

MATERIAL SAFETY DATA SHEET

THE HALLSTAR COMPANY

Section 1 - Identification of Substance and Company

Product Name: PLASTHALL® DIDP

Product Code: 1567

Chemical Name: Diisodecyl 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>
Diisodecyl Phthalate	68515-49-1

Section 3 - Hazard Identification

Appearance/Odor: Clear liquid; mild odor.

CAUTION: Generally recognized as a low potential industrial hazard. May cause mild eye and skin irritation.

Potential Health Effects

Skin Contact: Repeated or prolonged skin contact may cause skin irritation.

Eye Contact: May cause mild eye irritation of susceptible persons.

Ingestion: Not expected to be toxic; however, may cause nausea, vomiting and diarrhea.

Inhalation: Exposure hazard potential is regarded to be low. However, if product is heated, misted or sprayed, and concentrations exceed the recommended exposure limit, it may become irritating to the mucous membranes of the upper respiratory tract.

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: If conscious, give 1-2 glasses of milk or water and induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention.

Inhalation: Person should be moved to a fresh air environment. Seek medical attention.

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Section 5 - Explosion and Fire-Fighting Measures

Flash Point (COC): 450° F
Extinguishing Media: CO₂, Dry Chemical, Water Fog, 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: Solid streams of water directed at burning liquid may cause frothing.

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

Handling: No special handling precautions.

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

Section 8 - Personal Protection

Permissible Exposure Limits: OSHA PEL: 5mg/m³* (*for similar phthalate esters)

Hand Protection: Neoprene, natural rubber or nitrile gloves
Respiratory Protection: Use a NIOSH approved respirator when exposure to mists or vapors is anticipated.
Eye Protection: Safety glasses or face shield
Engineering Measures: For normal operation, local exhaust ventilation should suffice. Direct exhaust when exposure is above the OSHA PEL.
Other: Eyewash facility in vicinity.

Section 9 - Physical and Chemical Properties

Boiling Point @5mm Hg:	542°F	Specific Gravity:	0.965
Flash Point (COC):	450°F	Evaporation Rate:	N/A
% Volatile by Vol:	N/A	Solubility in Water:	Negligible
Vapor Pressure (20°C):	Negligible	pH:	N/A
Appearance/Odor:	Clear liquid; mild odor		

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Section 10 - Stability and Reactivity

Stability: This product is stable under normal conditions.
Conditions to Avoid: None known
Hazardous Decomposition Products: Possibly carbon monoxide, carbon dioxide and organic acids.
Hazardous Polymerization: Will not occur under normal circumstances.

Section 11 - Toxicological Information

The dietary administration of DIDP to rats has been demonstrated to produce hepatomegaly, proliferation of hepatic peroxisomes and alterations in serum triglyceride and cholesterol levels (British Industrial Biological Research Assoc. Confidential Report, No. 0495/5/85 to the Chemical Manufacturers Association, June 1985).

DIDP was tested on Bacillus subtilis and E. coli for repair and on E. coli and Salmonella typhimurium for mutation. All studies produced negative results (Env. Health Perspectives 17:203, 1976)

Laboratory animal studies have shown that DIDP may cause adverse reproductive effects at high doses (Environ. res. 9:1, 1975)

Section 12 - Ecological Information

This product does not contain any ozone depleting compounds (ODC's).

EC or LC₅₀: >0.02 mg/L, (mortality) 48 hr. static, Daphnia magna
>1.0 mg/L, (mortality) 96hr flow-thru, P. promelas

Section 13 - Disposal Considerations

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

Section 14 - Transport Information

Not classified as hazardous according to the Department of Transportation Regulations.

Section 15 - Regulatory Information

Toxic Substances Control Act (TSCA): This product is in compliance with the TSCA regulation of the United States.

Australian Inventory of Chemical Substances (AICS): This product is listed on the AICS inventory of Australia.

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

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

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

Product Name: PLASTHALL® DIDP

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

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 contains the following substances 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:

Ingredients
None

Section 16 - Other Information

Prepared By: DCU

Revision Date: 05/11
Supersedes: 06/07

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.