



MATERIAL SAFETY DATA SHEET

2,3-DIMETHYLPHENOL

SECTION 1- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name:
2,3-DIMETHYLPHENOL, 99%

Catalog Numbers:
AC116520000, AC116520050, AC116521000, Ac116525000

Synonyms:
2,3-Xylenol; 1-Hydroxy-2,3-dimethylbenzene; o-Xylenol

Company Information:
LEONID CHEMICALS
62/A-2 1st Stage, Yeshwanthpur Industrial Suburb
Ashokpuram School Road
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SECTION 2- COMPOSITION, INFORMATION ON INGREDIENTS

CAS #	:	526-75-0
Chemical Name	:	2,3-Dimethylphenol
%	:	99 %
EINECS#	:	208-395-3
Hazard Symbols	:	Un Listed
Risk Phrases	:	Un Listed

SECTION 3- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Appearance: white solid.

Caution! Causes eye and skin irritation and possible burns. May cause respiratory and digestive tract irritation. May cause kidney damage

Target Organs:
Kidneys.

Potential Health Effects

Eye:

Causes eye irritation. May cause eye burns.

Skin:

Causes skin irritation. May cause skin burns.

Ingestion:

May cause irritation of the digestive tract. A case of fatal xylene ingestion by a long stay mental hospital patient is described. Clinical course was similar to that observed in other phenolic poisonings with active bowel sounds, nausea, vomiting, severe metabolic acidosis, hypotension, and cardiac and renal failure.

Inhalation:

May cause respiratory tract irritation.

Chronic:

Chronic ingestion may cause effects similar to those of acute ingestion.

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. Get medical aid immediately.

Skin:

Get medical aid. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion:

If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

Inhalation:

Remove from exposure and move to fresh air immediately. Get medical aid if cough or other symptoms appear.

Notes to Physician:

Treat symptomatically and supportively.

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:

Use water spray, dry chemical, carbon dioxide, or chemical foam.

Flash Point:

95 deg C (203.00 deg F)

Autoignition Temperature:

Not available.

Explosion Limits, Lower:

Not available.

Upper:

Not available.

NFPA Rating:

Not published.

SECTION 6- ACCIDENTAL RELEASE MEASURES

General Information:

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Avoid generating dusty conditions.

SECTION 7 - HANDLING and STORAGE

Handling:

Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation

and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Storage:

Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:

Use adequate ventilation to keep airborne concentrations low.

Exposure Limits :

Chemical Name : 2,3-Dimethylphenol
ACGIH : none listed
NIOSH : none listed
OSHA - Final PELs : none listed

OSHA Vacated PELs:

,3-Dimethylphenol: No OSHA Vacated PELs are listed for this chemical

Personal Protective Equipment

Eyes:

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard En166.

Skin:

Wear appropriate protective gloves to prevent skin exposure

Clothing:

Wear appropriate protective clothing to prevent skin exposure.

Respirators:

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State : Solid
Appearance : white
Odor : Not available.
pH : Not available.
Vapor Pressure : 10 mm Hg @97.6C
Vapor Density : Not available.
Evaporation Rate : Not available.
Viscosity : Not available.
Boiling Point : 217 deg C
Freezing/Melting Point : 73-75.5C
Decomposition Temperature : Not available.
Solubility : Slightly soluble.
Specific Gravity/Density : Not available.
Molecular Formula : C8H10O
Molecular Weight : 122.17

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Incompatible materials.

Incompatibilities with Other Materials:

Bases - acid chlorides - acid anhydrides - oxidizing agents - corrodes steel - brass - copper - copper alloys.

Hazardous Decomposition Products:

Carbon monoxide, carbon dioxide.

Polymerization:

Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

RTECS#:

CAS# 526-75-0: Ze5500000

LD50/LC50:

CAS# 526-75-0:

Oral, mouse: LD50 = 302000 mg/m3;

Oral, rat: LD50 = 562000 mg/m3;

Skin, rabbit: LD50 = 1040000 mg/m3;<BR.

Carcinogenicity:

CAS# 526-75-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Epidemiology	:	No data available
Teratogenicity	:	No data available
Reproductive Effects	:	No data available
Mutagenicity	:	No data available
Neurotoxicity	:	No data available

Other Studies:

Un Listed

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity	:	No data available. cfr. DOSE
Environmental	:	No information available.
Physical	:	No information available.
Other	:	No information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

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RCRAP-Series : None listed.

RCRAU-Series : None listed.

SECTION 14 - TRANSPORT INFORMATION

US DOT

Shipping Name : XYLENOLS, SOLID
Hazard Class : 6.1
UN Number : UN2261
Packing Group : II

Canada TDG

Shipping Name : XYLENOLS
Hazard Class : 6.1
UN Number : UN2261
Packing Group : II

SECTION 15 - REGULATORY INFORMATION

US FEDERAL

TSCA

CAS# 526-75-0 is listed on the TSCA inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

CERCLA Hazardous Substances and corresponding Rqs

None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

SARA Codes :

CAS # 526-75-0: acute.

Section 313:

No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depletors.

This material does not contain any Class 2 Ozone depletors.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE:

CAS# 526-75-0 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

California Prop 65

California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:

XI

Risk Phrases:

R 36/38 Irritating to eyes and skin.

Safety Phrases:

S 2 Keep out of reach of children.

S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S 28A After contact with skin, wash immediately with plenty of water.

WGK (Water Danger/Protection)

CAS# 526-75-0: No information available.

Canada - DSL/NDSL:

CAS# 526-75-0 is listed on Canada's DSL List.

Canada WHMIS:

This product has a WHMIS classification of D2B.

Canadian Ingredient Disclosure List:

Un Listed

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 event shall Fisher 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 Fisher has been advised of the possibility of such damages.