

# **Safety Data Sheet**

#### **Section 1: Identification**

Product Name: Trioctyl Trimellitate (TOTM)
Synonyms: tris(2-ethylhexyl) trimellitate

**CAS #:** 3319-31-1 **Chemical Formula:** C33H54O6

**Company:** AllChem Industries ICG, Inc.

6010 NW First Place Gainesville, FL 32607

Recommended Use: Plasticizer.

**Restrictions on Use:** No data available.

#### **Section 2: Hazard Identification**

\*Not classified as dangerous according to GHS criteria for this product.

**Emergency Number:** CHEMTREC 800-424-9300

**GHS Label elements:** \*GHS label elements are not applicable for this product.

Pictograms: \*No Hazard symbol required.

Other classifications:

NFPA Rating:Health:1Health:1Fire:1Flammability:1Reactivity:0Physical:0

# Section 3: Composition / Information on Ingredients

Component	CAS Number	Concentration	EC Number
tris(2-ethylhexyl) trimellitate	3319-31-1	99.9 - 100 %	222-020-0

#### **Section 4: First Aid Measures**

**Inhalation:** Remove to fresh air.

If not breathing, apply artificial respiration.

If breathing is difficult, give oxygen provided a qualified individual is present.

Get medical assistance if symptoms occur.

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel.

Never give anything by mouth to an unconscious person.

Get medical attention.

**Skin Contact:** Flush skin with plenty of soap and water.

Get medical assistance if irritation persists.

**Eve Contact:** Flush eyes with plenty of water.

Get medical attention.

**Note to Physician:** Treat symptomatically and supportively.

**Section 5: Fire Fighting Measures** 

**Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or alcohol resistant foam.

Do NOT use solid water stream as it may spread fire.

Special Protective Equipment: Wear a self-contained breathing apparatus MSHA/NIOSH (approved or equivalent), and full

protective gear.

**Specific Hazards:** Fire residues and contaminated water must be disposed of in accordance with local regulations.

**Section 6: Accidental Release Measures** 

**Emergency Procedures:** Wear personal protection equipment.

Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist or gas.

Ensure adequate ventilation.

**Environmental Precautions:** Prevent further leakage or spillage if safe to do so.

Do not let product enter soil, ditches, sewers, waterways, or groundwater.

**Methods of containment/cleanup:** Absorb with inert materials and place into appropriate containers for disposal.

Notify appropriate authorities and dispose of in accordance with applicable requirements.

**Section 7: Handling and Storage** 

**Handling:** Wear personal protection equipment.

Avoid contact with eyes, skin and clothing.

Avoid ingestion and inhalation. Use only in well-ventilated area. Wash thoroughly after handling.

Empty containers retain product residue (liquid and/or vapor), and can be dangerous.

**Storage:** Store tightly closed container in a cool, dry, well-ventilated area.

Keep isolated from incompatible materials.

**Section 8: Exposure Controls / Personal Protection** 

**Exposure Limit:** No exposure limits established.

**Engineering Controls:** Use adequate ventilation to keep airborne concentrations low.

An emergency eye wash/shower must be readily accessible to the work area.

**Personal Protective Equipment:** 

**Respirators:** Follow the OSHA respirator regulations found in 29 CFR 1910.134. In confined areas, use a self-

contained breathing apparatus.

**Skin Protection:** Wear appropriate protective gloves and clothing to prevent skin exposure.

**Eye Protection:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and

face protection regulations in 29 CFR 1910.133.

**Section 9: Physical and Chemical Properties** 

Physical State: Liquid

**Color:** Clear, colorless viscous

Odor: Odorless

**Odor Threshold:** Not applicable pH: Not determined -43 °C **Melting/Freezing Point: Boiling Point:** 414 °C **Decomposition Temperature:** 400 °C 263 °C Flash Point: 410 °C **Auto-ignition Temperature:** Flammability/Explosive Limits: 0.26 to 2.5 % (V) **Vapor Pressure:** < 0.001 hPa at 25 °C 18.9 Vapor Density (air=1): Relative Density (water=1): 0.989 at 20°C Solubility (in water): Negligible; 0.1 g/L at 25 °C Partition coefficient: n-Octanol/water: Log Pow: 8.88 at 55 °C **Evaporation Rate (Butyl Acetate=1)** Not determined **Kinematic Viscosity** 312.64 mm<sup>2</sup>/s at 20 °C **Molecular Weight:** 546.8 g/mol

# **Section 10: Stability and Reactivity**

**Stability:** Stable at room temperature and under normal conditions.

**Hazardous Reactions:** Thermally stable at typical use temperatures.

Polymerization will not occur.

**Conditions to Avoid:** No data available.

**Incompatible Materials:** Strong oxidizing agents.

**Decomposition Products:** Carbon oxides.

# **Section 11: Toxicological Information**

#### **Potential Health Effects:**

Inhalation: Not expected to be harmful.

Skin Contact: Not expected to be harmful.

Eye Contact: Not expected to be harmful.

Ingestion: Not expected to be harmful.

### **Numerical Measures of Acute Toxicity:**

Route	Test	Subject	Value	Time
Oral	LD 50	Rat/Mouse	> 3,200 mg/kg	
Inhalation	LD 50	Rat	> 10 ppm	6 hours

#### **Additional Information:**

Aspiration Toxicity: Not classified based on available information.

Carcinogenicity: This product is not classified as a carcinogen by IARC or U.S. ACGIH, NTP or OSHA.

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Germ cell mutagenicity: Not classified based on available information.

Reproductive toxicity: Not classified based on available information.

Sensitization: Not classified based on available information.

STOT - Repeated Exposure: Not classified based on available information.

STOT - Single Exposure: Not classified based on available information.

# **Section 12: Ecological Information**

Ecotoxicity	Group	Test	Subject	Value	Time
	Fish:	LC 50	Oncorhynchus mykiss	> 1,000 mg/L	48 hours

Persistence and Degradability: No data available

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

## **Section 13: Disposal Considerations**

Packaging: Empty containers may retain product residue, follow label warnings even after container is emptied.

**Disposal:** Dispose of according to Federal, State, and Local Regulations.

# **Section 14: Transportation Information**

The information in this section is for reference only and should not take the place of a bill of lading specific to an order.

Product is not regulated for transport per 49 CFR

#### **Section 15: Regulatory Information**

**US Federal - TSCA:** This product is listed on the TSCA active inventory.

California - Prop 65: This product can expose you to chemicals, including Dioctyl Phthalate (CAS: 117-81-7), which is

known to the State of California to cause cancer and birth defects or other reproductive harm. For

more information go to www.P65Warnings.ca.gov.

#### **Section 16: Other Information**

**Revision Date:** Wednesday, February 26, 2020

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall AllChem be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if AllChem has been advised of the possibility of such damages.