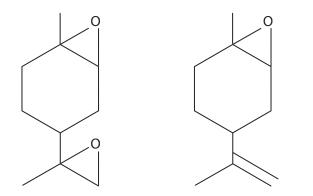
LIMONENE PRODUCTS





Description

Our Limonene product line consists of Limonene Monoxide (LMO), Limonene Dioxide (LDO), and Limonene Monoxide/ Dioxide 70/30 Mix (LMD).

Applications

Limonene epoxides can be used as reactive diluents in cationic and UV cure applications.

Packaging

Our epoxidized Limonene products are available in 5 gallon pails and 55 gallon drums. We can also provide custom packaging to fit your manufacturing requirements.

Custom Epoxidation and Outsourcing

We also provide custom epoxidation of terpenes and specialty alpha olefins, with outsourcing options for your production needs. Our capabilities include manufacturing different optical rotations of terpenes.

Our experts in epoxidation technology welcome the opportunity to discuss your custom epoxidation requirements.

 $\operatorname{NOTE:}\,\operatorname{Please}\,\operatorname{consult}\,\operatorname{the}\,\operatorname{MSDS}\,\operatorname{for}\,\operatorname{updated}\,\operatorname{and}\,\operatorname{detailed}\,\operatorname{safety}\,\operatorname{and}\,\operatorname{health}\,\operatorname{information}.$

Properties

LMO		LM D
LIMO		
1195-92-2	96-08-2	N/A
10	10	11
85	95	95
0.5	0.5	0.5
.93	1.03	.95
Slight	Slight	Slight
113 to 114° C	242° C	105° C
@ 50 mmHg		@ 20 mmHg
150	244	159
Liquid, w/mild citrus odor	Liquid, w/mild citrus odor	Liquid, w/mild citrus odor
Clear to light yellow	Clear to light yellow	Clear to light yellow
	10 85 0.5 .93 Slight 113 to 114° C @ 50 mmHg 150 Liquid, w/mild citrus odor	1195-92-2 96-08-2 10 10 85 95 0.5 0.5 .93 1.03 Slight Slight 113 to 114° C 242° C @ 50 mmHg 150 150 244 Liquid, w/mild citrus odor Liquid, w/mild citrus odor



Environmental and Safety Information

BEFORE HANDLING THIS MATERIAL, READ AND UNDER-STAND THE MSDS (MATERIAL SAFETY DATA SHEET) FOR ADDITIONAL INFORMATION ON PERSONAL PROTECTIVE EQUIPMENT AND FOR SAFETY, HEALTH AND ENVIRONMEN-TAL INFORMATION.

For Environmental, Safety & Toxicology information, contact our Customer Service Department at (800) 446-2880 to request a Material Safety Data Sheet. Arkema believes strongly in Responsible Care as a Public Commitment.

For Product and Technical Information Contact

Chuck Castley **Global Market Manager Epoxides** (856) 223-9829 (phone) (856) 223-5492 (fax) www.additives-arkema.com (website) chuck.castley@arkemagroup.com (e-mail)

For Order Information Contact

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Visit Us at Our Website

www.additives-arkema.com

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Note: The "Material Safety Data Sheet" on this product is available on request from the Safety and Environmental Services Department of Arkema Inc., 2000 Market Street, Philadelphia, PA 19103.



Arkema Inc. 2000 Market Street Philadelphia, PA 19103 Customer Service 1.800.446.2800