

### 1. Identification of the chemicals and of the business entity

Chemicals Name: Dipentaerythritol
Other Names: —
Recommended use and restrictions on use: plasticizers, lubricants, explosives, anti-oxidants etc.
Names, addresses, and phone numbers of manufacturer, importer or supplier: <div style="text-align: center; padding-left: 40px;">                     LCY Chemical Corp. Kaohsiung site                      No. 3, Jhonglin Rd., Xiaogang District, Kaohsiung City 812, Taiwan                      Tel : 886-7-8712890                      Fax : 886-7-8714723                 </div>
Emergency contact phone numbers/fax numbers: 886-7-8712890

### 2. Hazard(s) identification

Chemicals hazard classification: —
Label content: —
Other hazards: —

### 3. Composition/information on ingredients

Pure material:

Chinese and English name: Dipentaerythritol
Synonyms:
Chemical Abstract Service No. (CAS No.): 126-58-9
Hazardous ingredients (% of the content): $\geq 90\%$

### 4. First-aid measures

<p><b>First aid measures for different exposure routes:</b></p> <p><b>inhalation:</b> Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.</p> <p><b>skin contact:</b> Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.</p> <p><b>eye contact:</b> Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.</p> <p><b>ingestion:</b> If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.</p>
Most important symptoms and hazardous effects: —
Protection for first-aid providers: —
Notes to physicians: Treat symptomatically and supportively.

### 5. Firefighting measures

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Suitable fire extinguishing media: Use water spray, dry chemical, carbon dioxide, or appropriate foam.
Specific hazards regarding firefighting measures: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.
Specific methods regarding firefighting measure: —
Special protective equipment and precautions for firefighters: As in any fire, wear a self-contained breathing apparatus in pressure-demand, and full protective gear.

### 6. Accidental release measures

Personal precautions: Use proper personal protective equipment as indicated in Section 8.
Environmental precautions: Avoid generating dusty conditions. Provide ventilation.
Methods for cleaning up: Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal.

### 7. Handling and 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.

### 8. Exposure controls/personal protection

Engineering control: Use adequate ventilation to keep airborne concentrations low.			
Control parameters:			
8-hour time weighted average exposure limits	Short-term exposure limits	Maximum exposure limits	Biological standards
—	—	—	—
Personal protective equipment:			
Respiratory protection: Wear appropriate respirator when ventilation is inadequate.			
Hand protection: Wear appropriate Gloves.			
Eye protection: Wear appropriate protective eyeglasses or chemical safety goggles eye and face protection regulations.			
Skin and body protection: Wear appropriate protective gloves to prevent skin exposure.			
Hygiene measures: (1) Work with personal protective equipment. (2) Wash thoroughly after handling.			

### 9. Physical and chemical properties:

Appearance (physical state, color, etc.) : white	Odor: None reported.
Odor threshold: None reported.	Melting point: 215 to 218 deg C
pH value: Not available	Boiling point/boiling point range: Not available.
Flammability (solid, gas) : Non-flammable	Flash point: Not available.
Decomposition temperature: Not available.	Test method: <u>(Open cup or closed cup)</u>
Auto-ignition temperature: Not available	Explosion limits: NA

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Vapor pressure: Not available.	Vapor density: Not available.
Density: 1.33 @ 25 C	Solubility: Soluble.
Partition coefficient : Not available. (n-octanol/water, logKow)	Evaporation rate: Not available.

### 10. Stability and reactivity

Stability: Stable under normal temperatures and pressures.
Possible hazardous reactions under specific conditions: Incompatible materials, dust generation, strong oxidants, exposure to moist air or water.
Conditions to avoid: Strong oxidizing agents.
Materials to avoid: Carbon monoxide, carbon monoxide, carbon dioxide.
Hazardous decomposition products: Has not been reported.

### 11. Toxicological information

Routes of exposure: inhalation , ingestion ,skin eye contact
Symptoms: No information available.
Acute toxicity: LD50/ LC50: Not available.
Chronic toxicity or long-term toxicity: No information available.

### 12. Ecological information:

Ecotoxicity: No data available. No information available.
Persistence and degradability: No information found.
Bioaccumulative potential: No information found.
Mobility in soil: No information found.
Other adverse effects: No information available.

### 13. Disposal considerations

Methods of waste disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.
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### 14. Transport information

United Nations number (UN No): —
UN Proper shipping name: Dipentaerythritol
Transport hazard class(es): —
Packing group: —
Marine pollutant (Yes/No): No
Specific transport measures and precautionary conditions: —

### 15. Regulatory information

<p>Applicable regulations:</p> <ol style="list-style-type: none"> <li>1. labor regulations</li> <li>2. dangerous and hazardous chemicals warning label regulations</li> <li>3. Traffic and transportation regulations</li> </ol>
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**SAFETY DATA SHEET**  
**DIPENTAERYTHRITOL**

## 16. Other information

Literature references	1. CHEMINFO DATA BASE , CCINFO , 98-2 2. RTECS DATA BASE , TOMES PLUS , Vol.41 , 1999 3. HSDB DATA BASE TOMES PLUS , Vol.41 , 1999	
Organization that prepared the SDS	Name: LCY Chemical Corp. Kaohsiung site	
	Address/telephone number: Address : No. 3, Jhonglin Rd., Xiaogang District, Kaohsiung City 812, Taiwan Tel : 886-7-8712890 Fax : 886-7-8714723	
Person who prepared the SDS	Title: Director	Name (signature): Ken Liu
Date that the SDS was prepared:	2023-12-28	