



## MATERIAL SAFETY DATA SHEET

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4-IODOTOLUENE, 98%

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**MSDS Name:** 4-IODOTOLUENE, 98%

**Catalog Numbers:**

1049

**Synonyms:**

**Company Identification (Europe):**

LEONID CHEMICALS

62/A-2 2nd Stage, Industrial Suburb

Yeshwanthpur, Bangalore -22, INDIA

Ph- +91-80-23378354

### SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

CAS #	: 624-31-7
Chemical Name	: 4-IODOTOLUENE, 98%
%	: 98
EINECS#	: 210-841-7
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:

Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

#### Skin:

Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

#### Ingestion:

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



**Inhalation:**

Remove from exposure and move to fresh air immediately.

**Notes to Physician:**

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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. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

**Extinguishing Media:**

In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

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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:**

Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, then place into a suitable container for disposal.

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**SECTION 7 - HANDLING and STORAGE**

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**Handling:**

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

**Storage:**

Store in a cool, dry place. Keep container closed when not in use.

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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. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

**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:**

Wear appropriate protective clothing to minimize contact with skin.

**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: Mass

Color: light yellow - white

Odor: Not available.

pH: Not available.

Vapor Pressure: Not available.

Viscosity: Not available.

Boiling Point: 211.5 deg C @ 760.00mmHg

Freezing/Melting Point: 33.00 - 36.00 deg C

Autoignition Temperature: Not available.

Flash Point: 90 deg C ( 194.00 deg F)

Explosion Limits, lower: Not available.

Explosion Limits, upper: Not available.

Decomposition Temperature:

Solubility in water: insoluble

Specific Gravity/Density:

Molecular Formula: C7H7I

Molecular Weight: 218.04

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**SECTION 10 - STABILITY AND REACTIVITY**

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**Chemical Stability:**

Stable under normal temperatures and pressures.

**Conditions to Avoid:**

Incompatible materials, strong oxidants.

**Incompatibilities with Other Materials:**

Strong oxidizing agents.

**Hazardous Decomposition Products:**

Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide, hydrogen iodide.

Hazardous Polymerization: Has not been reported.

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

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**RTECS#:**

CAS# 624-31-7 unlisted.

**LD50/LC50:**

Not available.

**Carcinogenicity:**

4-IODOTOLUENE, 98% -

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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## SECTION 13 - DISPOSAL CONSIDERATIONS

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Dispose of in a manner consistent with federal, state, and local regulations.

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## SECTION 14 - TRANSPORT INFORMATION

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**IATA**  
No information available.  
**IMO**  
No information available.  
**RID/ADR**  
No information available.

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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:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 624-31-7: No information available.

**United Kingdom Occupational Exposure Limits**

**United Kingdom Maximum Exposure Limits**

**Canada**

CAS# 624-31-7 is listed on Canada's NDSL List.

CAS# 624-31-7 is not listed on Canada's Ingredient Disclosure List.

**Exposure Limits**

**US FEDERAL**

TSCA

CAS# 624-31-7 is listed on the TSCA inventory.

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## SECTION 16 - ADDITIONAL INFORMATION

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MSDS Creation Date: 7/16/1996 Revision #0 Date: Original.

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,



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