

Material Safety Data Sheet (MSDS)

Product: Dioctyl Phthalate

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Section 1 – Chemical Product and Company Identification

Manufacturer's Name and address : Sebacic Oman SAOC, Plot no 1 Duqum free zone, Duqum,
Sultanate of Oman
+968 95593123

Product Name: **Dioctyl Phthalate [Di Capryl Phthalate]**
Synonym: **Phthalic Acid, Capryl Phthalate**
Chemical Formula: **C₂₄H₃₈O₄**
HSN Code: **29173990**

Section 2 – Composition, Information on Ingredients

CAS#	Chemical Name	%	EINECS#
117-81-7	Dioctyl Phthalate	99%	204-211-0
	Moisture	1.0%	

Section 3 – Hazards Identification

EMERGENCY OVERVIEW

Not available

POTENTIAL HEALTH EFFECTS

Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Section 4 – First aid Measures

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Section 5 – Fire Fighting Measures

Flammability of the product	May be combustible at high temperature.
Extinguishing Media	Water spray Carbon dioxide Dry chemical powder Appropriate foam

Section 6 – Accidental Release Measures

Small Spill	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Large Spill	Absorb with an inert material and put material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7 – Handling and Storage

Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Skin Contact	Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.
Ingestion	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing collar, tie.
Inhalation	If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
Notes to Physician	Treat symptomatically.

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Handling	Keep locked up. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapour/spray. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area.

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Section 8 – Exposure Controls, Personal Protection

Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
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PERSONAL PROTECTIVE EQUIPMENT

General Hygiene measure	Wash thoroughly after handling
Personal Protection	Safety glasses. Lab coat.
Hand Protection	Gloves. Suggested protective clothing might not be sufficient; consult a specialist before handling this product.
Eye Protection	Splash goggles.

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Section 9 – Physical and Chemical Properties

Physical State	Liquid
Appearance	Colorless
Odor and Taste	Slight
PH	NA
Vapor Pressure	0 KPa @ 20 ° C
Boiling Point	384 ° C
Freezing/Melting Point	-55 ° C to -46 ° C
Auto ignition Temperature	NA
Flash Point closed cup	NA
Solubility	Insoluble in cold water. It is miscible in mineral oil, and hexane. It is slightly soluble in carbon tetrachloride.
Specific Gravity	0.9861 g/cm ³
Molecular Formula	C ₂₄ H ₃₈ O ₄
Molecular Weight	390.54 g/mol

Section 10 – Stability and Reactivity

Chemical Stability	Stable
Conditions to Avoid	Excess heat, ignition sources, incompatible materials
Hazardous Polymerization	Will not occur.

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Section 11- Toxicological Information

RTECS#	TI0350000
Routes of Entry	Absorbed through skin. Eye Contact.

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Section 12 – Ecological Information

Ecotoxicity: Ecotoxicity in water (LC50): 0.7 mg/l 96 hours [Lepomis macrochirus]. >100 mg/l 96 hours [Channel catfish]. >100 mg/l 96 hours [Trout].

Section 13 – Disposal Considerations

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14 – Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15 – Regulatory Information

Federal and State Regulations:

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Dioctyl phthalate
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute:

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Diethyl phthalate Connecticut hazardous material survey.: Diethyl phthalate Illinois toxic substances disclosure to employee act: Diethyl phthalate Illinois chemical safety act: Diethyl phthalate New York release reporting list: Diethyl phthalate Rhode Island RTK hazardous substances: Diethyl phthalate Pennsylvania RTK: Diethyl phthalate Minnesota: Diethyl phthalate Massachusetts RTK: Diethyl phthalate Massachusetts spill list: Diethyl phthalate New Jersey: Diethyl phthalate New Jersey spill list: Diethyl phthalate Louisiana spill reporting: Diethyl phthalate California Director's List of Hazardous Substances: Diethyl phthalate TSCA 8(b) inventory: Diethyl phthalate TSCA 8(a) IUR: Diethyl phthalate TSCA 8(d) H and S data reporting: Diethyl phthalate: Effective date: 10/4/82; Sunset data: 10/4/92 SARA 313 toxic chemical notification and release reporting: Diethyl phthalate CERCLA: Hazardous substances.: Diethyl phthalate: 100 lbs. (45.36 kg)

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Section 16 – Additional Information

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.