

 **MATERIAL SAFETY DATA SHEET**

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PRODUCT: TOTM

PRODUCT NAME: Trioctyl Trimellitate
OTHER NAMES: TOTM

UN NUMBER: None assigned **DANGEROUS GOODS**
HAZCHEM CODE: None assigned **CLASS & SUB RISK:** Not classified
PACKAGING GROUP: None assigned **POISONS SCHEDULE:** Not scheduled
USES: TOTM is used as a plasticiser for PVC.

PHYSICAL DESCRIPTION/PROPERTIES

APPEARANCE/ODOUR: Colourless to pale yellow liquid / mild odour
FLASHPOINT (°C): 225°C ASTM D92
BOILING POINT RANGE: >315°C at atmospheric pressure
FLAMMABILITY LIMITS (%): Not available
VAPOUR PRESSURE: Not available
SOLUBILITY IN WATER: negligible
SPECIFIC GRAVITY: 99kg/m³ at 20°C

OTHER PROPERTIES: pH: neutral

INGREDIENTS:

CHEMICAL ENTITY	CAS No.	PROPORTION
tri-(2-ethylhexyl) trimellitate		>99%
di-(2-ethylhexyl) trimellitate	117-81-7	<0.2%

1. HEALTH HAZARD INFORMATION**Health Effects:**

Swallowed: Swallowing may cause gastrointestinal irritation.

Eyes: Liquid or mist may cause slight transient irritation.

Skin: Material may cause slight irritation on prolonged or repeated contact.

Inhaled: High concentration (mist) may irritate the respiratory tract.

Other

hazards: Repeated ingestion of large amounts induces a hepatic effect specific to rodents and can effect the reproductive system.

2. FIRST AID MEASURES

Swallowed: Rinse mouth with water. Give water to drink. If a large quantity has been ingested, obtain medical attention.

Eyes: Flush liberally with water.

Skin: Remove contaminated clothing. Wash with soap and water.

Inhaled: Remove to fresh air.

First aid facilities: Eye bath

Advice to doctor: Treat symptomatically.

MATERIAL SAFETY DATA SHEET**PRODUCT: Trioctyl Trimellitate****3. PRECAUTIONS FOR USE**

Exposure standards : UK 5mg/m³ (TWA) 10mg/m³ (STEL)

Engineering controls: Mechanically ventilate enclosed areas to control airborne levels below recommended exposure levels.

Personal protection: Eyes: Safety glasses
Hands/skin: Gloves (eg. butyl rubber, Viton), protective clothing and covered shoes are recommended.

Flammability: Flash point 225°C ASTM D92

4. SAFE HANDLING INFORMATION**Handling, Storage**

& Transport: Store in closed metal (avoid rubber and PVC) containers in a dry and cool place. Not classified as dangerous goods under transport regulations. Handling of bulk quantities must be carried out in a bunded area.

Stability & Reactivity: Chemically stable. Materials to avoid:- Strong oxidising agents.

Spills & disposal: Disposal should be carried out in accordance with national and local regulations eg. in an approved incinerator. Consult local authorities for detailed advice. If correctly incinerated this material will decompose to carbon dioxide and water.

Spills: All spillages should be cleared up quickly. Do not allow the material to enter surface water drains. If this should occur inform the local authorities immediately. Collect the material in a closed container or salvage tank and remove to a safe place for disposal by burning. Flush contaminated area with plenty of water. Contact local authorities for local regulations on disposal.

Fire/Explosion

Hazard: Flash point 225°C ASTM D92

Fire Fighting**Measures:**

Extinguishing media: Carbon dioxide, dry chemical, or water spray.

Protective equipment: Wear self-contained breathing apparatus in a large fire.

Special precautions: Prevent contaminated extinguishing water entering drains, sewers or rivers.

5. OTHER INFORMATION**Toxicological Information:**

Acute toxicity: LD50 oral, rat: >30,000mg/kg

LD50 dermal: Not available

Irritation: Not irritating

CONTACT POINT: EMERGENCY No. 0419 341 095 any time

DISCLAIMER: The information given in this data sheet is based on data supplied by the manufacturer and is, to the best of our knowledge, true and accurate, but any recommendations or suggestions that may be made are without guarantee, since the conditions of use are beyond our control. The information and recommendations offered are for the user's consideration and it is the user's responsibility to satisfy themselves that they are suitable and complete for this particular purpose. We recommend that the safety and handling information presented in this data sheet be passed on, in an appropriate format, to your customers and handlers.