

# Material Safety Data Sheet

## Diisononyl Phthalate (DINP)

### Section 1. Product And Company Identification

Product	Diisononyl Phthalate
Synonyms	DINO

Company Identification: (INDIA)	Veritas House, 70 Mint Road, Fort, Mumbai - 400 001. INDIA
For information in the INDIA, call:	Tel: +91 - 22 - 2275 5555 / 6184 0000, Fax: +91 - 22 - 2275 5556 / 6184 0001

### Section 2. Composition / Information on Ingredients

Component :	Diisononyl Phthalate
CAS number :	68515-48-0
Percentage :	99.5
Others	water – 0.1%

### Section 3. Hazard Identification

#### Major health hazards :

- No significant target effects reported.
- Potential health effects

Inhalation	Short term exposure : Irritation Long term exposure : No information is available
Skin contact	Short term exposure : Irritation Long term exposure : No information is available
Eye contact	Short term exposure : Irritation Long term exposure : No information is available
Ingestion	No information is available

### Section 4. First Aid Measures

Inhalation	Remove from exposure immediately. Use a bag valve mask or similar device to perform artificial respiration (rescue breathing) if needed, Get medical attention.
Skin contact	Remove contaminated clothing, jewelry, and shoes immediately. Wash with soap or mild detergent and large amounts of water until no evidence of chemical remains (at least 15-20 minutes). Get medical attention, if needed.
Eye contact	Wash eyes immediately with large amount of water or normal saline, occasionally lifting upper and lower lids, until no evidence of chemical remains. Get medical attention immediately
Inhalation	If vomiting occurs, keep head lower than hips to help prevent aspiration. Get medical attention, if needed

## Section 5. Fire-Fighting Measures

- **Fire and explosion hazards:** Slightly fire hazard.
- **Extinguishing media :** Carbon dioxide, regular dry chemical, regular foam, water
- **Large fires :** Use regular foam or flood with fine water spray.
- **Fighting:** Move container from fire area if it can be done without risk. Do not scatter spilled material with high-pressure water streams. Dike for later disposal. Use extinguishing agents appropriate for surrounding fire. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.
- **Firefighting protective equipment:** Full firefighting turn-out gear(bunker gear) . Any supplied-air respirator with full facepiece and operated in a pressure-demand or other positive-pressure mode in combination with a separate escape supply. Any self-contained breathing apparatus with a full facepiece.

## Section 6. Accidental Release Measures

### **Occupational release**

Stop leak if you can do it without risk. Reduce vapors with water spray. Small spills: Absorb with sand or other non-combustible material. Collect spilled material in appropriate container for disposal. Keep unnecessary people away, isolate hazard area and deny entry.

## Section 7. Handling And Storage

Store and handle in accordance with all current regulations and standards. Store in a cool, dry place. Ventilation required. Store in a tightly closed container. Avoid contact with light. Keep separated from incompatible substances.

## Section 8. Exposure Controls/ Personal Protection

- **Ventilation:** Provide local exhaust or process enclosure ventilation system. Ensure compliance with applicable exposure limits.
- **Eye protection:** Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.
- **Clothing :** Wear appropriate chemical resistant clothing
- **Gloves:** Wear appropriate chemical resistant gloves.
- **Respirator:** Under conditions of frequent use or heavy exposure, respiratory protection may be needed. Respiratory Protection is ranked in order from minimum to maximum. Consider warning properties before use. Any chemical cartridge respirator with organic vapor cartridge(s). Any chemical cartridge respirator with a full face piece and organic vapor cartridge respirator with a full face piece and organic vapor cartridge(s). Any air-purifying respirator with a full face piece and an organic vapor canister. For unknown concentrations or immediately dangerous to life or health-Any supplied-air respiratory with full face piece and operated in a pressure-demand or other positive-pressure mode in combination with a separate escape supply.
- Any self-contained breathing apparatus with a full face piece.

## Section 9. Physical and Chemical Properties

Appearance :	clear
Color :	Colorless
Texture :	Oily
Physical form :	Liquid
Odor :	Faint odor
Molecular weight :	278.34
Boiling point :	482-486 F(250-252C)
Freezing point :	-54F(-48C)
Vapor pressure :	<0.001 kPa @ 38C
Vapor density(air=1) :	>10
Specific gravity (water=1) :	0.971-0.975
Water solubility :	Insoluble
pH :	7
Volatility :	No data available
Odor threshold :	No data available
Evaporation rate :	No data available
Viscosity :	102 cSt @ 20C

## Section 10. Stability and Reactivity

- **Reactivity:** Stable at normal temperatures and pressure.
- **Conditions to Avoid:** Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials
- **Incompatibilities:** Oxidizing materials.
- **Hazardous decomposition:** Thermal decomposition products: miscellaneous decomposition products.
- **Hazardous polymerization :** Will not polymerize

## Section 11. Toxicological Information

<b>Carcinogen Status:</b>	None
<b>Acute toxicity level:</b>	No data available
<b>Target organs:</b>	No data available

## Section 12. Ecological Information

No data available.

## Section 13. Disposal Considerations

Dispose in accordance with all applicable regulations.

## Section 14. Transport Information

No classification currently assigned.

## Section 15. Regulatory Information

U.S. regulations :	
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TSCA inventory status :
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## 16. Other Information

<b>MSDS Creation Date:</b>
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July 22, 2015
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<b>Revision #0 Date</b>
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