



Section 1 – Company Information

Parchem - fine & specialty chemicals
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EMERGENCY RESPONSE NUMBER:
CHEMTEL - Parchem CCN# M1S0007152
Toll Free US & Canada: (800)255-3924
All other Origins: (813) 248-0585
Collect Calls Accepted

Section 2 – Product Identification/ Information on Ingredients

PRODUCT NAME Dipentaerythritol, 85%
CAS NUMBER 126-58-9
SYNONYM Bis(Pentaerythritol)
FORMULA $C_{10}H_{22}O_2$

PRODUCT	CAS NUMBER	% BY WEIGHT
Dipentaerythritol, 85%	126-58-9	85%

Section 3 – Hazards Identification

Appearance: White powder

Caution: May cause eye and skin irritation. May cause respiratory and digestive tract irritation. Hygroscopic (absorbs moisture from the air). The toxicological properties of this material have not been fully investigated.

Target Organs: None

Potential Health Effects

Eyes: Dust may cause mechanical irritation.

Skin: May cause skin irritation.

Ingestion: May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.

Inhalation: May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

Chronic: No information found.

Section 4 – First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.



Ingestion: If victim is conscious and alert, give 2-4 cups of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician: Treat symptomatically and supportively.

Section 5 – Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing media: Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Flash Point: > 150°C (> 302°F)

Explosion Limits, Lower: N/A

Explosion Limits, Upper: N/A

NFPA Ratings (Estimated)

Health: 1

Flammability: 0

Reactivity: 0

Section 6 – Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Avoid generating dusty conditions. Provide ventilation.

Section 7 – Handling & Storage

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Storage: Keep container closed when not in use. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

Section 8 – Exposure Controls & Personal Protection

Engineering Controls: Use adequate ventilation to keep airborne concentrations low.

Exposure Limits

ACGIH: None listed.

NIOSH: None listed.



OSHA - Final PELs: None listed.

OSHA - Vacated PELs: None listed.

Eyes: Wear appropriate protective glasses or chemical safety goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 – Physical & Chemical Properties

Physical State / Appearance: Powder

Color: White

Odor: None reported.

pH: Not available.

Vapor Pressure: Not available.

Vapor Density: Not available.

Evaporation Rate: Not available.

Viscosity: Not available.

Boiling Point: Not available.

Freezing/Melting Point 215 - 218°C

Decomposition Temperature: Not available.

Solubility: Soluble

Specific Gravity/Density (25°C): 1.33

Molecular Formula: C₁₀H₂₂O₂

Molecular Weight: 254.28 g/mol

Section 10 – Stability & Reactivity Data

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Incompatible materials, dust generation, strong oxidants, exposure to moist air or water.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.

Hazardous Polymerization: Has not been reported.

Section 11 – Toxicological Information

RTECS Number:

CAS Number: 126-58-9 unlisted.

LD50/LC50: Not available.



Carcinogenicity: CAS# 126-58-9; Not listed by ACGIH, IARC, NTP or CA Prop 65.

Epidemiology: No information available.

Teratogenicity: No information available.

Reproductive Effects: No information available.

Mutagenicity: No information available.

Neurotoxicity: No information available.

Other Studies: N/A

Section 12 – Ecological Information

Ecotoxicity: No data available.

Environmental: No information found.

Physical: No information found.

Other: No information available.

Section 13 – Disposal Consideration

Waste Disposal: Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines, by a licensed disposal company.

RCRA P- or U-Series: None listed.

Section 14 – Transportation Data

US DOT: Not regulated as a hazardous material.

Canada TDG: No information available.

Section 15 – Regulatory Information

TSCA Inventory Status: Listed on the TSCA Inventory

TSCA Health & Safety Reporting List: None of the chemicals are on the Health & Safety Reporting List.

TSCA Chemical Test Rules: Not under a Chemical Test Rule.

TSCA Section 12b: Not listed under TSCA Section 12b.

TSCA Significant New Use Rule: Not listed under TSCA SNUR.

CERCLA Hazardous Substances and Corresponding RQs: No RQ.

SARA Section 302 Extremely Hazardous Substances: No TPQ.

SARA Section 313: Not reportable under Section 313.

Clean Air Act: This material does not contain any hazardous air pollutants; no Class 1 or Class 2 Ozone depletors.



Clean Water Act: Not listed as Hazardous Substances, or Priority Pollutants, or Toxic Pollutants under CWA.

OSHA: Not considered highly hazardous by OSHA.

State Regulations: Not present on state lists from CA, PA, MN, MA, FL, or NJ.

California Prop 65: Not listed.

European/ International Regulations: Labeling in accordance with EC Directives; Hazard symbol not available.

Risk Phrases: N/A

Safety Phrases

S24/25 Avoid contact with skin and eyes.

S37 Wear suitable gloves.

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S28A After contact with skin, wash immediately with plenty of water.

WGK (Water Danger/Protection): CAS# 126-58-9; 1

Canada - DSL/NDSL: CAS# 126-58-9 is on Canada's DSL List.

Canada - WHMIS: Not available.

Section 16 – Other Information

Disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.