



Safety Data Sheet (SDS)

Revision / Review Date: 12/10/15

1. Chemical Product and Company Identification

Product Name:	800P
Distributed By:	HB Chemical 1665 Enterprise Parkway Twinsburg Oh 44087 Phone - 330-920-8023
SDS Prepared By (w Suppliers Input):	HB Chemical
Chemical Name / Family:	Mixed phthalate ester/ aromatic esters/ (C9-C11) Dialkyl phthalate
Product Use:	Plasticizer
CAS No:	68515-43-5

For emergency health, safety, and environmental information, calls 330-920-8023.

For emergency transportation information, in the United States: call CHEMTREC at 800-424-9300.

2. Hazard(s) Identification

<u>Emergency Overview:</u>	This mixture has not been evaluated as a whole. Information provided on the health effects of this product is based on individual components. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. After handling, always wash hands thoroughly with soap and water.
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<u>OSHA/HCS status:</u>	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
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<u>Classification of the substance or mixture:</u>	Not classified.
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GHS label elements

<u>Signal word:</u>	No signal word.
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<u>Hazard statements:</u>	No known significant effects or critical hazards.
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Precautionary statements

<u>General:</u>	Not applicable.
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<u>Prevention:</u>	Not applicable.
<u>Response:</u>	Not applicable.
<u>Storage:</u>	Not applicable.
<u>Disposal:</u>	Not applicable.
<u>Supplemental label elements:</u>	None known.
<u>Hazards not otherwise classified:</u>	None known.
<u>Eye Contact:</u>	Irritating to eyes.
<u>Skin Contact:</u>	Irritating to skin.
<u>Ingestion:</u>	Can cause irritation to the respiratory tract.
<u>Inhalation:</u>	Ingestion and prolonged contact should be avoided.
<u>HMIS Hazard Ratings:</u>	Health- 1, Flammability - 1, Reactivity -0, Personal - B
<u>HMIS limitation statement:</u>	The HMIS hazard ratings numbers are meant to give a quick indication of the relative hazards associated with the product. All of the information contained in the SDS should be consulted to assist with the safe handling of this material.

3. Composition / Information on Ingredients

Weight Percent / Typical	Component Identity	CAS Registry Number
100	Di (nonyl, decyl, undecyl) phthalate	68515-43-5

4. First Aid Measures

<u>Inhalation:</u>	Remove to fresh air; give artificial respiration or oxygen if necessary.
<u>Eyes:</u>	Flush eyes with water for 15 minutes. Call a physician if irritation develops.
<u>Skin:</u>	Wash skin with soap and water. If in contact with hot product, treat as a burn.
<u>Ingestion:</u>	Do not induce vomiting. Never give anything by mouth to unconscious person. Seek medical attention.

5. Fire-Fighting Measures

<u>Suitable Extinguishing Media:</u>	Water fog, Dry Chemical, Carbon Dioxide, Foam.
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Special Fire Fighting Procedures:

In a fire or if heated, a pressure increase will occur and the container may burst. Treat as burning oil. Keep drums as cool as possible to avoid expansion, explosions, and splattering. Full eye protection and protective clothing are required for all indoor/outdoor fires and spills.

Hazardous Combustion Products:

This product will decompose under extreme temperatures forming oxides of carbon.

6. Accidental Release Measures

Steps to be taken in case material is spilled:

Wear appropriate protective clothing, gloves and equipment. Contain spill with inert absorbent or earth. Transfer to secure containers, dispose of according to local, and state regulations. Thought should always be given to collecting the material in such a manner that it could be recycled. Clean/scrub affected area with detergent.

Environmental Disposal Information:

Prevent run-off into sewers or natural waterways.

Waste Disposal:

All containers should be effectively labeled to facilitate the appropriate disposal or reclaim.

7. Handling and Storage

Empty Containers:

Empty containers can be rinsed with a suitable solvent/surfactant and steamed to remove residual product and fumes before disposal or reuse in accordance with applicable regulations.

Precautions to be taken in handling:

Perform drum and tote filling in well-ventilated area wearing protective eye shields and clothing. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

Storage:

Store in sealed containers in dry, ambient temperature conditions. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. Exposure Controls / Personal Protection

<u>Appropriate engineering controls:</u>	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
<u>Environmental exposure controls:</u>	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
<u>Respiratory Protection:</u>	Respirators should be selected when TWA exceeded. Avoid hot vapors when mixing or packaging.
<u>Ventilation:</u>	Use only where sufficient ventilation exists to keep exposure levels of fumes and dust below recommended levels.
<u>Hand protection:</u>	Chemical-resistant, impervious gloves.
<u>Eye Protection:</u>	Safety glasses with side shields.
<u>Skin and Body Protection:</u>	Wear impervious clothing, boots and apron as appropriate.
<u>Other Precautions:</u>	Exercise good chemical handling practice. Wash with soap and water before eating, drinking or using toilet facilities. Launder contaminated clothing before reuse.
<u>Facilities:</u>	There should be a shower facility and eyewash in the building where this product is being stored and handled.

9. Physical and Chemical Properties

<u>Physical Form:</u>	Oily liquid
<u>Appearance & Odor:</u>	Clear
<u>Specific Gravity:</u>	@25°C = 0.99
<u>Solubility in Water:</u>	<0.1%
<u>Flash Point, TAG CC F:</u>	>90°C (195°F) RAD
<u>Evaporation Rate (Water ~ 1):</u>	< 1 (butyl acetate=1)
<u>Vapor Pressure (mm Hg):</u>	<0.001 mm Hg @ 38°C
<u>Boiling Point (°F) Initial:</u>	252°C (485°F)

10. Stability and Reactivity

<u>Reactivity:</u>	No specific test data related to reactivity available for this product or its ingredients.
<u>Stability:</u>	This product is stable under normal conditions.
<u>Incompatibility (Materials to Avoid):</u>	Material reacts with strong oxidizing agents and bases.
<u>Conditions to Avoid:</u>	Avoid extreme heat. This product decomposes under high temperature and hydrolyses in humid conditions.

Hazardous Polymerization:

Hazardous polymerization will not occur.

Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information

This material is not listed as a carcinogen or potential carcinogen by NTP, IARC, or OSHA.

12. Ecological Information

This material has not been evaluated for environmental effects.

13. Disposal Considerations

Incineration by a permitted hazardous waste facility in accordance with all regulatory requirements is the preferred method of disposal. Empty containers can be rinsed with a suitable solvent/surfactant and steamed to remove residual product and fumes before disposal or reuse in accordance with applicable regulations.

14. Transport Information

D.O.T. Shipping Name: Not restricted.

Air - ICAO (international Civil Aviation Organization): Not restricted.

Sea - IMDG (International Maritime Dangerous Goods): Not restricted.

15. Regulatory Information

All components of this material are on the TSCA Inventory.

All components of this material are on the Canadian DSL.

International lists :

Australia inventory (AICS): All components are listed or exempted.

Taiwan inventory (CSNN): All components are listed or exempted.

Malaysia Inventory (EHS Register): Not determined.

EINECS: All components are listed or exempted.

Japan inventory: All components are listed or exempted.

China inventory (IECSC): All components are listed or exempted.

Korea inventory: All components are listed or exempted.

New Zealand Inventory of Chemicals (NZIoC): All components are listed or exempted.

Philippines inventory (PICCS): All components are listed or exempted.

California Prop. 65:

Product does not contain any chemical known to the State of California to cause cancer, or birth defects or other

reproductive harm, in concentrations that require a warning notice under California's Proposition 65.

SARA 311/312:

Not applicable.

SARA 313:

Not applicable.

State regulations

Massachusetts : None of the components are listed.

New York : None of the components are listed.

New Jersey : None of the components are listed.

Pennsylvania : None of the components are listed.

16. Other Information

The above information has been compiled from what we believe to be credible sources. To our knowledge the information is accurate and reliable, however, it is not guaranteed. Any recommendations issued by HB Chemical personnel or literature is derived from experience and by no means should be taken as fact or construed as a recommendation to violate of any law, regulation or patent. It is the users responsibility to determine the suitability of any HB supplied material in their application. The individual conditions of each customer are well outside of our control and we cannot be held liable for its functionality and use. Please contact our office should you need specific information beyond what is supplied above. As with all Chemical usage safety precautions beyond the stated are highly recommended.