Material Safety Data Sheet (FAA)

IDENTITY (As Used on Label and List) FAA FIXED EARTHWORMS AND BOTANIC	Distributor SARGENT-WELCH										
Section I			•	-							
Manufacturer's Name RANACO CORPORATION				Emergency Telephone Number 24HR Assistance CHEMTREC: 1-800-424-9300							
Address (Number, Street, City, State, and ZIP Code)				Telephone Number for Information 1-800-528-7023 (Arizona Time 8am-5pm)							
4345 E. Irvington Road Tucson, AZ 85714			Date Prepared								
1403011,72 00714				April 25, 2002 Signature of Preparer (Optional)							
			Sig	gnatur	e of Preparer (Opti	опа:)					
Section II – Hazardous Ingredients/Identif					1		Other Limits	· · · · · · · · · · · · · · · · · · ·			
Hazardous Components (Specific Chemical Identity; Common Name(s))			e(s)) CAS #		OSHA PEL	ACGIH TLV	Recommended STEL 2 PPM	% Optional			
Formalin, 37% Formaldehyde			50-00-		.075 PPM	0.3 PPM	Action Level 0.5 PPM	≤ 0.1			
Methanol 12%			67-56-1		200 PPM 200 PPM		STEL 250PPM (Skin) None				
isopropyi Alcohoi			67-63-0		400 PPM	400 PPM	Recommended IDLH	≤0.5			
Glacial Acetic Acid			64-17	-7	10 PPM		50 PPM				
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Section III - Physical/Chemical Character	ristics										
Boiling Point	>82 °C			Spec	ific Gravity (H₂O =	1)	Unknown				
Vapor Pressure (mm Hg.)	>1.0	>1.0			ng Point		N/A				
Vapor Density (AIR = 1)	Unknown			Evaporation Rate Butyl Acetate = 1			Unknown				
Solubility in Water Complete						· · · · · · · · · · · · · · · · · · ·					
Appearance and Odor Specimens with mild chemical odor.											
Section IV - Fire and Explosion Hazard Da											
Flash Point (Method Used)	. []	Flammable	le Limits		LEL Formaldehyde 7.0		UEL Formaldehyde 7.3				
Formaldehyde: 185 °C Isopropyl Ałcohol: 11.7 °C	· ·				Isopropyl Alcohol 2.0		Isopropyl Alcohol 12.0				
Extinguishing Media Use dry chemical, CO ₂ or alcohol foam.											
Special Fire Fighting Procedures Wear fire fighting protective equipment and	d a self-conta	ained bre	athino	appa	ratus. Use bes	t method for s	urrounding fire	conditions.			
Unusual Fire and Explosive Hazards N/A					, ,,,,,,,,	The second second	WWW/WW				

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Section V - Reactiv	vity Data		<u> </u>	<u>-</u>		12				
			Candidana to Avaid							
Stability	Unstable Conditions to Avoid Stable X Strong oxidizing agent; excessive heating, open flames									
Incompatibility (Materia	Stable Stable		Strong oxidizing ag	ent; excessive ne	ating, open	names				
Strong ovidizing all	kalie and acide, nhe	enois i	ırea, oxides, isocyan	ates, caustics, an	hvdrides, a	aluminum equipmen	t above 120° F			
Hazardous Decomposit	ion or Byproducts									
Formaldehyde gas,	carbon monoxide	and car	bon dioxide and unio	lentified organics						
Hazardous Polymerizati	ion May Occur		Conditions to Avoid							
	Will Not Occur	X								
- 4 M 11 M	11									
Section VI - Health										
Route(s) of Entry:	210(0) 0. 21111).			Skin?		Ingestion?	· ·			
	Yes			Yes		Yes				
Health Hazards (Acute a	and chronic) ory irritation and cel	ntral ne	rvous system depres	sion. Skin & Eve:	Liquid and	l vapor may cause in	ritation. Ingestion:			
Toxic, CNS depress						•	Ū			
Carlacgenicity:		***			NTP?	IARC Monographs?	OSHA Regulated?			
Formaldehyde is pr	obably carcinogeni	c to hu	mans on the basis of	animal evidence.			No			
Listed by ACGIH as	an A2 industrial su	ıbstand	e suspect of carcino	genic potential for	`					
		e form	aldehyde as a carcin	ogen.			<u> </u>			
Signs and Symptoms of	f Exposure	nal frac	ts irritation, headach	alizzinese nalis	ea loss of	annetite iaundice a	nd sometimes pain			
in the upper abdom	on on the right side	iai uau	to mitation, neadach	5, 4 (22)(1035, 11345		appoints, juditares ar	ia comounico pain			
Madiani Conditions Con	erally Aggreyated by F	YDOSHIC		*******			· · · · · · · · · · · · · · · · · · ·			
Medical Conditions Generally Aggravated by Exposure Repeated skin exposure may cause dermatitis or other allergic reactions. Persons with pre-existing disorders, eye problems or										
impaired liver or res	piratory function m	ay be r	nore susceptib <u>le to th</u>	ne effects of this p	roduct.					
Emergency and First Al	d Procedures		oo EVEC:Wook with	water for 15 minu	tos INLIAI	ATION: Demove to	frach air			
SKIN: Wash with so	ap and water for 1:	o minut	es. EYES: Wash with dical attention if any	water for 15 minu	itos. I nna i	iet	iicaii aii.			
				or the above symp	Monna pera	151.	 			
Section VII - Preca	utions for Safe Hai	naling	and Use							
Ventilate area of so	ill. Fliminate all so	urces o	if ianition. Remove n	on-essential pers	onnel. We	ar proper protective	equipment and			
Ventilate area of spill. Eliminate all sources of ignition. Remove non-essential personnel. Wear proper protective equipment and clothing. Absorb material with suitable absorbent and place in appropriate container for disposal. Comply with all applicable										
governmental requi	lations on spill repo	orting, I	nandling and dispose	of waste.						
Waste Disposal Method							4 1 0 0 1			
			als used in cleaning				material. Consult			
appropriate federal	, state and local rec	gulator	agencies to ascerta	in proper disposa	i procedur	es.				
Precautions to Be Take	in in Handling and Stol erefure in a dry we	age II-ventil	ated place. Keep sp	ecimen container	tightly clos	ed when no in use.	Wash thoroughly			
after handling.	ciatore in a dry, we	11- 1 -1-1-1-1	atou piaco. Troop op	Common contamo	agaray oloc					
Other Precautions			· · · · · · · · · · · · · · · · · · ·				··········			
Do not get in eyes, o	on skin, or on clothi	ng. Do	no ingest. Even thos	e containers that I	have been	emptied will retain p	roduct residue and			
		ndie en	npty containers as if	full. Do not cut, gr	ind, weld c	or drill on or near this	container.			
Section VIII - Conti	• • • • • • • • • • • • • • • • • • • •									
Respiratory Protection	(Specify Type)	414		46			anditions generate			
Normal classroom	use with adequate	ventilai	tion does not require	tne use of special	respirator	y protection. If use c	ondinons âcherare			
	ocal Exhaust	regula	tions, use of a respira	Specia	i					
	ventilation to maint	ain eyn	5,500	-						
	Vechanical		000.0 00.011 121(0)	Other						
	Below TLV(s)									
Protective Gloves (Gloves are recomm	ended.	Eye Protection C	hemical goggles i	unless a fu	II-face piece respirat	or is also worn. It is			
						act lenses may cont	ribute to the			
			Se	everity of an eye in	игу.					
Other Protective Clothic Long sleeved shirt,	ng or Equipment	hi ehaa	e ·							
Work/Hygienic Practice		y ande	o.		<u></u>					
Eye wash station ar	- nd safety showers s	should	be available in the im	mediate vicinity o	f any poter	ntial exposure.				
			OR ADDITIONA							

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

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