Material Safety Data Sheet (FAA)

IDENTITY (As Used on Label and List) FAA FIXED EARTHWORMS AND BOTANIC			stribute ARGI	ENT-WELCH	***				
Section I				And the second s					
Manufacturer's Name		Emergency Telephone Number							
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)						
		Si	gnatu	re of Preparer (Opti	ional)				
Section II - Hazardous Ingredients/Identif	y Information								
Hazardous Components (Specific Chemical Identity	/; Common Name(s))	e(s)) CAS		OSHA PEL	ACGIH TLV	Other Limits Recommended STEL 2 PPM	% Optional		
Formalin, 37% Formaldehyde			0-0	.075 PPM	0.3 PPM	Action Level 0.5 PPM	≤ 0.1		
Methanol 12%			3-1	200 PPM 200 PPM		STEL 250PPM (Skin)			
Isopropyl Alcohol		67-63	3-0	400 PPM	400 PPM	None Recommended	≤0,5		
Glacial Acetic Acid		64-17	7-7	10 PPM		IDLH 50 PPM			
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Section III - Physical/Chemical Character	istics	1		1		1			
Bolling Point >82 °C Specific Gravity (H ₂ O = 1) Unknown							· .		
Vapor Pressure (mm Hg.)	>1.0	<u> </u>	Melt	ing Point	N/A				
Vapor Density (AIR = 1)	Unknown			oration Rate	Unknown				
Solubility in Water Complete	L		Buty	Acetate = 1		1			
Appearance and Odor									
Specimens with mild chemical odor.									
Section IV - Fire and Explosion Hazard Da									
Flash Point (Method Used)	Flamma	ble Limits		LEL	7.0	UEL Ensmaldabyda	73		
Formaldehyde: 185 °C Isopropyl Alcohol: 11.7 °C				Formaldehyde 7.0 Isopropyl Alcohol 2.0		Formaldehyde 7.3 Isopropyl Alcohol 12.0			
Extinguishing Media		-				1			
Use dry chemical, CO ₂ or alcohol foam. Special Fire Fighting Procedures	•						•		
Wear fire fighting protective equipment and	a self-contained b	reathing	appa	aratus. Use bes	t method for s	surrounding fire	conditions.		
Unusual Fire and Explosive Hazards N/A				RWO	RIV				
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Section V - Reac	tivity Data	1									
Stability Unstable Conditions to Avoid											
	Stal	ble	X	Strong oxidizing	agent; exces	sive heat	ting, open	flames			
Incompatibility (Mate	rials to Avo	id)									
Strong oxidizing, alkalis and acids, phenols, urea, oxides, isocyanates, caustics, anhydrides, aluminum equipment above 120° F											
Hazardous Decomposition or Byproducts Formaldehyde gas, carbon monoxide and carbon dioxide and unidentified organics											
Hazardous Polymeriz		/ Occur		Conditions to Avoid		9					
		Not Occur									
	!		<u> </u>								
Section VI - Heal											
Route(s) of Entry:		inhalation?			Skin?						
Health Hazards (Acut		Yes Yes Yes									
May cause respire	atory irritat	tion and cen	tral ne	rvous system dep	ression. Skin	& Eye: L	iquid and	vapor may cause in	ritation. Ingestion:		
May cause respiratory irritation and central nervous system depression. Skin & Eye: Liquid and vapor may cause irritation. Ingestion: Toxic, CNS depression											
Carinogenicity:	-1						NTP?	IARC Monographs?	OSHA Regulated?		
				mans on the basis					No		
				e suspect of carci		itial for					
Signs and Symptoms			s torrii	aldehyde as a card	anogen.		<u> </u>	<u> </u>	<u> </u>		
Eve. skin. respirat	tory and d	astrointestin	al trac	ts irritation, heada	che, dizzines:	s, nause	a, loss of a	ippetite, jaundice ai	nd sometimes pain		
in the upper abdo				•	•				·		
Medical Conditions G	enerally Ag	gravated by E	xposure								
Repeated skin ex	posure ma	ay cause de	rmatit	is or other allergic	reactions.	ersons v	vitn pre-ex	disting disorders, ey	e problems or		
Emergency and First			y de r	nore susceptible to	the enects o	r uns pre	Juuct.		 		
SKIN: Wash with	soap and	water for 15	minut	es, EYES: Wash w	ith water for 1	5 minute	es. INHAL	ATION: Remove to	fresh air.		
INGESTION: Seek	medical a	attention. Se	ek me	dical attention if a	ny of the abov	e sympt	oms persis	st.			
Section VII - Pres											
Steps to Be Taken in	Case Materi	ial is Released	or Spil	ed							
Ventilate area of	spill. Elim	inate ali sol	irces d	it ignition. Remov	e non-essenti	ai perso	nnel. vves	ar proper protective al. Comply with all	equipment and		
				pent and place in a randling and dispo			ioi disposi	al. Comply with all a	applicable		
Waste Disposal Meth		Mi apili lebo	i ung, i	landing and dispo	odi or waste.						
Dispose of contain	minated p	roduct and	materi	als used in cleani	ng up spills o	leaks ir	n a mannei	r approved for this	naterial. Consult		
appropriate feder	al, state a	nd local reg	ulator	y agencies to asce							
Precautions to Be Ta	ken in Hand	iling and Store	ige			.4	محمام باللطامة	ad colore and leaves	Mach thoroughly		
	iperature i	ın a dry, wei	ı-venti	ated place. Keep	specimen coi	ntainerti	igntly close	ed when no in use.	vvasn morougnly		
after handling. Other Precautions											
	s, on skin, e	or on clothir	ıg. Do	no ingest. Even th	ose containe	rs that ha	ave been e	emptied will retain p	roduct residue and		
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 Measures											
Respiratory Protection											
Normal classroon	n use with	adequate v	entila	ion does not requ	ire the use of	special I	respiratory	protection. If use of	onditions generate		
Ventilation	tes above		eguia	tions, use of a resp	orrator is requ	ireo. I Special					
Voltation		ntilation to maintain exposure below TLV(s)			e)	Opcolar					
	Mechanica					Other			· · · · · · · · · · · · · · · · · · ·		
	Below TI	elow TLV(s)									
Protective Gloves	Gloves a	re recomme	ended.	Eye Protection				I-face piece respirat ict lenses may cont	or is also worn. It is		
					severity of an						
Other Protective Clothing or Equipment											
Long sleeved shirt, trousers, and safety shoes. Work/Hyglenic Practices											
Five wash station and safety showers should be available in the immediate vicinity of any potential exposure											
Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure.											

FOR ADDITIONAL INFORMATION

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

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