

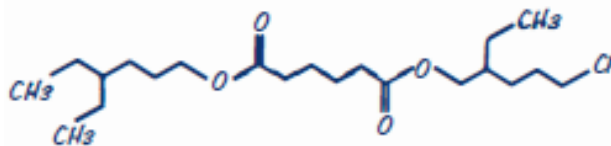
# D.O.A.

## DI 2-ETHYHEXYL ADIPATE



Cas no: 103-23-1

EC no: 203-090-1



### Product Overview:

**LEBA DOA** is a phthalate-free plasticizer ideal for rubber and PVC applications, particularly valued for its exceptional low-temperature properties. Its versatility and safety make it a preferred choice for various industries, especially those requiring food contact compliance.

### Plasticizer Properties:

**LEBA DOA** is a colorless clear liquid, with a faint, characteristic smell. It offers excellent compatibility with most plasticizers and solvents, ensuring seamless integration into various formulations. Highly compatible with PVC, rubber, and nitrocellulose, **LEBA DOA** enhances the flexibility and durability of PVC items, especially under low-temperature conditions.

Key benefits include:

- Outstanding low-temperature flexibility
- Chemical stability and resistance to discoloration, even under prolonged heat exposure
- Excellent solvating properties, making it ideal for use in plastisols

### Regulatory Compliance:

**LEBA DOA** is fully REACH registered and approved for food contact applications by both EFSA and FDA. All necessary regulatory declarations and quality documents are available upon request

### Storage:

For optimal performance, store **LEBA DOA** in its original packaging at temperatures below 40°C, ensuring moisture exclusion. Utilize dedicated equipment for discharging to maintain product integrity.



GEPOSB Cumhuriyet Cad. No:5 Gebze - Kocaeli / TURKEY



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For Further Info



## Packaging Options:

**LEBA DOA** is available in various packaging formats to meet your specific needs:

- Bulk shipments via road tankers
- Isotanks for easy storage and discharge into carbon steel tanks
- IBCs, drums or flexibags for container deliveries

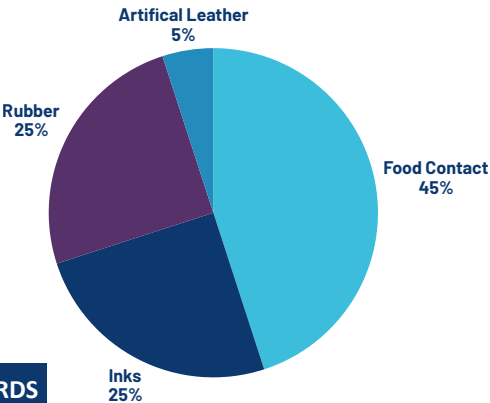
## Safety and Handling:

**LEBA DOA** is non-corrosive and safe to handle when used appropriately. Always consult the Material Safety Data Sheet (MSDS) before use and adhere to recommended safety precautions.

## Applications:

**LEBA DOA** is extensively used in:

- Food contact applications, ensuring safety and compliance
- Products requiring superior low-temperature performance, such as flexible PVC items
- Industrial rubber applications where durability and stability are critical



PROPERTIES	LIMITS	TYPICAL VALUE	UNIT	TEST STANDARDS
Density	0,924 – 0,926	0,924	gr/cm3	ASTM D287-12B
Refractive Index	1,4460 – 1,4480	1,447		ASTM D1218-12
Acidity	0,1 max.	0,05	mgKOH/g	ASTM D1045-08
Viscosity (20°C)	13 – 15	13	mPa.s	ASTM D445-12
Flash Point	> 210	212	°C	ASTM D92-12B
Ester Content	99,5 min.	99,8	%	GC
Water Content	0,05 max	0,03	%	ASTM E1064-16
Colour	20 max	5	Hazen	ASTM D1209-00

## Technical Support:

Our team is available to provide expert guidance and support, ensuring you get the most out of **LEBA DOA** in your applications.

**Tailor Your Solution – Contact Us for Expert Guidance and Sample Formulations!** Partner with **LEBA** to customize your PVC applications. Reach out today to request your personalized sample formulation and discover how **LEBA DOA** can enhance your products.

