



## MATERIAL SAFETY DATA SHEET

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

### 1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

Name On Label : Pentafluoroanisole  
Product Number : 673  
Supplier :  
LEONID CHEMICALS  
62/A-2 2nd Stage, Industrial Suburb  
Yeshwanthpur, Bangalore -22, INDIA  
Ph- +91-80-23378354  
Alternative Names : None in common use.

### 2. COMPOSITION AND INFORMATION ON COMPONENTS

Name : Pentafluoroanisole  
Minor Impurities : Not determined  
CAS Number : 389-40-2  
EINECS Number : Not listed  
EEC Number :

### 3. HAZARDS IDENTIFICATION

Designation :  
FLAMMABLE  
Risk Phrases  
R10 Flammable.

### 4. FIRST AID MEASURES

#### Inhalation

Remove to fresh air. Seek medical advice if symptoms persist.

#### Eye Contact

Flush with copious amounts of water for at least 15 minutes.

#### Skin Contact

Wash affected area with soap and water. Rinse thoroughly.

#### Ingestion

Rinse out mouth and drink lots of water. If unusual symptoms are observed, seek medical advice.

### 5. FIRE FIGHTING MEASURES

#### Extinguishing Medium

Use fire fighting measures which suit the environment and take into account other materials which may be involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon dioxide or dry powder.

#### Protective Equipment

Wear self-contained breathing apparatus and protective clothing.



**Hazardous Products of Combustion May Include:**  
carbon monoxide, carbon dioxide, hydrogen fluoride (hydrofluoric acid).

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## 6. ACCIDENTAL RELEASE MEASURES

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### Personal Protection

Keep away from ignition sources. Avoid inhalation of vapour. Wear protective equipment including rubber gloves, eye protection and breathing equipment. Keep unprotected persons away.

### Environmental Protection

Take precautions to ensure product does not contaminate the ground or enter the drainage system.

### Collection

Absorb in vermiculite or proprietary absorbent material and transfer to sealed containers for disposal.

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## 7. HANDLING AND STORAGE

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### Handling

Chemicals should be used only by those trained in handling potentially hazardous materials. Rubber gloves, eye protection and protective clothing should be worn. Operations should be carried out in an efficient fume hood or equivalent system.

### Storage

Store in tightly sealed containers in a cool place.  
Protect from moisture.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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### Respiratory

Avoid inhalation of product. Handle in an efficient fume hood or equivalent system.

### Eye

Avoid eye contact. Wear safety spectacles or goggles.

### Hands and Body

Avoid skin contact. Wear rubber gloves and protective clothing.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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### Appearance :

**Physical Constants:** b.p. 136-139°

**Molecular Formula :** C7H3F5O

**Formula Weight :** 198.09

**Water Solubility :**

**Density :** Not available

**Flash Point :** Not available

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## 10. STABILITY AND REACTIVITY

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### Specific Hazard

### Incompatibilities

Strong oxidising agents.

### Decomposition

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**Hazardous products of decomposition may include:**  
carbon monoxide, carbon dioxide, hydrogen fluoride (hydrofluoric acid).

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#### 11. TOXICOLOGICAL INFORMATION

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RTECS Number : Not listed  
Acute Toxicity  
LD50 : Not available

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#### 12. ECOLOGICAL EFFECTS

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**General**  
Take care to prevent chemicals from entering the ground, water courses or drainage systems.

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#### 13. DISPOSAL CONSIDERATIONS

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**Disposal**  
Disposal should be via an approved contractor and should take full account of local regulations.

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#### 14. TRANSPORT INFORMATION

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UN Number :  
Land Transport  
ADR/RIC Code/Class: /Packing Group n/a  
Maritime Transport IMDG Code/Class : /Packing Group n/a  
Air Transport IATA Code/Class : /Packing Group n/a

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#### 15. REGULATORY INFORMATION

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CAS Number : 389-40-2  
EINECS Number : Not listed  
EEC Number :  
UN Number : None  
RTECS Number : Not listed  
Hazard Indication :  
FLAMMABLE

**Risk and Safety Phrases**  
Flammable.  
Keep away from sources of ignition - No Smoking.  
Keep container tightly closed in a cool, well-ventilated place.  
Do not empty into drains.  
Take precautionary measures against static discharges.

**TSCA:**

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#### 16. OTHER INFORMATION

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It must be recognised that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Date of Last Review:** 1st June 2000  
**Date Printed :** 13th November 2000

