

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : DL-3,4-Dihydroxyphenyl glycol
 Product Number : D9753
 Brand : Sigma
 Company : Sigma-Aldrich Canada, Ltd
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 OAKVILLE ON L6H 6J8
 CANADA
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : DL- α , β ,3,4-Tetrahydroxyphenethyl alcohol
 DL- β ,3,4-Trihydroxyphenethyl alcohol
 Formula : C₈H₁₀O₄
 Molecular Weight : 170.16 g/mol

| CAS-No. | EC-No. | Index-No. | Concentration |
|--|-----------|-----------|---------------|
| (+/-)-4-(1,2-Dihydroxyethyl)pyrocatechol | | | |
| 28822-73-3 | 249-260-9 | - | - |

3. HAZARDS IDENTIFICATION

WHMIS Classification
 Not WHMIS controlled. Not WHMIS controlled.
HMIS Classification
Health Hazard: 0
Flammability: 0
Physical hazards: 0

Potential Health Effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.
Skin May be harmful if absorbed through skin. May cause skin irritation.
Eyes May cause eye irritation.
Ingestion May be harmful if swallowed.

4. FIRST AID MEASURES

General advice
 Consult a physician. Show this safety data sheet to the doctor in attendance.

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If inhaled
 If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.

In case of skin contact
 Wash off with soap and plenty of water. Consult a physician.

In case of eye contact
 Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed
 Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIRE-FIGHTING MEASURES

Flammable properties
 Flash point no data available
 Ignition temperature no data available

Suitable extinguishing media
 Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters
 Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
 Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

Environmental precautions
 Do not let product enter drains.

Methods for cleaning up
 Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling
 Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage
 Keep container tightly closed in a dry and well-ventilated place.

Recommended storage temperature: -20 °C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection
 Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection
 For prolonged or repeated contact use protective gloves.

Eye protection
 Safety glasses with side-shields conforming to EN166

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Skin and body protection
 Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures
 Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form solid

Safety data

pH no data available
 Melting point 130 - 132 °C (266 - 270 °F)
 Boiling point no data available
 Flash point no data available
 Ignition temperature no data available
 Lower explosion limit no data available
 Upper explosion limit no data available
 Water solubility no data available

10. STABILITY AND REACTIVITY

Storage stability
 Stable under recommended storage conditions.

Materials to avoid
 Strong oxidizing agents

Hazardous decomposition products
 Hazardous decomposition products formed under fire conditions. - Carbon oxides

11. TOXICOLOGICAL INFORMATION**Acute toxicity**

no data available

Irritation and corrosion

no data available

Sensitisation

no data available

Chronic exposure

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Signs and Symptoms of Exposure

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To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Potential Health Effects

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Eyes May cause eye irritation.

Ingestion May be harmful if swallowed.

12. ECOLOGICAL INFORMATION**Elimination information (persistence and degradability)**

no data available

Ecotoxicity effects

no data available

Further information on ecology

no data available

13. DISPOSAL CONSIDERATIONS**Product**

Observe all federal, state, and local environmental regulations.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION**DOT (US)**

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION**DSL Status**

This product contains the following components that are not on the Canadian DSL nor NDSL lists.

(+/-)-4-(1,2-Dihydroxyethyl)pyrocatechol CAS-No. 28822-73-3

WHMIS Classification

Not WHMIS controlled.

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16. OTHER INFORMATION**Further information**

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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. Sigma-Aldrich Co., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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