



## MATERIAL SAFETY DATA SHEET

CONTACT : **LEONID CHEMICALS**  
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2,3,4,5,6-Pentafluorophenylacetonitrile, 96%

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**MSDS Name:** 2,3,4,5,6-Pentafluorophenylacetonitrile, 96%

**Catalog Numbers:**

705

**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
653-30-5	2,3,4,5,6-Pentafluorophenylacetonitril	96%	211-498-6	XN	20/21/22 36/37/38

### SECTION 3 - HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Harmful by inhalation, in contact with skin and if swallowed.

Irritating to eyes, respiratory system and skin.

#### 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:**

Not available.

**Inhalation:**

Not available.

**Notes to Physician:**



## SECTION 5 - FIRE FIGHTING MEASURES

**General Information:**

Not available.

**Extinguishing Media:**

Not available.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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

**Spills/Leaks:**

Not available.

## SECTION 7 - HANDLING and STORAGE

**Handling:**

Not available.

**Storage:**

Not available.

## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

**Engineering Controls:**

Personal Protective Equipment

**Eyes:**

Not available.

**Skin:**

Not available.

**Clothing:**

Not available.

**Respirators:**

Not available.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Clear liquid  
**Color:** colorless to very faint yellow  
**Odor:** Not available.  
**pH:** Not available.  
**Vapor Pressure:** Not available.  
**Viscosity:** Not available.  
**Boiling Point:** 107.0 - 111.0 deg C @ 17.00mm  
**Freezing/Melting Point:** 0 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: 1.6100g/cm<sup>3</sup>  
Molecular Formula: C<sub>6</sub>F<sub>5</sub>CH<sub>2</sub>CN  
Molecular Weight: 207.10

#### SECTION 10 - STABILITY AND REACTIVITY

**Chemical Stability:**  
Not available.  
**Conditions to Avoid:**  
Not available.  
**Incompatibilities with Other Materials:**  
Not available.  
**Hazardous Decomposition Products:**  
Not available.  
**Hazardous Polymerization:** Not available.

#### SECTION 11 - TOXICOLOGICAL INFORMATION

**RTECS#:**  
CAS# 653-30-5 unlisted.  
**LD50/LC50:**  
Not available.  
**Carcinogenicity:**  
2,3,4,5,6-Pentafluorophenylacetonitrile -  
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:** XN

**Risk Phrases:**

R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R 36/37/38 Irritating to eyes, respiratory system and skin.

**Safety Phrases:**

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

WGK (Water Danger/Protection)

**CAS# 653-30-5:** 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# 653-30-5 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits

US FEDERAL

TSCA

CAS# 653-30-5 is not listed on the TSCA inventory.

It is for research and development use only.

## SECTION 16 - ADDITIONAL INFORMATION

MSDS Creation Date: 8/23/1996 Revision #0 Date: Original.

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