

MATERIAL SAFETY DATA SHEET

LaMOTTE COMPANY
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 24 Hour Emergency Number (CHEM-TEL) 800-255-3924

1. PRODUCT IDENTIFICATION

Formaldehyde Solution

Code Nr. **5128**

2. HAZARDOUS INGREDIENTS

NAME	CAS #	TSCA #	%	PEL	TLV
^ Formaldehyde	50-00-0		37	1 ppm	CL 1 ppm
^ Methanol	67-56-1		10-15	260 mg/cubic m	200 ppm

3. NON-HAZARDOUS INGREDIENTS EXCEPT WATER (7732-18-5)

NAME	CAS #	%
Water to 100%		

4. PHYSICAL DATA

<i>Appearance:</i> Clear Colorless Liquid			
<i>Solubility in Water:</i> Soluble	<i>Odor:</i> Strong, pungent	<i>Boiling Point:</i> 96 deg C	<i>Melt. Point:</i> N/A
<i>Vapor Pressure:</i> Unknown	<i>Vapor Density:</i> 1.03, Air=1	<i>pH:</i> N/A	

5. FIRE AND EXPLOSION DATA

<i>Flash Point (method used)</i> 56 deg C	<i>Flammable Limit: LEL:</i> 7%	<i>UEL:</i> 73%
<i>Extinguishing Media:</i> Dry chemical, CO2, water spray, or alcohol-resistant foam		
<i>HMIS Hazard: Health - 3 Flammability - 2 Reactivity - 2</i> <i>Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least</i>		
<i>Special Fire Fighting Procedures:</i> Firefighters wear SCBA.		
<i>Unusual Fire & Explosion Hazard:</i> Vapor may travel to source of ignition and flash back.		

6. REACTIVITY DATA

<i>Stability:</i> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	<i>Conditions to avoid:</i> Heat, sources of ignition <i>Incompatibility (Materials to avoid):</i> Strong oxidizing agents, acids, and bases <i>Hazardous Decomposition Products:</i> N/A
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7. HEALTH HAZARD DATA

<i>Toxicity:</i> orl rat LD50: 100 mg/kg; ihl hmn TC Lo: 17 mg/cubic m/30 min			
<i>Primary Route of Entry:</i>	<input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion	<input checked="" type="checkbox"/> Skin <input type="checkbox"/> N/A	<i>Carcinogenicity:</i> <input type="checkbox"/> None <input checked="" type="checkbox"/> OSHA <input checked="" type="checkbox"/> NTP <input checked="" type="checkbox"/> IARC
<i>Other Health Related Comments:</i> IARC- 29,345.82 Confirmed carcinogen. Suspected to cause tumors, fetal damage; mutagen; respiratory allergen.			
<i>Target Organs:</i> Eyes, Kidney, Liver, Lungs, Respiratory System			
<i>Signs and symptoms of exposure:</i> Possible allergic reaction. Causes severe burns to eyes, nose, mouth.			
<i>Medical Condition Aggravated by Exposure:</i> Skin, eye, liver, kidney, lung problems.			

8. EMERGENCY FIRST AID PROCEDURES

<i>Eye Contact:</i> Immediately flush with water for 15 minutes. Consult physician.
<i>Ingestion:</i> Induce vomiting. Drink plenty of water. Call a doctor immediately.
<i>Inhalation:</i> Remove to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen
<i>Skin Contact:</i> Immediately flush with water for 15 minutes while removing affected clothing. Wash skin with soap and water. Consult physician.

9. SPILL AND DISPOSAL PROCEDURES

<i>Spill and Leak:</i> Ventilate area. Do not breathe vapors. Eliminate sources of ignition. Treat w/ Spill-X-FP formaldehyde polymerizer, or cover with sand or organic absorbent. Containerize & hold for disposal as hazardous waste or treat spill as follows:
<i>Disposal:</i> Cover formaldehyde spill w/ sodium bisulfite. Add water, scoop into a large beaker; after 1 hr. flush liquid down drain w/ excess water. Dispose of formaldehyde as hazardous waste, according to federal, state and local regulations.

10. PRECAUTIONARY MEASURES

<i>In Handling:</i> <input checked="" type="checkbox"/> Gloves <input checked="" type="checkbox"/> Eye Protection <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Other: Lab Coat
<i>Ventilation:</i> <input type="checkbox"/> Normal <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Respiratory Protection
<i>Work/Hygienic Practices:</i> Use in fume hood or w/ adequate ventilation. Avoid contact w/ eyes, skin, clothing. Wash after use.

11. SPECIAL PRECAUTIONS

Sensitizer. May cause severe respiratory allergy. Avoid contact w/ vapor or liquid!
DATE: 5/3/2000 The above information is believed to be correct but does not claim to be all inclusive and should be used only as a guide.
^ This is a toxic chemical subject to reporting requirements of section 313 of FPCRA and 40CFR372