

# MATERIAL SAFETY DATA SHEET

## DSTDP

### 1. Identification

Commercial Product Name: DSTDP

IUPAC-Name: Distearyl Thiodipropionate

CAS-NO: 693-36-7

INECS-NO: Yangzhou Sunchem Co.,Ltd.

Tel:86-514-87851548

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### 2. Composition / Information on Ingredients

Component CAS # Amount

Distearyl Thiodipropionate 693-36-7  $\geq 99.5\%$

Stearyl alcohol  $\leq 0.5\%$

### 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 Procedure for clean-up: After cooling and solidification, scrape and / or shovel up, 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 clothes: Wear oil resistant clothes.

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 63.5-68.5°C

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 Date

## **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