



Safety Data Sheet (SDS)

Revision / Review Date: 3/11/14

1. Chemical Product and Company Identification

Product Name:	DIDP DLD
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:	Not available
Molecular Formula:	Not available
Molecular Weight via GPC, Mn:	Not available
Product Use:	Dispersion
OSHA Status:	Not available
CAS No:	68515-49-1, 112926-00-8

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>GHS Hazard Phrases:</u>	None apply.
<u>GHS Precaution Phrases:</u>	Not available.
<u>GHS Response Phrases:</u>	Not available.
<u>GHS Storage and Disposal Phrases:</u>	Not available.
<u>Signs and Symptoms of Exposure:</u>	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Amorphous silica is not classifiable as to its carcinogenicity to humans (Group 3); however, crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1) (IARC, Vol. : 68 (1997) (p. 41)). Therefore, amorphous silica should be handled as if possessing the same hazards as the crystalline form.
<u>Primary Routes of Entry:</u>	Skin and eyes.
<u>Medical Conditions Generally Aggravated by Exposure:</u>	None known.
<u>Eye Contact:</u>	May cause eye irritation.
<u>Skin Contact:</u>	May be harmful if absorbed through the skin.

<u>Ingestion:</u>	May be harmful if swallowed.
<u>Inhalation:</u>	May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.
<u>HMIS Hazard Ratings:</u>	Not available.
<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.

Principal Hazardous Components:

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA
68515-49-1	Di-isodecyl phthalate		
112926-00-8	Precipitated silica	PEL: 80 mg/m3/(%SiO2)	TLV: 10 mg/m3

3. Composition / Information on Ingredients

CAS #	Components (Chemical Name)	Concentration
68515-49-1	Di-isodecyl phthalate	65.0 -73.0 %
112926-00-8	Precipitated silica	25.0 -33.0 %

4. First Aid Measures

<u>Inhalation:</u>	If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
<u>Eyes:</u>	In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.
<u>Skin:</u>	In case of contact, immediately wash skin with soap and copious amounts of water.
<u>Ingestion:</u>	If swallowed, wash out mouth with water provided person is conscious. Call a physician.

5. Fire-Fighting Measures

<u>Suitable Extinguishing Media:</u>	Water spray, dry chemical, carbon dioxide, or chemical foam.
<u>Special Fire Fighting Procedures:</u>	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
<u>Hazardous Combustion Products:</u>	None known.
<u>Unusual fire and explosion hazards:</u>	None known.

6. Accidental Release Measures

Steps to be taken in case material is spilled:

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust. Methods for cleaning up. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Environmental Disposal Information:

Do not let enter waterways.

Waste Disposal:

Reclaim or dispose of in accordance with local, state, and federal regulations.

7. Handling and Storage:

Empty Containers:

Not available.

Precautions to be taken in handling:

Avoid inhalation. Avoid contact with eyes, skin, and clothing.

Storage:

Keep tightly closed.

8. Exposure Controls / Personal Protection

Exposure Controls:

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA
68515-49-1	Di-isodecyl phthalate		
112926-00-8	Precipitated silica	PEL: 80 mg/m3/(%SiO ₂)	TLV: 10 mg/m ³

Respiratory Protection:

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks.

Ventilation:

Local exhaust.

Hand Protection:

Protective gloves.

Eye Protection:

Chemical safety goggles.

Skin and Body Protection:

Wear impervious clothing.

Work/Hygienic/Maintenance:

Wash thoroughly after handling.

Engineering Controls:

Safety shower and eye bath. Mechanical exhaust required.

9. Physical and Chemical Properties

<u>Physical Form:</u>	Solid
<u>Appearance & Odor:</u>	White to off white free flowing powder.
<u>Specific Gravity:</u>	1.13 ± .10
<u>Softening Point, R&B:</u>	Not available.
<u>Solubility in Water:</u>	Not available.
<u>Flash Point, TAG CC F:</u>	Not available.
<u>Percent Volatiles (by weight):</u>	Not available.
<u>Evaporation Rate (Water ~ I):</u>	Not available.
<u>Vapor Pressure (mm Hg):</u>	Not available.
<u>Vapor Density (Air ~ I):</u>	Not available.
<u>Boiling Point (°F) Initial:</u>	Not available.
<u>Auto ignition Temperature, °C:</u>	Not available.
<u>Flammable Limits, %(V):</u>	Not available.

10. Stability and Reactivity

<u>Stability:</u>	This product is stable under normal conditions.
<u>Incompatibility (Materials to Avoid):</u>	Material reacts with strong acids.
<u>Conditions to Avoid:</u>	None known.
<u>Hazardous Polymerization:</u>	Hazardous polymerization will not occur.

11. Toxicological Information

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA.

OSHA Permissible Exposure Limit: Precipitated silica 112926-00-8 PEL: 80 mg/m³/(%SiO₂)

ACGIH Threshold Limit Value: Precipitated silica 112926-00-8 TLV: 10 mg/m³

CAS #	Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
68515-49-1	Di-isodecyl phthalate				
112926-00-8	Precipitated silica				

12. Ecological Information

This material has not been evaluated for environmental effects.

13. Disposal Considerations

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

14. Transport Information

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

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

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

TDG Shipping Name: Not regulated.

ADR/RID Shipping Name: Not regulated.

15. Regulatory Information

All ingredients of this product are listed or exempted from the EPA TSCA Inventory.

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Components (Chemical Name)	Section 302 (EHS)	Section 304 RQ	Section 313 (TRI)
68515-49-1	Di-isodecyl phthalate	No	No	No
112926-00-8	Precipitated silica	No	No	No

CAS #	Components (Chemical Name)	Other US EPA or State Lists
68515-49-1	Di-isodecyl phthalate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: Yes; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
112926-00-8	Precipitated silica	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 3510; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No

CAS #	Components (Chemical Name)	International Regulatory Lists
68515-49-1	Di-isodecyl phthalate	Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: No; Japan ISHL: No; Korea ECL: Yes - KE-02209; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; Israel HSL: No; Germany WHCS: Yes - 1359; Switzerland Giftliste 1: No; Switzerland INNS: No; REACH: Yes - (R), (P); Kyoto GHG: No; Rotterdam: No; Stockholm: No
112926-00-8	Precipitated silica	Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: No; Japan ISHL: No; Korea ECL: Yes - KE-32733; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; Israel HSL: No; Germany WHCS: Yes - 849; Switzerland Giftliste 1: No; Switzerland INNS: No; REACH: Yes - (P); Kyoto GHG: No; Rotterdam: No;

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.