



ZHEJIANG JIAAO ENPROTECH STOCK CO.,LTD.

浙江嘉澳环保科技股份有限公司

www.jiaaohuanbao.com

MATERIAL SAFETY DATA SHEET

1 - Identification of Substance and Company

Product Name	DOA
Chemical Name	Di-2-Ethylhexyl Adipate
Supplier	ZHEJIANG JIAAO ENPROTECH STOCK CO., LTD. NO.1 ECONOMIC DEVELOPMENT ZONE, TONGXIANG, ZHEJIANG, 314500, CHINA
Telephone No	(86)-573-88180231

2 - Information on Ingredients

Chemical Name	CAS Number	Percent (by weight)
Di-2-Ethylhexyl Adipate	103-23-1	100%

3 - Hazard Identification

Appearance and Odor	Clear liquid; mild odor
Potential Health Effects	
Skin Contact	Repeated or prolonged skin contact may cause skin irritation.
Eye Contact	May cause slight eye irritation of susceptible persons.
Ingestion	Substance may be harmful if swallowed. May irritate mouth, throat and stomach.
Inhalation	May cause dizziness.

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

5 - Explosion and Fire-Fighting Measures

Extinguishing Media	CO ₂ , Dry Chemical, Water Fog
Special Fire-Fighting Procedures	A MSHA/NIOSH approved self-contained breathing apparatus should be worn.
Unusual Fire and Explosion Hazards	None

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.
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7 - Handling and Storage

Any use of this product in an elevated temperature 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.

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**8 - Personal Protection**

Hand Protection	Impervious gloves
Respiratory Protection	None required for normal operation.
Eye Protection	Splash goggles
Engineering Measures	For normal operation, local exhaust ventilation should suffice. Direct exhaust when material becomes heated and fumes are given off.
Other	Eyewash facility in vicinity.

9 - Physical and Chemical Properties

Color Shade, (Pt- Co) max	50	Density	0.925-0.935
Flash Point (COC)	190℃	Evaporation Rate	N/A
Vapor Density (Air=1)	12.9	Solubility in Water	Negligible
Vapor Pressure (20℃)	N/A	pH	N/A
Appearance and Odor	Clear liquid; mild odor		

10 – Stability and Reactivity

Stability	This product is stable under normal conditions.
Conditions to Avoid	Strong oxidizing agents.
Hazardous Polymerization	Will not occur under normal circumstances.

11 – Toxicological Information

Acute Toxicity	Oral LD50 (rat): 9.1g/kg
	Dermal LD50 (rabbit): 16.3 ml/kg
	Skin Irritation (rabbit): very slight
	Eye Irritation (rabbit): very slight

12 –Ecological Information

Summary	Data for this material have been used to estimate its environmental impact. It has the following properties: a high potential to affect some aquatic organisms, some potential to biodegrade with acclimated microorganisms from activated sludge, a low potential to persist in the environment, and a low potential to bioconcentrate.
Acute Aquatic Effects	96 hour LC50 (fathead minnow): NOEC > 0.78 mg/l 96 hour LC50 (rainbow trout): NOEC > 0.78 mg/l
This product does not contain any ozone depleting compounds (ODC's)	

13– Disposal Considerations

Water Disposal Methods	Material should be disposed of in accordance to current local and national regulations. Contacting a waster disposal service is recommended.
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14 – Transport Information

Not classified as hazardous according to the Department of Transportation.
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15 - Regulatory Information

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Toxic Substances Control Act (TSCA)	This product is in compliance with the TSCA regulation of the USA.
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. Registration #: 203-090-1
Superfund Amendments and Reauthorization Act (SARA)	<p>This product has the following hazards as defined in Section 311/312 of 40 CFR Part 372:</p> <p><u>Hazards</u></p> <p>None</p> <p>This product contains the following chemicals subject to the reporting requirements of Section 313 or Title III of SARA and 40 CFR Part 372:</p> <p><u>Ingredients</u></p> <p>None</p>
California Proposition 65	<p>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:</p> <p><u>Ingredients</u></p> <p>None</p>

16- Other Information

Revision Date	07/23
Supersedes	
Prepared by	ZHANGJINFU
Title	ENGINEER

N/A= Not applicable N/D= Not determined N/DA= No Data Available N/E= Not established

All information is presented in good faith using available information. Zhejiang Jiaao Enprotech Stock Co.,Ltd 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.

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