



## MATERIAL SAFETY DATA SHEET

N-DODECANE

### SECTION 1- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name:  
N-dodecane P 500ml

Catalog Numbers: D/5290

Synonyms:  
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

CAS #	:	112-40-3
Chemical Name	:	DODECANE
%	:	Un Listed.
EINECS#	:	203-967-9
Hazard Symbols	:	None Listed.
Risk Phrases	:	None Listed.

### SECTION 3- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW  
Not available

Potential Health Effects

The toxicological properties of this material have not been investigated. Use appropriate procedures to prevent opportunities for direct contact with the skin or eyes and to prevent inhalation.

### SECTION 4- FIRST AID MEASURES

Eyes:

Not available.

Skin:

Not available.

Ingestion:

Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water

Inhalation:

Not available.

Notes to Physician:

Un Listed

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## SECTION 5- FIRE FIGHTING MEASURES

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### General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

### Extinguishing Media:

Not available.

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## SECTION 6- ACCIDENTAL RELEASE MEASURES

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### General Information:

Use proper personal protective equipment as indicated in Section 8.

### Spills/Leaks:

Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

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## SECTION 7 - HANDLING and STORAGE

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### Handling:

Not available.

### Storage:

Not available.

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## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

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### Engineering Controls:

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

### Personal Protective Equipment :

#### Eyes:

Wear safety glasses and chemical goggles if splashing is possible.

#### Skin:

Wear appropriate protective gloves and clothing to prevent skin exposure.

#### Clothing:

Not available.

#### Respirators:

Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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Physical State	:	Liquid
Color	:	Colorless liquid.
Odor	:	Mild aliphatic hydrocarbon odor.
pH	:	Not available.
Vapor Pressure	:	.3 mm Hg @ 20 C
Viscosity	:	35.4 SUS
Boiling Point	:	216 deg C

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Freezing/Melting Point	:	-10 deg C
Autoignition Temperature	:	203 deg C ( 397.40 deg F)
Flash Point	:	71 deg C ( 159.80 deg F)
Explosion Limits, lower	:	0.6
Explosion Limits, upper	:	Not available.
Decomposition Temperature	:	Not available.
Solubility in water	:	Insoluble in water.
Specific Gravity/Density	:	0.75
Molecular Formula	:	C12H26
Molecular Weight	:	170.182

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#### SECTION 10 - STABILITY AND REACTIVITY

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##### Chemical Stability:

Stable under normal temperatures and pressures.

##### Conditions to Avoid:

Not available.

##### Incompatibilities with Other Materials:

Oxidizing agents.

##### Hazardous Decomposition Products:

Carbon monoxide, carbon dioxide.

##### Polymerization:

Has not been reported

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#### SECTION 11 - TOXICOLOGICAL INFORMATION

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##### RTECS#:

CAS# 112-40-3: Jr2125000

##### LD50/LC50:

CAS# 112-40-3: Inhalation, rat: LC50 = >142 ppm/8H.

##### Carcinogenicity:

DODECANE -

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

See actual entry in RTECS for complete information.

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#### SECTION 12 - ECOLOGICAL INFORMATION

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No information available.

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#### SECTION 13 - DISPOSAL CONSIDERATIONS

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Products which are considered hazardous for supply are classified as Special Waste and the disposal of such chemicals is covered by regulations which may vary according to location. Contact a specialist disposal company or the local waste regulator for advice. Empty containers must be decontaminated before returning for recycling

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#### SECTION 14 - TRANSPORT INFORMATION

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##### IATA

Not regulated as a hazardous material.

##### IMO

Not regulated as a hazardous material.

RID/ADR  
Not regulated as a hazardous material.

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## SECTION 15 - REGULATORY INFORMATION

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European/International Regulations  
European Labeling in Accordance with EC Directives

Hazard Symbols:  
Not available.

Risk Phrases:  
Not available.

Safety Phrases:  
Not available

WGK (Water Danger/Protection)  
CAS# 112-40-3: No information available.

United Kingdom Occupational Exposure Limits

United Kingdom Maximum Exposure Limits

Canada  
CAS# 112-40-3 is listed on Canada's DSL List.  
CAS# 112-40-3 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits :

US FEDERAL  
TSCA:  
CAS# 112-40-3 is listed on the TSCA inventory.

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## SECTION 16 - ADDITIONAL INFORMATION

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The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.