

MATERIAL SAFETY DATA SHEET



SECTION I NAME

Product	P-METHOXYPHENOL
Chemical Synonyms	Hydroquinone monomethyl ether, HQMME
Formula	HO(C ₆ H ₄)OCH ₃
Unit Size	up to 180 Kg.
C.A.S. No.	150-76-5

	CHEMTREC 800-424-9300 Day 716-226-6177	<table border="1"> <tr> <td>Health</td> <td>2</td> </tr> <tr> <td>Fire</td> <td>1</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	Health	2	Fire	1	Reactivity	0
	Health	2						
Fire	1							
Reactivity	0							
NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4	HMS*							

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
p-Methoxyphenol	100%	See Section V.
WARNING! CAUSES EYE AND SKIN IRRITATION.		

SECTION III PHYSICAL DATA

Melting Point (°F)	54°C (129°F)	Specific Gravity (H ₂ O = 1)	1.55 @ 20°C
Boiling Point (°F)	243°C (470°F)	Percent Volatile by Volume (%)	Negligible.
Vapor Pressure (mm Hg)	19 mm Hg @ 140°C (284°F)	Evaporation Rate (n-Butyl Acetate =1)	Negligible.
Vapor Density (Air=1)	Not applicable.		
Solubility in Water	Moderate.		
Appearance & Odor	White waxy flakes; slight odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	132°C (270°F) COC	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Water spray; dry chemical; carbon dioxide.				

SPECIAL FIREFIGHTING PROCEDURES	Wear self-contained breathing apparatus and full protective clothing.
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UNUSUAL FIRE AND EXPLOSION HAZARDS	Powdered material may form explosive dust-air mixtures. Fire or excessive heat may produce hazardous decomposition products. Autoignition Temperature: (ASTM D 2155) 421°C (790°F)
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D.O.T.	NON-REGULATED.
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Approved by U.S. Department of Labor "essentially similar" to form OSHA-20

SECTION V HEALTH HAZARD DATA

EKM00350

Threshold Limited Value	ACGIH (TLV): 5 mg/m ³ TWA. OSHA PEL: 5 mg/m ³ TWA. Toxicity data: Orl-rat LD50 1600 mg/kg; dermal rabbit LD50 >1000 mg/kg.
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Effects of Overexposure	Low hazard for usual industrial handling. Causes irritation to eyes. Causes irritation and possible skin depigmentation. Animal data suggest a potential for allergic skin reaction.
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Emergency and First Aid Procedures	EYES: Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. SKIN: Flush thoroughly with water, then wash with mild soap and water. INHALATION: Remove to fresh air. INGESTION: If swallowed, if conscious, give water to drink and get medical attention. Never give anything by mouth to an unconscious person.
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SECTION VI REACTIVITY DATA

Stability	Unstable	Conditions to Avoid	Excessive temperature and heat.
	Stable	X	
Incompatibility (Materials to Avoid)	Strong oxidizing agents.		
Hazardous Decomposition Products	Carbon dioxide and carbon monoxide.		
Hazardous Polymerization	Conditions to Avoid	Not applicable.	
	May Occur	Will Not Occur	
		X	

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Wear protective safety equipment and use adequate ventilation. Avoid making dust. Sweep up and place in a suitable container for proper disposal. Wash spill area with water. Prevent runoff from entering drains, sewers or streams.
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Waste Disposal Method	Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only. Dispose of in an approved incinerator equipped with an afterburner and scrubber or contract with a licensed waste disposal system.
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SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	If dusty conditions prevail, wear a NIOSH/MSHA approved dust mask or respirator.			
Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.
Protective Gloves	Rubber.		Eye Protection	Chemical safety glasses.
Other Protective Equipment	Lab coat, apron, eye wash station, proper gloves, ventilation.			

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Keep from contact with oxidizing materials. Store in a cool, dry place. Wash thoroughly after handling.
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Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals.
	Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision	No. 2	Date	05/28/96	Approved	Michael Raszeja	Chemical Safety Coordinator	MR
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