

MATERIAL SAFETY DATA SHEET

THE HALLSTAR COMPANY

Section 1 - Identification of Substance and Company

Product Name: PLASTHALL® DBP

Product Code: 1507

Chemical Name: Dibutyl Phthalate

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

HMIS
Health: 2
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>
Dibutyl Phthalate	84-74-2

Section 3 - Hazard Identification

Appearance/Odor: Colorless liquid; mild odor.

Potential Health Effects

Skin Contact: Repeated or prolonged skin contact may cause skin irritation. May cause sensitization in susceptible persons.

Eye Contact: May cause slight eye irritation.

Ingestion: May irritate mouth, throat and stomach. May cause nausea, vomiting and dizziness.

Inhalation: May cause dizziness.

Section 4 - First Aid Measures

Skin Contact: Immediately wash affected skin with soap and water. Seek medical attention if symptoms persist.

Eye Contact: Immediately 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): 191°C

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: None

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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 process should be evaluated to establish and maintain safe operating procedures.

Keep from contact with oxidizing materials.

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

Section 8 - Personal Protection

OSHA Permissible Exposure Limit (PEL): 5 mg/m³

Hand Protection: Nitrile or Butyl Rubber 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 or PEL is exceeded.

Other: Eyewash facility in vicinity.

Section 9 - Physical and Chemical Properties

Boiling Point:	340°C	Specific Gravity:	1.048
Flash Point (COC):	191°C	Freezing Point:	-35°C
Vapor Density:	9.6	Solubility in Water:	11.2 mg/l
Vapor Pressure (20°C):	0.0000189 mbar	Viscosity (25°C):	15 mPa.s
Appearance/Odor:	Colorless liquid; mild odor		

Section 10 - Stability and Reactivity

Stability: This product is stable under normal conditions.
Conditions to Avoid: Oxidizers
Hazardous Polymerization: Will not occur under normal circumstances.
Hazardous Decomposition Products: May produce 1-butene, carbon dioxide and carbon monoxide.

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Section 11 - Toxicological Information

General: High oral doses of this material given to pregnant animals produced some minor abnormalities in their offspring. However, this exposure is not expected in humans because the substance is not intended for oral consumption. The amount that a human would be exposed to through inhalation or skin contact is not significant enough to produce such effects. Material should be handled in accordance to this Material Safety Data Sheet.

Acute Toxicity:

Oral LD-50: (rat)	8,000 mg/kg
Skin Irritation (guinea pig)	slight
Eye Irritation (human)	slight

Section 12 - Ecological Information

This material may be toxic to aquatic life.

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

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

Marine Pollutant: dibutyl phthalate

Reportable Quantity : 10 lbs.

DOT Name: Environmentally hazardous substances, liquid, n.o.s.

DOT Technical Name: (dibutyl phthalate)

DOT Class : 9

DOT ID Number : UN 3082

DOT Packing Group: III

Section 15 - Regulatory Information

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

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

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

European Inventory of Existing Chemical Substances (EINECS): This product is listed on the EINECS inventory of Europe (#201-557-4).

MITI (Japanese Handbook of Existing and New Chemical Substances): This product is listed in the Handbook or has been approved in Japan by new substance notification.

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

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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

Chronic 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

dibutyl phthalate

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: AAC

Revision Date: 06/07

Supersedes: 08/04

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.