

MATERIAL SAFETY DATA SHEET

DLTDP

1. Identification

Commercial Product Name: (DLTDP)

IUPAC-Name: (Dilauryl) Thiodipropionate

CAS-NO: 123-28-4

IINECS-NO: Yangzhou Chemical Co.,Ltd.

Tel:86-514-87851548

Fax:86-514-87872867

2. Composition / Information on Ingredients

Component CAS Amount

Dilauryl Thiodipropionate 123-28-4 $\geq 99.5\%$

Lauryl alcohol 112-53-8 $\leq 0.5\%$

3. Hazards Identification

None

4. First Aid Measures

When Molten Only

4.1 Ingestion: Give the patient plenty to drink but do not induce vomiting unless in the presence of a qualified doctor.

4.2 Inhalation: Give patient plenty of fresh air and treat symptomatically.

4.3 Skin Contact: Wash contaminated area with plenty of soap and water.

4.4 Eyes: Irrigate the eyes with plenty of clean water or eye-wash and seek immediate.

4.5 Other: None

5. Fire-Fighting Measure

Extinguishing Agents: Carbon dioxide, water spray, foam and dry powder are all suitable forms of extinguishes.

6. Accidental Release Measure (spills or leak)

6.1 Procedures for clean-up: After cooling and solidification, scrape and / or shovel up material, clean up.

6.2 Waste Disposal: Use method consistent with local regulation or incinerate. Avoid washing into water course.

7. Handling and storage

keep away from flame, sparks, heat and moisture.

8. Exposure control / personal protection

8.1 Personal Protection: When molten only

Protective gloves: Wear oil resistant gloves.

Eye protective: Wear safety glasses.

Protective clothes: Wear protective clothes.

Other: None

8.2 Exposure Control:

Ventilation: Local exhaust.

9. Physical and chemical properties

9.1 Chemical Character: It is a good antioxidant and can be used in combination with phenolic antioxidant to

produce synergistic effect.

9.2 Form: Solid

9.3 Colour: White

9.4 Odour: None

9.5 Change in physical state: melting point 39.5-41.5

9.6 Density: Bulk Density: CA1.15GMS/cc at 20°C

9.7 Vapour pressure: Not determined

9.8 Viscosity: Not determined

9.9 Solubility in water: Insoluble

9.10 PH value: PH=7

9.11 Flash point: >200°C

9.12 Ignition temp: Not determined

9.13 Explosion limits: No available

9.14 Thermal Decomposition: Does not decompose at temp below 300°C

9.15 Further information: None

10. Stability and Reactivity

10.1 Stability: Stable

10.2 Hazardous Decomposition Products: Oxides of carbon and sulphur

10.3 Hazardous Reactions: Keep away from strong oxidizing / reducing agents

11. Toxicologic Information

11.1 Toxicologic properties: LD50>2500mg/kg

11.2 Permissible concentrations: None

11.3 Effects of overexposure: No Data

12. Ecological Information

13. Disposal Consideration

Disposal of in accordance with local regulations or incinerate

14. Transports Regulation

Not a hazardous or restricted item under these regulations.

15. Regulatory Information

15.1 Classification: No classification required

15.2 Labelling required: No dangerous properties

15.3 Symbol: No symbol required

15.4 R-phrases: None

15.5 S-phrases: None

16. Other Information

None