

MATERIAL SAFETY DATA SHEET

IDENTITY: <i>(as used on label and list)</i> THYMO-CIDE (EPA Registration # 34810-18)		MSDS CODE NUMBER: 2118-01									
SECTION I: <i>(Manufacturer, Address, Telephone, Date Prepared)</i>		Date: 4/19/2010									
WEXFORD LABS, INC. 325 Leffingwell Avenue Kirkwood, Missouri 63122 (800) 506-1146		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">HMIS RATINGS</th> </tr> <tr> <td>Health</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Fire</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Physical Hazard</td> <td style="text-align: center;">0</td> </tr> </table>		HMIS RATINGS		Health	3	Fire	0	Physical Hazard	0
HMIS RATINGS											
Health	3										
Fire	0										
Physical Hazard	0										
Protective Clothing											
CHEMTREC 24-Hour Emergency Number: (800) 424-9300 CHEMTREC 24-Hour International Number: (703) 527-3887 This number may be used for emergency ONLY.											
SECTION II: <i>(Hazardous Ingredients Identity Information)</i>											
Hazardous Compounds	OSHA PEL	ACGIH TLV	Other Limits Recommended								
5-Methyl-2-Isopropyl-1-phenol (Thymol) Cas # 89-83-8	None Est.	None Est.	NONE								
			13.00								
SECTION III: <i>(Physical/Chemical Characteristics)</i>											
Boiling Point	Over 212° F	Specific Gravity (H ₂ O = 1)	1.039-1.061								
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A								
Vapor Density (Air = 1)	N/A	Evaporation Rate (Butyl Acetate =1)	N/A								
Solubility in Water	100%	pH of Concentrate	2.2 ± 0.2								
		pH of 1:256 in tap water	3.0 ± 0.4								
Appearance and Odor: Clear amber liquid with pleasant odor											
SECTION IV: <i>(Fire and Explosion Hazard Data)</i>											
Flash Point: (Pensky-Martens Closed Cup)	NONE to boiling		Flammable Limits: N/A								
Extinguishing Media:	Suitable to origin of fire		LEL: N/A								
Special Fire Fighting Procedures:	NONE		UEL: N/A								
Unusual Fire and Explosion Hazards:	NONE										
SECTION V: <i>(Reactivity Data)</i>											
Stability:	Stable										
Incompatibility (<i>materials to avoid</i>):	Strong Alkalis, Cationics, Nonionics.										
Hazardous Decomposition or Byproducts:	NONE										
Hazardous Polymerization:	Will not occur										
SECTION VI: <i>(Health Hazard Data)</i>											
Route(s) of Entry:	Inhalation? N/A	Skin? N/A	Ingestion? Yes								
Health Hazards (<i>acute and chronic</i>):											
Not a primary skin irritant as this term is defined by the Federal Hazardous Substances Act.											
Not orally toxic as this term is defined by the Federal Hazardous Substance Act.											
Causes eye damage.											
May be harmful if swallowed.											
Carcinogenicity: N/A	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A								
Signs and Symptoms of Exposure:											
Corrosive to eyes, irritating to skin and mildly irritating to respiratory tract.											
Medical Conditions Generally Aggravated by Exposure: None established											
Emergency and First Aid Procedures:											
In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reusing. If swallowed: drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician.											

KEEP OUT OF REACH OF CHILDREN

THYMO-CIDE MSDS

SECTION VII: (Precautions for safe handling and use)	
<u>Steps to be taken in case material is released or spilled:</u> Pick up material spilled with wet vacuum pick-up, squeegee and pan or, or mop. Flush area with water. Allow to dry.	
<u>Waste Disposal Method:</u> Through conventional sewage system. Observe local regulations.	
<u>Precautions to be taken in handling and storing:</u> Store at room temperature. Do not leave containers open during storage. Wear goggles or face shields and plastic/rubber or other protective gloves when handling concentrate.	
<u>Other Precautions:</u> NONE	
SECTION VIII: (Control Measures)	
<u>Respiratory Protection:</u> NONE	
<u>Ventilation:</u>	
Local Exhaust	N/A
Mechanical (General)	N/A
Special	NONE
Other	NONE
<u>Protective Gloves:</u> Recommended	
<u>Eye Protection:</u> Recommended	
<u>Other Protective Clothing or Equipment:</u> None Needed	
<u>Work/Hygienic Practices:</u> Keep out of reach of children. Do not get on skin or clothing. Protect eyes and skin when handling.	
SECTION IX: TRANSPORTATION	
DOT (Department of Transportation) Proper Shipping Name: Not regulated by this mode of transportation	
IMDG (International Maritime Dangerous Goods) Proper Shipping Name: Not regulated by this mode of transportation	
IATA (International Air Transportation Association) Proper Shipping Name: Not regulated by this mode of transportation	

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