use of the chemical and restrictions on use:	Mainly used in the production of polyesters, alkyd resins, synthetic lubricants, fatty acid esters, rosin esters, coating resins, UV-curable materials, flame-retardant materials, and PVC stabilizers. For industrial or professional use only; not for human consumption.
SDS Number:	262670112732
Effective Date:	2026-08-06

SECTION2 HAZARDS IDENTIFICATION

GHS Classification:

Physical Hazards:

Not Classified

Health Hazards:

Not Classified

Environmental Hazards:

Classification not possible

The hazards not mentioned are not applicable or no data available.

Label Elements:

Pictogram:

None

Signal Word:

No Signal Word

Hazard Statements:

None

Prevention Precautionary Statements:

None

Response Precautionary Statements:

None

Storage Precautionary Statements:

None

Disposal Precautionary Statements:

P501 Dispose of contents/container in accordance with local, regional, national, and/or international regulations.

Other Hazards:

No data available.

SECTION3 INFORMATION ON INGREDIENTS

Substance/Mixture: Substance

Product name: 90% Di-pentaerythritol

Ingredient	Concentration(%)	CAS NO.	EC NO.
Dipentaerythritol	90	126-58-9	204-794-1
Tripentaerythritol	7	78-24-0	201-097-4
Pentaerythritol	3	115-77-5	204-104-9

SECTION4 FIRST-AID MEASURES

Skin Exposure:

In case of contacting with skin, flush with copious amounts of water. If feel unwell, Call a physician.

Eye Exposure:

In case of contacting with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If feel unwell, call a physician.

Inhalation Exposure:

If inhaled, remove to fresh air immediately. If the person feels unwell, Call a physician.

Oral Exposure:

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Most Important Symptoms/Effects, Acute and Delayed:

No data available.

Indication of Immediate Medical Attention and Special Treatment Needed, if Necessary:

No data available.

SECTION5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Dry chemical, Water spray or Suitable foam.

Specific Hazards Arising from the Chemical:

Take care as it may decompose upon combustion or in high temperatures to generate Carbon oxides.

Special Protective Action for Fire-fighters:

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Fire-extinguishing work is done from the windward. Uninvolved persons should evacuate to a safe place.

SECTION6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Use personal protective equipment. Remove all sources of ignition. Avoid inhalation. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to noninvolved personnel should be controlled around the leakage area by roping off.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Avoid entering drains.

Methods and Materials for Containment and Cleaning up:

Sweep up with spade and transfer to a dry, clean, lidded container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

SECTION7 HANDLING AND STORAGE

Precautions for Safe Handling:

Operators should be trained and strictly abide by operating procedures. Wear appropriate protective clothing and gloves(see Section 8). Avoid inhalation. Avoid contacting with eyes and skin. Handling is performed in a well ventilated place. Keep away from ignition sources, heat and flame. Wash hands and face thoroughly after operation. Avoid contact with incompatible materials(see Section 10). Handling and unloading should be light, to prevent packaging broken, damp and cause losses. Working place should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

Conditions for Safe Storage, Including Any Incompatibilities:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from ignition sources, heat and flame. Should be stored separately from incompatible materials(see Section 10). Storage place should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

SECTION8 EXPOSURE CONTROL/PPE

Control Parameters:

GBZ 2.1-2019 Occupational Exposure Limits for Hazardous Agents in the Workplace - Part 1:
Not set up
ACGIH:
Pentaerythritol:Pentaerythritol TLV-TWA 10mg/m³

Appropriate Engineering Controls:

Mechanical exhaust required. Safety shower and eye bath.

Individual Protection Measures:

Eye/Face Protection:

Wear chemical safety glasses if needed.

Skin Protection:

Hand Protection:Wear compatible protective gloves.

Body Protection:Wear appropriate protective clothing.

Respiratory Protection:

Wear government approved respirator if needed.

Thermal Hazards:

No data available.

Other Protect:

No smoking, drinking and eating at working site. Wash thoroughly after handling.

SECTION9 PHYSICAL/CHEMICAL PROPERTIES

Appearance:	White Powder
Odor:	Weak odor
pH Value:	No data available
Solubility:	hardly soluble in water
Melting Point/Freezing Point:	>224.4° C Melting
Boiling Point, Initial Boiling Point and Boiling Range :	Not applicable
Flash Point (Closed Cup):	Not applicable
Density/Relative Density :	No data available
Kinematic Viscosity:	Not applicable
Upper/Lower Flammability or Explosive Limits:	No data available
Vapour Pressure:	No data available
Relative Vapor Density:	No data available
Partition Coefficient	No data available

N-Octanol/Water (Log Value):	
Autoingnition Temperature:	No data available
Decomposition Temperature:	No data available
Particle Characteristics:	No data available
Flammability (Solid, Gas):	The substance is not classified in Division 4.1 Flammable Solids.

SECTION10 STABILITY AND REACTIVITY

Reactivity:

No data available.

Chemical Stability:

Stable under normal temperatures and pressures.

Possibility of Hazardous Reactions:

No data available.

Conditions to Avoid:

No data available.

Incompatible Materials:

Strong oxidizing agents.

Hazardous Decomposition Products:

Carbon oxides.

SECTION11 TOXICOLOGICAL INFORMATION

Acute Toxicity:

No data available.

Skin Corrosion/Irritation:

No data available.

Serious Eye Damage/Irritation:

No data available.

Respiratory Sensitization:

No data available.

Skin Sensitization:

No data available.

Germ Cell Mutagenicity:

No data available.

Carcinogenicity:

No data available.

Reproductive Toxicity:

No data available.

Specific Target Organ Toxicity -Single Exposure:

No data available.

Specific Target Organ Toxicity -Repeated Exposure:

No data available.

Aspiration Hazard:

No data available.

SECTION12 ECOLOGICAL INFORMATION

Toxicity:

No data available.

Persistence and Degradability:

No data available.

Bioaccumulative Potential:

No data available.

Mobility in Soil:

No data available.

Other Adverse Effects:

No data available.

SECTION13 DISPOSAL CONSIDERATION

Disposal Methods:

Recycle as far as possible. If unable to recycle, it is recommended to use incineration method for disposal under supervision. This product should not be disposed of by discharge into sewers. Return empty containers to the manufacturer or dispose of them in accordance with national and local regulations. Follow the relevant provisions of national and local regulations before disposal. It is recommended to be disposed of by a qualified chemical waste treatment department.

SECTION14 TRANSPORT INFORMATION

RID/ADR(2025 Edition):	The product is not subject to RID/ADR.
IATA DGR(67th Edition):	The product is not subject to IATA DGR.
IMO IMDG CODE(2024 Edition):	The product is not subject to IMO IMDG CODE.

Environmental Hazards:	No
Special Precautions for User:	No data available.
Transport in bulk according to IMO instruments:	Not applicable

SECTION15 REGULATORY INFORMATION

Montreal Protocol:

Not listed.

Stockholm Convention:

Not listed.

Rotterdam Convention:

Not listed.

EINECS/ELINCS:

All ingredients in the product are listed.

TSCA:

All ingredients in the product are listed.

IECSC:

All ingredients in the product are listed.

SECTION16 OTHER INFORMATION

Preparation Date:

2026-08-06

Preparation Department:

Shanghai Institute of Chemical Industry Testing Co., Ltd.

Tel(Fax): +86-21-52815377/31765555

Revision:

0

Reference Standard:

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS), Eleventh revised edition

Abbreviations and Acronyms:

CAS: Chemical Abstracts Service EC: European Commission ACGIH: American Conference of Governmental Industrial Hygienists RID: Regulations concerning the International Carriage of Dangerous Goods by Rail ADR: Agreement concerning the International Carriage of Dangerous Goods by Road IATA DGR: International Air Transport Association Dangerous Goods Regulations IMO IMDG CODE: International Maritime Organization International Maritime Dangerous Goods Code MARPOL: International Convention for the Prevention of Pollution from Ships IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances TSCA: Toxic Substances Control Act IECSC: Inventory of Existing Chemical Substances in China TLV-TWA: Threshold limit value-time weighted average

Other Information:

This SDS is compiled based on the information such as ingredients provided by the applicant and our current knowledge. This SDS shall be used only as a guide. The users of this SDS must make independent judgments on the correctness and completeness and then decide its

suitability according to the actual situation. The users should take the relevant legal responsibilities for the consequences of use.

END OF REPORT