



## MATERIAL SAFETY DATA SHEET

OCTAFLUORONAPHTHALENE, 96%

CONTACT : **LEONID CHEMICALS**  
Leonid Chemicals Pvt Ltd  
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 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**MSDS Name:** OCTAFLUORONAPHTHALENE, 96%

**Catalog Numbers:**

664

**Synonyms:**

**Company Identification**

LEONID CHEMICALS

62/A-2 2nd Stage, Industrial Suburb

Yeshwanthpur, Bangalore -22, INDIA

Ph- +91-80-23378354.

### SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

CAS#	Chemical Name	%	EINECS#	Haz Symbols	Risk Phrases
313-72-4	OCTAFLUORONAPHTHALENE	96%	206-239-9	None Listed.	None Listed.

### SECTION 3 - HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**

Not available.

**Potential Health Effects**

**Eye:**

May cause eye irritation.

**Skin:**

May cause skin irritation.

**Ingestion:**

May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.

**Inhalation:**

May cause respiratory tract irritation.

**Chronic:**

Not available.

### SECTION 4 - FIRST AID MEASURES

**Eyes:**

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.



**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. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**Notes to Physician:****SECTION 5 - FIRE FIGHTING MEASURES****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.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:**

Vacuum or sweep up material and place into a suitable disposal container.

**SECTION 7 - HANDLING and STORAGE****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.

**SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION****Engineering Controls:**

Use adequate ventilation to keep airborne concentrations low.

**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.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Crystals  
**Color:** white  
**Odor:** Not available.  
**pH:** Not available.  
**Vapor Pressure:** Not available.  
**Viscosity:** Not available.  
**Boiling Point:** Not available.  
**Freezing/Melting Point:** 85.00 - 90.00 deg C  
**Autoignition Temperature:** Not available.  
**Flash Point:** Not available.  
**Explosion Limits, lower:** Not available.  
**Explosion Limits, upper:** Not available.  
**Decomposition Temperature:**  
**Solubility in water:**  
**Specific Gravity/Density:**  
**Molecular Formula:** C10F8  
**Molecular Weight:** 272.09

## SECTION 10 - STABILITY AND REACTIVITY

**Chemical Stability:**

Not available.

**Conditions to Avoid:**

Incompatible materials.

**Incompatibilities with Other Materials:**

Strong oxidizing agents.

**Hazardous Decomposition Products:**

Carbon monoxide, carbon dioxide, hydrogen fluoride gas.

**Hazardous Polymerization:** Has not been reported.

## SECTION 11 - TOXICOLOGICAL INFORMATION

**RTECS#:**

CAS# 313-72-4 unlisted.

**LD50/LC50:**

Not available.

**Carcinogenicity:**

OCTAFLUORONAPHTHALENE, 96% -  
Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.  
See actual entry in RTECS for complete information.

#### SECTION 12 - ECOLOGICAL INFORMATION

#### SECTION 13 - DISPOSAL CONSIDERATIONS

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

#### SECTION 14 - TRANSPORT INFORMATION

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

#### SECTION 15 - REGULATORY INFORMATION

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# 313-72-4:** No information available.  
United Kingdom Occupational Exposure Limits  
  
United Kingdom Maximum Exposure Limits  
  
Canada  
None of the chemicals in this product are listed on the DSL/NDSL list.  
CAS# 313-72-4 is not listed on Canada's Ingredient Disclosure List.  
Exposure Limits  
US FEDERAL  
TSCA  
CAS# 313-72-4 is not listed on the TSCA inventory.  
It is for research and development use only.

#### SECTION 16 - ADDITIONAL INFORMATION

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

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