

Material Safety Data Sheet (MSDS)

Section 1: Chemical Product and Company Identification	
Product Name	4-Methyl-2-Pentanol
CAS Number	108-11-2
Chemical Formula	C ₆ H ₁₄ O
Company Name	CAMACHEM (Part of CAMAL Group) 3F Jinlong East Beijing Station Road Chaoyang District, Beijing, China
Contact	sales@camachem.com
Company Website	www.camachem.com
Section 2: Composition and Information on Ingredients	
Name	4-Methyl-2-Pentanol
CAS #	108-11-2
% by Weight	>99
Section 3: Hazards Identification	
Potential Acute 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.
Potential Chronic Health Effects:	None.
Section 4: First Aid Measures	
Eye Contact:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
Skin Contact:	Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Remove contaminated clothing and shoes.

Inhalation:	Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Ingestion:	If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid immediately. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.
Notes to Physician:	Treat symptomatically and supportively.
Section 5: Fire and Explosion Data	
General Information:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Flammable liquid and vapor.
Extinguishing Media:	In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam. Use agent most appropriate to extinguish fire.
Flash Points:	Not available.
Autoignition Temperature:	Not available.
Explosion Limits, Lower:	Not available.
Upper:	Not available.
NFPA Rating:	(estimated) Health: ; Flammability: ; Instability:
Section 6: Accidental Release Measures	
General Information:	Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks:	Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Clean up spills immediately, observing precautions in the Protective Equipment section.
Section 7: Handling and Storage	
Precautions:	Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep away from heat, sparks and flame.
Storage:	Keep away from heat, sparks, and flame.
Section 8: Exposure Controls/Personal Protection	
Engineering Controls:	Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Use process enclosure, local

	exhaust ventilation, or other engineering controls to control airborne levels.
Personal Protection:	<p>Eyes: Wear chemical splash goggles. Wear safety glasses and chemical goggles if splashing is possible.</p> <p>Skin: Wear appropriate protective gloves and clothing to prevent skin exposure. Wear appropriate protective gloves to prevent skin exposure.</p> <p>Clothing: Wear appropriate protective clothing to minimize contact with skin.</p> <p>Respirators: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use. Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.</p>

Section 9: Physical and Chemical Properties

Physical state and appearance:	Not available.
Odor:	Not available.
Taste:	Not available.
Molecular Weight:	102.18
pH (1% soln/water):	Not available.
Boiling Point:	131°C
Melting Point:	0°C
Critical Temperature:	Not available.
Specific Gravity:	8100 g/cm ³
Vapor Pressure:	7 mbar @ 20°C
Vapor Density:	Not available.
Volatility:	Not available.
Odor Threshold:	Not available.
Water/Oil Dist. Coeff.:	Not available.
Ionicity (in Water):	Not available.
Dispersion Properties:	Not available.
Solubility:	Not available.

Section 10: Stability and Reactivity Data

Stability:	Stable under normal temperatures and pressures.
Conditions to Avoid:	Incompatible materials.
Incompatibilities with Other Materials:	Oxidizing agents, acids, acid chlorides.
Hazardous Decomposition Products:	Carbon monoxide, carbon monoxide, carbon dioxide.
Polymerization:	Has not been reported.

Section 11: Toxicological Information

LD50/LC50:	Oral, rat: LD50 = 2590 mg/kg; Skin, rabbit: LD50 = 3560 uL/kg;
Carcinogenicity:	Not listed by ACGIH, IARC, NTP, or CA Prop 65.
Epidemiology:	No information available.
Teratogenicity:	No information available.
Reproductive Effects:	No information available.
Mutagenicity:	No information available.
Neurotoxicity:	No information available.

Section 12: Ecological Information

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.

Section 14: Transport Information

	US DOT	Canada TDG
Shipping Name:	METHYL ISOBUTYL CARBINOL	No information available.
Hazard Class:	3	
UN Number:	UN2053	
Packing Group:	III	

Section 15: Other Regulatory Information

US FEDERAL	<p>TSCA CAS# 108-11-2 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</p>
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	<p>None of the chemicals in this material have a SNUR under TSCA.</p> <p>CERCLA Hazardous Substances and corresponding RQs</p> <p>None of the chemicals in this material have an RQ.</p> <p>SARA Section 302 Extremely Hazardous Substances</p> <p>None of the chemicals in this product have a TPQ.</p> <p>SARA Codes</p> <p>CAS # 108-11-2: immediate, fire.</p> <p>Section 313 No chemicals are reportable under Section 313.</p> <p>Clean Air Act:</p> <p>This material does not contain any hazardous air pollutants.</p> <p>This material does not contain any Class 1 Ozone depleters.</p> <p>This material does not contain any Class 2 Ozone depleters.</p> <p>Clean Water Act:</p> <p>None of the chemicals in this product are listed as Hazardous Substances under the CWA.</p> <p>None of the chemicals in this product are listed as Priority Pollutants under the CWA.</p> <p>None of the chemicals in this product are listed as Toxic Pollutants under the CWA.</p> <p>OSHA:</p> <p>None of the chemicals in this product are considered highly hazardous by OSHA.</p> <p>STATE</p> <p>CAS# 108-11-2 can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts.</p> <p>California Prop 65</p> <p>California No Significant Risk Level: None of the chemicals in this product are listed.</p>
European/International Regulations:	<p>European Labeling in Accordance with EC Directives</p> <p>Hazard Symbols:</p> <p>XI</p> <p>Risk Phrases:</p> <p>R 10 Flammable.</p> <p>R 37 Irritating to respiratory system.</p> <p>Safety Phrases:</p> <p>S 24/25 Avoid contact with skin and eyes.</p>



Contact: sales@camachem.com

	<p>WGK (Water Danger/Protection) CAS# 108-11-2: 1 Canada - DSL/NDSL CAS# 108-11-2 is listed on Canada's DSL List. Canada - WHMIS not available. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations. Canadian Ingredient Disclosure List CAS# 108-11-2 is listed on the Canadian Ingredient Disclosure List.</p>
Section 16: Other Information	
References:	None.
Other Special Considerations:	None.
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