

MATERIAL SAFETY DATA SHEET

THE HALLSTAR COMPANY

Section 1 - Identification of Substance and Company

Product Name: PLASTHALL® DINP

Product Code: 1564

Chemical Name: Diisononyl Phthalate

Supplier: The HallStar Company ⁽¹⁾
120 S. Riverside Plaza Suite 1620
Chicago, IL 60606 PH: 877-427-4255
USA

HMIS
Health: 1
Flammability: 1
Reactivity: 0
Gloves & Safety Glasses

Emergency Phone Numbers: The HallStar Company (708) 594-5999
CHEMTREC (transportation) (800)424-9300

Section 2 - Information on Ingredients

| <u>Chemical Name</u> | <u>CAS #</u> |
|----------------------|--------------|
| Diisononyl Phthalate | 28553-12-0 |

Section 3 - Hazard Identification

Appearance/Odor: Colorless liquid; mild odor.

Potential Health Effects

Skin Contact: Repeated or prolonged skin contact may cause mild skin irritation.
Eye Contact: May cause mild eye irritation of susceptible persons.
Ingestion: May cause nausea, vomiting and diarrhea.
Inhalation: Prolonged or excessive inhalation may cause respiratory tract irritation.

Section 4 - First Aid Measures

Skin Contact: Wash affected skin with soap and water. Seek medical attention if symptoms persist.
Eye Contact: Flush eyes with large amounts of water for at least 15 minutes. If irritation persists, consult a physician.
Ingestion: Seek medical advice.
Inhalation: Person should be moved to a fresh air environment.

Section 5 - Explosion and Fire-Fighting Measures

Flash Point (COC): 470°F
Autoignition Temperature: 500°F
Extinguishing Media: CO₂, Dry Chemical, Water Fog, or Foam
Special Fire-Fighting Procedures: A MSHA/NIOSH approved self-contained breathing apparatus should be worn. Use water spray to cool fire-exposed containers.
Unusual Fire and Explosion Hazards: Water or foam may cause frothing.

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Section 6 - Accidental Release/Spill Procedures

Steps to be Taken in Case Material is Released or Spilled: Dike and contain the spill with inert material (i.e., sand, earth, sawdust) and transfer liquid and solid diking material to separate containers for recovery or disposal. Wash floor area with hot water solution. Remove contaminated clothing and wash before reuse. Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

Section 7 - Handling and Storage

Any use of this product in an elevated temperature process should be evaluated to establish and maintain safe operating procedures. Keep away from heat, sparks, and flame.

Containers should be kept tightly closed and stored in a dry well-ventilated place

Section 8 - Personal Protection

OSHA Permissible Exposure Limit (PEL): Not established

Hand Protection: Neoprene or Nitrile Gloves
Respiratory Protection: Use a NIOSH approved respirator when exposure to mists or vapors is anticipated.
Eye Protection: Safety glasses

Engineering Measures: For normal operation, local exhaust ventilation should suffice. Direct exhaust may be necessary when material becomes heated and vapors are given off.

Other: Eyewash facility in vicinity.

Section 9 - Physical and Chemical Properties

| | | | |
|-------------------------------|-----------------------------|-----------------------------|-----------|
| Boiling Point: | 485°F | Specific Gravity: | 0.973 |
| Flash Point (COC): | 470°F | Freezing Point: | N/A |
| Vapor Density(Air=1): | >10 | Solubility in Water: | Insoluble |
| Vapor Pressure (psia): | Negligible | Viscosity (25°C): | N/A |
| Appearance/Odor: | Colorless liquid; mild odor | | |

Section 10 - Stability and Reactivity

Stability: This product is stable under normal conditions. Will hydrolyze under acidic & basic conditions.

Conditions to Avoid: Oxidizers

Hazardous Decomposition Products: Combustion may produce carbon monoxide, carbon dioxide and other asphyxiants. Organic acids.

Hazardous Polymerization: Will not occur under normal circumstances.

Section 11 - Toxicological Information

No information available at this time.

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Section 12 - Ecological Information

This substance will float on water. However, an accidental spill in water is not expected to affect the environment.

Section 13 - Disposal Considerations

Waste Disposal Methods: Material should be disposed of in accordance to current local, state, and federal regulations. Contacting a waste disposal service is recommended.

Section 14 - Transport Information

No regulated as hazardous by the Department of Transportation.

Section 15 - Regulatory Information

Toxic Substances Control Act (TSCA): This product is listed on the TSCA inventory.

Domestic Substance List (DSL): This product is listed on the DSL inventory.

China Inventory of Existing Chemical Substances (IECSC): This product is listed on the IECSC inventory.

European Inventory of Existing Chemical Substances (EINECS): This product is listed on the EINECS inventory.

ECL (Korean Toxic Substances Control Act): This product is listed on the Korean Inventory or otherwise complies with the Korean Toxic Substances Control Act.

Superfund Amendments and Reauthorization Act (SARA): This product has the following hazards as defined in Section 311/312 of 40 CFR Part 372:

Hazards

Acute Health Hazard

This product contains the following chemicals subject to the reporting requirements of Section 313 or Title III of SARA and 40 CFR Part 372:

Ingredients

None

California Proposition 65: This product is listed on the Prop. 65 list known to the State of California to cause cancer, birth defects, or other reproductive harm per the Safe Drinking Water and Toxic Enforcement Act of 1986:

Section 16 - Other Information

Prepared By: AAC

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Supersedes: 05/11

All information is presented in good faith using available information. The HallStar Company makes no representation of the accuracy or completeness of the information. The user should consider this information as a supplement to other information that may be available. User should also determine suitability of information in their situation to determine proper use and disposal, protection of persons and the environment.

⁽¹⁾ Affiliated companies include RTD*HallStar Company, HallStar Solutions Corp., Ester Solutions Company, Memphis Solutions Company and Marine Magnesium & Minerals Company.