



MATERIAL SAFETY DATA SHEET

(3,4-DIMETHOXYPHENYL)ACETONITRILE

SECTION 1- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name:
(3,4-DIMETHOXYPHENYL)ACETONITRILE, 99+%

Catalog Numbers: 15526-0000, 15526-0250, 15526-1000

Synonyms:
Homoveratronic, Veratryl cyanide

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 #	:	93-17-4
Chemical Name	:	(3,4-Dimethoxyphenyl)acetonitrile
%	:	99 %
EINECS#	:	202-225-1
Hazard Symbols	:	T
Risk Phrases	:	23/24/25

SECTION 3- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
Toxic by inhalation, in contact with skin and if swallowed

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:

Un Listed

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.

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:

Sweep up, then place into a suitable container for disposal.

SECTION 7 - HANDLING and STORAGE

Handling:

Not available.

Storage:

Not available.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

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.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State	:	Crystals
Color	:	white - almost white
Odor	:	Not available.
pH	:	Not available.
Vapor Pressure	:	Not available.
Viscosity	:	Not available.

Boiling Point	:	171 - 178 deg C @ 10.00mm Hg
Freezing/Melting Point	:	62 - 65 deg C
Autoignition Temperature	:	360 deg C (680.00 deg F)
Flash Point	:	250 deg C (482.00 deg F)
Explosion Limits, lower	:	Not available.
Explosion Limits, upper	:	Not available.
Decomposition Temperature	:	Un Listed
Solubility in water	:	ethanol
Specific Gravity/Density	:	Un Listed
Molecular Formula	:	(CH3O)2C6H3CH2CN
Molecular Weight	:	177.20

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Not available.

Incompatibilities with Other Materials:

Strong oxidizing agents, strong acids, strong bases.

Hazardous Decomposition Products:

Hydrogen cyanide, nitrogen oxides, carbon monoxide, carbon dioxide, nitrogen.

Polymerization:

Has not been reported.

SECTION 11 - TOXICOLOGICAL INFORMATION

RTECS#:

CAS# 93-17-4: AI9325000

LD50/LC50:

CAS# 93-17-4: Oral, mouse: LD50 = 1029 mg/kg.

Carcinogenicity:

(3,4-Dimethoxyphenyl)acetonitrile -

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

See actual entry in RTECS for complete information.

SECTION 12 - ECOLOGICAL INFORMATION

Un Listed

SECTION 13 - DISPOSAL CONSIDERATIONS

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

SECTION 14 - TRANSPORT INFORMATION

IATA

Shipping Name	:	TOXIC SOLID, ORGANIC, N.O.S.*
Hazard Class	:	6.1
UN Number	:	2811
Packing Group	:	III

IMO

Shipping Name : TOXIC SOLID, ORGANIC, N.O.S.*
Hazard Class : 6.1
UN Number : 2811
Packing Group : III

RID/ADR
Shipping Name : TOXIC SOLID, ORGANIC, N.O.S.*
Hazard Class : 6.1
UN Number : 2811
Packing Group : III

SECTION 15 - REGULATORY INFORMATION

European/International Regulations
European Labeling in Accordance with EC Directives

Hazard Symbols:
T

Risk Phrases:
R 23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

Safety Phrases:
S 22 Do not breathe dust.
S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

WGK (Water Danger/Protection)
CAS# 93-17-4: 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# 93-17-4 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits :

US FEDERAL
TSCA:
CAS# 93-17-4 is not listed on the TSCA inventory.
It is for research and development use only.

SECTION 16 - ADDITIONAL INFORMATION

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.