



Safety Data Sheet (SDS)

Revision / Review Date: 12/8/14

1. Chemical Product and Company Identification

Product Name:	DIDA
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:	Diisodecyl Adipate
Molecular Formula:	C26H50O4
Molecular Weight via GPC, Mn:	426.67 g/mol
Product Use:	Plasticizer
OSHA Status:	Non-hazardous
CAS No:	27178-16-1

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>Overview:</u>	Generally recognized as a low potential industrial hazard. May cause mild eye and skin irritation.
<u>Eye Contact:</u>	May cause slight eye irritation of susceptible persons.
<u>Skin Contact:</u>	Repeated or prolonged skin contact may cause skin irritation.
<u>Ingestion:</u>	Substance may be harmful if swallowed. May irritate mouth, throat and stomach.
<u>Inhalation:</u>	May cause dizziness.
<u>HMIS Hazard Ratings:</u>	Health-0 , Flammability -1 , Reactivity - 0
<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	Chemical name	CAS Number
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HB Chemical 1665 Enterprise Parkway Twinsburg, Ohio 44087

Phone 330-920-8023 Fax 330-920-0971

www.hbchemical.com

100%

Diisodecyl Adipate

27178-16-1

4. First Aid Measures

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

5. Fire-Fighting Measures

<u>Extinguishing Media:</u>	Water fog, Dry Chemical, Carbon Dioxide CO2.
<u>Special Fire Fighting Procedures:</u>	A MSHA/NIOSH approved self-contained breathing apparatus should be worn.
<u>Protective equipment:</u>	Waterproof, rubber boots, goggles and helmet. Wear breathing apparatus.
<u>Unusual fire and explosion hazards:</u>	Solid streams of water directed at burning liquid may cause frothing.

6. Accidental Release Measures

<u>Steps to be taken in case material is Spilled:</u>	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.
<u>Environmental Disposal Information:</u>	Keep spills out of all sewers and bodies of water.
<u>Waste Disposal:</u>	Keep in suitable, closed containers.

7. Handling and Storage:

<u>Empty Containers:</u>	Empty container may contain hazardous residues.
<u>Precautions to be taken in handling:</u>	Any use of this product in an elevated process should be evaluated to establish and maintain safe operating procedures.

<u>Storage:</u>	Containers should be kept tightly closed and stored in a dry well-ventilated place. Keep away from heat sparks and open flames.
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8. Exposure Controls / Personal Protection

<u>Engineering Measures:</u>	For normal operation, local exhaust ventilation should suffice. Direct exhaust when material becomes heated and vapors are given off.
<u>Hand protection:</u>	Neoprene or Viton gloves.
<u>Eye Protection:</u>	Wear safety glasses.
<u>Skin and Body Protection:</u>	To prevent repeated or prolonged skin contact, wear impervious clothing.
<u>Decontamination Facilities:</u>	Eye washing facilities.

9. Physical and Chemical Properties

<u>Physical Form:</u>	Liquid
<u>Appearance & Odor:</u>	Clear mobile liquid/ faint odor
<u>Specific Gravity:</u>	0.91
<u>Solubility in Water:</u>	Insoluble
<u>Flash Point, TAG CC F:</u>	455°F 221 °C (430 °F) - closed cup
<u>Vapor Pressure (mm Hg):</u>	0.0013
<u>Relative density:</u>	0.916 g/mL at 25 °C (77 °F)0.916 g/mL at 20 °C (68 °F)
<u>Melting point:</u>	27.4 °C (81.3 °F)
<u>Boiling Point (°F) Initial:</u>	385 °C (725 °F) at 1,018 hPa (764 mmHg)

10. Stability and Reactivity

<u>Stability:</u>	This product is stable under normal conditions.
<u>Incompatibility (Materials to Avoid):</u>	Material reacts with strong oxidizing agents.

11. Toxicological Information

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

12. Ecological Information

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

13. Disposal Considerations

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

14. Transport Information

D.O.T.: Not dangerous goods.

IMDG: Not dangerous goods.

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

15. Regulatory Information

All components of this material are on the TSCA Inventory.

All components of this material are on the Canadian DSL.

No SARA Hazards.

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

New Jersey RTK Label Information: Diisodecyl adipate, CAS-No. 27178-16-1

Pennsylvania RTK Label Information: Diisodecyl adipate, CAS-No. 27178-16-1

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.