



An ISO 9001:2000 Company

Manufacturer of Anti-Oxidants



Milestone
PRESERVATIVES PVT. LTD.
(ISO 9001:2000 Certified)

Reach Pre-registration No. 05-2114487692-35-0000

****** MATERIAL SAFETY DATA SHEET ******

****** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ******

MSDS Name: 4-Methoxyphenol, stabilized,
Company Identification : Milestone Preservatives Pvt. Ltd.
401, Akashdeep Apartment, Near Water Tank,
Karelibaug, Vadodara-390 018, Gujarat, INDIA.

****** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ******

CAS#	Chemical Name	%	EINECS#
150-76-5	4-Methoxyphenol	99%	205-769-8

Hazard Symbols: XN
Risk Phrases: 22 36 43

****** SECTION 3 - HAZARDS IDENTIFICATION ******

EMERGENCY OVERVIEW

Harmful if swallowed. Irritating to eyes. May cause sensitization by skin contact. Hygroscopic (absorbs moisture from the air).

Potential Health Effects

Eye: Causes eye irritation. May result in corneal injury. May cause eye injury. Causes redness and pain.

Skin: Harmful if absorbed through the skin. May be absorbed through damaged or abraded skin in harmful amounts. May cause reddening of the skin. If absorbed, may cause central nervous system effects. May cause depigmentation of the skin. Produces primary irritant dermatitis, sensitization dermatitis, and skin ulcerations.

Ingestion: Harmful if swallowed. May cause irritation of the digestive tract. May cause liver damage. May form methemoglobin which in sufficient concentration causes cyanosis (bluish discoloration of skin due to deficient oxygenation of the blood). May cause necrotic changes in the gastrointestinal tract.

Inhalation: Harmful if inhaled. May cause irritation of the respiratory tract with burning pain in the nose and throat, coughing, wheezing, shortness of breath and pulmonary edema. May cause cardiac abnormalities.

Chronic: Prolonged or repeated contact may cause possible eczema.

Factory : Plot # 123/P, Padra-Jambusar Road, Village : Gavasad-391430, Tal. : Padra, Dist. Vadodara. INDIA
Tel. : 91-2662-245051 Fax : 91-2662-245152

Mail Add. : 401, Akashdeep Apartment, Nr. Water Tank, Karelibaug, Vadodara-390 018. INDIA
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****** 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: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: Get medical aid. Wash mouth out with water.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

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. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. This material in sufficient quantity and reduced particle size is capable of creating a dust explosion.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical 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: Wash thoroughly after handling. Do not breathe dust, vapor, mist, or gas. Do not get in eyes, on skin, or on clothing. Take precautionary measures against static discharges. Use only in a chemical fume hood.

Storage: Store in a cool, dry place. Store in a tightly closed container. Store protected from light and air.

****** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ******

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low. Personal

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Protective Equipment

Eyes: Wear chemical goggles.

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. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Physical State:	Flakes
Color:	white
Odor:	faint odor - phenol-like
pH:	5.1(3% aq.sol.)
Vapor Pressure:	< 0.01 mm Hg @ 20 deg C
Viscosity:	8.5 cP 65 deg C
Boiling Point:	243 deg C @ 760 mmHg
Freezing/Melting Point:	> 54 deg C
Autoignition Temperature:	421 deg C (789.80 deg F)
Flash Point:	133 deg C (271.40 deg F)
Explosion Limits, lower:	Not available.
Explosion Limits, upper:	Not available.
Decomposition Temperature:	
Solubility in water:	40 g/l in water (25°C)
Specific Gravity/Density:	
Molecular Formula:	C7H8O2
Molecular Weight:	124.14

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Incompatible materials, light, ignition sources, exposure to air, excess heat, exposure to moist air or water.

Incompatibilities with Other Materials: Oxidizing agents, bases, acid chlorides, acid anhydrides, alkali hydroxides, finely powdered metals.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, phenol. Hazardous Polymerization: Will not occur.

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**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

RTECS#:

CAS# 150-76-5: SL7700000

LD50/LC50:

CAS# 150-76-5: Draize test, rabbit, skin: 6 gm/12D (Intermittent)
Mild; Draize test, rabbit, skin: 10%; Oral, rat: LD50 = 1600 mg/kg.
Not available. Carcinogenicity: 4-Methoxyphenol - Not listed by ACGIH,
IARC, NIOSH, NTP, or OSHA. See actual entry in RTECS for complete
information.

**** SECTION 12 - ECOLOGICAL INFORMATION ****

Ecotoxicity: Fish: Goldfish: LC50 = +/- 200 mg/l; 48 H; .Fish: Fathead
Minnow: LC50 = 140 mg/l; 96 H; flowthrough bioassay Daphnia: Daphnia:
EC50 = 13 mg/l; 24 H; .log POW = 1.34 Other Biodegradable. Avoid
entering into waters or underground water. Do
not empty into drains.

**** 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

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**** SECTION 15 - REGULATORY INFORMATION ****

European/International Regulations European Labeling in Accordance with EC Directives

Hazard Symbols: XN

Risk Phrases: R 22 Harmful if swallowed.
R 36 Irritating to eyes.
R 43 May cause sensitization by skin contact.

Safety Phrases: S 24/25 Avoid contact with skin and eyes.
S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 37/39 Wear suitable gloves and eye/face protection.
S 46 If swallowed, seek medical advice immediately and show this container or label.

WGK (Water Danger/Protection) CAS# 150-76-5: 1
United Kingdom Occupational Exposure Limits
CAS# 150-76-5: OES-United Kingdom, TWA 5 mg/m³ TWA
United Kingdom Maximum Exposure Limits

**** SECTION 16 - ADDITIONAL INFORMATION ****

MSDS Creation Date: 8/26/1996 Revision #2 Date: 6/30/2008

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.

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