



## MATERIAL SAFETY DATA SHEET

DIETHYL MALONATE

### SECTION 1- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name:  
DIETHYL MALONATE

#### General

Synonyms : ethyl malonate, propanedioic acid diethyl ester, malonic ester  
Use : Un Listed  
Molecular formula : CH<sub>2</sub>(COOC<sub>2</sub>H<sub>5</sub>)<sub>2</sub>  
CAS No : 105-53-3  
EC No : Un Listed

Company Information:  
LEONID CHEMICALS  
62/A-2 1st Stage, Yeshwanthpur Industrial Suburb  
Ashokpuram School Road  
Bangalore-560 022, Karnataka, INDIA  
Ph: +91-80-2337 8354, Fax: +91-80-2357 4827

### SECTION 2- COMPOSITION, INFORMATION ON INGREDIENTS

Un Listed

### SECTION 3- HAZARDS IDENTIFICATION

Un Listed

### SECTION 4- FIRST AID MEASURES

Un Listed

### SECTION 5- FIRE FIGHTING MEASURES

Un Listed

### SECTION 6- ACCIDENTAL RELEASE MEASURES

Un Listed

### SECTION 7 - HANDLING and STORAGE

Un Listed

### SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Un Listed



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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES  
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Appearance	:	colourless liquid
Melting point	:	-50 C
Boiling point	:	199 C
Vapour density	:	5.5 (air = 1)
Vapour pressure	:	Un Listed
Density (g cm-3)	:	1.05
Flash point	:	100 C (closed cup)
Explosion limits	:	Un Listed
Autoignition temperature	:	Un Listed
Water solubility	:	negligible

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SECTION 10 - STABILITY AND REACTIVITY  
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Stable. Combustible. Incompatible with strong oxidising agents,  
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SECTION 11 - TOXICOLOGICAL INFORMATION  
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Harmful if swallowed.

Toxicity data :  
ORL-RAT LD50 15000 mg kg-1  
ORL-MUS LD50 6400 mg kg-1

Risk phrases :  
R22.

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SECTION 12 - ECOLOGICAL INFORMATION  
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Un Listed  
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SECTION 13 - DISPOSAL CONSIDERATIONS  
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Un Listed  
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SECTION 14 - TRANSPORT INFORMATION  
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Personal protection  
Safety glasses, good ventilation..  
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SECTION 15 - REGULATORY INFORMATION  
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Un Listed  
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SECTION 16 - OTHER INFORMATION  
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Un Listed  
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