



# MATERIAL SAFETY DATA SHEET

<b>IDENTITY:</b> <i>(as used on label and list)</i> <b>EMULSIFIER-404</b>		<b>MSDS CODE NUMBER:</b> <b>5694-00</b>	
<b>SECTION I:</b> <i>(Manufacturer, Address, Telephone, Date Prepared)</i>		Date: 5/4/2009	
WEXFORD LABS, INC. 325 Leffingwell Avenue Kirkwood, Missouri 63122 (800) 506-1146		<b>HMIS RATINGS</b> Health 3 Fire 1 Physical Hazard 0 0 = Minimal Hazard 1 = Slight Hazard 2 = Moderate Hazard 3 = Serious Hazard 4 = Severe Hazard	
Protective Clothing	 Safety Glasses	 Gloves	CHEMTREC 24-Hour Emergency Number: (800) 424-9300 CHEMTREC 24-Hour <b>International</b> Number: (703) 527-3887 This number may be used for emergency <b>ONLY</b> .
<b>SECTION II:</b> <i>(Hazardous Ingredients Identity Information)</i>			
Hazardous Compounds	OSHA PEL	ACGIH TLV	Other Limits Recommended
Propylene Glycol Monomethyl Ether CAS #: 107-98-2	N/A		360 mg/m3 TWA 540 mg/m3 STEL
%			
10.00			
<b>SECTION III:</b> <i>(Physical/Chemical Characteristics)</i>			
Boiling Point	Over 212° F		Specific Gravity (H2O = 1) 1.05771 - 1.0784
			Melting Point N/A
Vapor Pressure (mm Hg.)	N/A		Evaporation Rate (Butyl Acetate =1) N/A
Vapor Density (Air = 1)	N/A		pH of concentrate: 12.4 - 12.8
Solubility in Water	100%		pH of 1:128 in tap water 10.2 - 10.6
Appearance and Odor	Clear liquid, yellowish cast, characteristic odor		
<b>SECTION IV:</b> <i>(Fire and Explosion Hazard Data)</i>			
Flash Point: (Pensky-Martens Closed Cup)	147° F	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		
<b>SECTION V:</b> <i>(Reactivity Data)</i>			
Stability:	Stable		
Incompatibility ( <i>materials to avoid</i> ):	Acids, Ionics, Nonionics		
Hazardous Decomposition or Byproducts:	NONE		
Hazardous Polymerization:	Will not occur		
<b>SECTION VI:</b> <i>(Health Hazard Data)</i>			
Route(s) of Entry:	<i>Inhalation?</i> N/A	<i>Skin?</i> N/A	<i>Ingestion?</i> N/A
Health Hazards ( <i>acute and chronic</i> ):	not established		
Carcinogenicity: N/A	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
Signs and Symptoms of Exposure:	Eye irritation and skin erythema might develop upon direct contact with the product.		
Medical Conditions Generally Aggravated by Exposure:	None established		
Emergency and First Aid Procedures:	In case of eye contact, immediately flush eyes with water. If irritation persists, call a physician. If swallowed: drink milk, egg whites, gelatin solution. If these are not available drink large quantities of water. Call a physician.		

**KEEP OUT OF REACH OF CHILDREN**

**EMULSIFIER-404 MSDS**

<b>SECTION VII: (Precautions for safe handling and use)</b>	
<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> NONE	
<u>Other Precautions:</u> NONE	
<b>SECTION VIII: (Control Measures)</b>	
<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>	Wash hands after handling chemicals.
<b>SECTION IX: TRANSPORTATION</b>	
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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