K11130

Material Safety Data Sheet (F2)

IDENTITY (As Used on Label and List) - FORMALIN FIXED FETAL PIGS	Distributor SARGENT-WELCH										
Section I			·								
Manufacturer's Name				cy Telephone Num							
RANACO CORPORATION Address (Number, Street, City, State, and ZIP Code)			24HR Assistance CHEMTREC: 1-800-424-9300 Telephone Number for Information								
4345 E. Irvington Road			1-800-528-7023 (Arizona Time 8am-5pm)								
Tucson, AZ 85714			Date Prepared								
			April 25, 2002 Signature of Preparer (Optional)								
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Section II - Hazardous Ingredients/Identif	ly Information										
Hazardous Components (Specific Chemical Identity; Common Name(s))			CAS #	OSHA PEL	ACGII	1 TLV	Other Limits Recommended STEL 2 PPM	% Optional			
Formalin, 37% Formaldehyde		50-00-0		.075 PPM	0.3 F	PPM	Action Level 0.5 PPM	≤0.6			
Methanol 12%		67-56-1		200 PPM	200 1	PPM	STEL 250PPM (Skin)				
Propylene Glycol		57-55-6		Not Established	No Establ		Not Established	≤2.0			
Phenol	Phenol		18-95-2	5 PPM (Skin)			IDLH 250 PPM	≤ 0.03			
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Section III - Physical/Chemical Character	ristics			L				<u>. </u>			
Bolling Point	T		Specific Gravity (H₂O = 1)			Unknown					
	N/A				Unknown		Officiowii				
Vapor Pressure (mm Hg.)	Unknown		Melting Point			N/A					
Vapor Density (AIR = 1)	Unknown			Evaporation Rate Butyl Acetate = 1			Unknown				
Solubility in Water Complete											
Appearance and Odor Fetal pig specimen with mild chemical odd											
Section IV – Fire and Explosion Hazard Da			· ·				1				
Flash Point (Method Used) Unknown	Flammable Limits LEI Un						known Unknown				
Extinguishing Media Use dry chemical, CO ₂ or alcohol foam.											
Special Fire Fighting Procedures Wear fire fighting protective equipment and	a self-contained b	reath	ing appa	ratus. Use bes	st metho	d for s	urrounding fire	conditions.			
Unusual Fire and Explosive Hazards N/A	· · · ·										

Section V - Reactivi	ty Data		 ·							
Stability Unstable Conditions to Avoid										
	Stable	X	Strong oxidizir	ng agent; excess	ive hea	ting				
Incompatibility (Materials	to Avoid)	مامم								
Strong oxidizing, alka Hazardous Decomposition	n or Byproducts	nois, L	irea, oxides, iso	cyanates, caustic	cs, ann	yariaes_				
Formaldehyde gas, o		and car	rbon dioxide							
Hazardous Polymerizatio			Conditions to Avoid							
	Will Not Occur	Х	Non-hazardous polymerization may occur at low temperatures causing the formation of paraformaldehyde, a white solid.							
Section VI - Health H	lazard Data									
Route(s) of Entry: Inhalation? Skin?			\$kin?	Ingestion?						
	Yes		Yes			Yes				
Health Hazards (Acute an	d Chronic)	Eval	iguid and upner	more course imitat	ion Inc	raction. T	evie			
May cause respiratory	y imtation. Skin &	Eye: L	iquio ario vapor	may cause irritat	ion. ing	NTP?		OSHA Regulated?		
Carinogenicity: Formaldehyde is probably carcinogenic to humans on the basis of animal evidence. Listed by ACGIH as an A2 industrial substance suspect of carcinogenic potential for man. OSHA does not currently regulate formaldehyde as a carcinogen.							No Regulated?			
Signs and Symptoms of Exposure Irritation of respiratory tract, eyes and skin.										
Medical Conditions Generally Aggravated by Exposure Repeated skin exposure may cause dermatitis or other allergic reactions.										
Emergency and First Aid Procedures										
SKIN: Wash with soap and water for 15 minutes. EYES: Wash with water for 15 minutes. INHALATION: Remove to fresh air.										
INGESTION: Seek med				any of the above	sympto	oms persi	st.			
Section VII – Precautions for Safe Handling and Use Steps to Be Taken in Case Material is Released or Spilled										
Ventilate area of spill. clothing. Absorb mate governmental regulat	Eliminate all sou erial with suitable	irces o absorb	f ignition. Remo ent and place in	appropriate con						
Waste Disposal Method Dispose of contamina appropriate federal, si								naterial. Consult		
Precautions to Be Taken I Store at room tempera after handling.	n Handling and Stora ature in a dry, well	ge -ventila	ated place. Keep	o specimen cont	ainer tig	htly close	ed when no in use.	Wash thoroughly		
Other Precautions										
Do not get in eyes, on skin, or on clothing. Do no ingest. Even those containers that have been emptied will retain product residue and										
vapors. Obey hazard warnings and handle empty containers as if full. Do not cut, grind, weld or drill on or near this container.										
Section VIII - Control			•				····			
Respiratory Protection (Sp Normal classroom use	ecity Type) with adequate ve	ntilatio	on does not requ	ire the use of sna	ecial re	eniratory	protection If use co	nditione generate		
formaldehyde fumes a						spiratory	protection. It use co	nullions generale		
	al Exhaust	ogu.uu	one, 450 o. 4 100		Special		·			
				ľ						
	hanical		•		Other	· · · · · · · · · · · · · · · · · · ·				
	chanical room ver		1. Eye Protection	Ob amical man	_1	£l				
	ves are recomme	nded.	Eye Protection		- gnized f	hat conta	I-face piece respirato ct lenses may contr			
Other Protective Clothing of Long sleeved shirt, tro	or Equipment users, and safety	shoes	•							
Work/Hygienic Practices Eye wash station and	safety showers sh	ould b		e immediate vicir	nity of a	ny potent	ial exposure.			

FOR ADDITIONAL INFORMATION Contact Ranaco's Safety Manager during business hours at (520) 790-7737

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