K11730

Material Safety Data Sheet (IP)

IDENTITY (As Used on Label and List)			Diştrib	utor		<u></u>			
Insect Preservative (Grasshopper and Ta	ırantula Spe	cimens)		GENT-WELCH					
Section	ndra, a valor ingger inggr		ne T				-		
Manufacturer's Name		Emergency Telephone Number							
RANACO CORPORATION			24HR Assistance CHEMTREC: 1-800-424-9300						
Address (Number, Street, City, State, and ZIP Code)			Telephone Number for Information						
4345 E. Irvington Road			1-520-790-7737 (Arizona Time 8am-5pm) Date Prepared April 25, 2002						
Tucson, AZ 85714		•							
				ture of Preparer (Opt	ional)				
Section II - Hazardous Ingredients/Identit	y Informatio	n			<u> </u>				
Hazardous Components (Specific Chemical Identity	/; Common Nar	me(s))	CAS#	OSHA PEL	ACGIH TL\	Recommended	% Optional		
Isopropanol (Isopropyl alcohol)			7-63-0	400PPM	400PPM	. None Recommended	≤1		
Ethyl Acetate			1-78-6	400PPM	400PPM		0		
Benzyl Alcohol		10	0-51-6	Not Established	Not Established				
Propylene Glycol		5	7-55-6	Not Established	Not Established	Not Established			
					•				
	· · · · · ·								
			,				<u> </u>		
							<u></u>		
•									
				·					
Section III - Physical/Chemical Character	ristics								
Boiling Point	>78 °C		Specific Gravity (H₂O = 1)			Unknown			
Vapor Pressure (mm Hg.)	Unknown		Melting Point			N/A	N/A		
Vapor Density (AIR = 1) (MM Hg)			Ev	aporation Rate		Unknown			
	Unknown		Butyl Acetate = 1			Ulkilowii	Ulkilowii		
Solubility in Water Complete									
Appearance and Odor Specimen with mild chemical odor.									
Section IV – Fire and Explosion Hazard Da	ata	-			_				
Flash Point (Method Used) Flammat			nits	LEL		UEL			
Isopropanol: 11.7 °C				Isopropanol 2.0		Isopropanol 12.0			
Ethyl Acetate: 4.0 °C Extinguishing Media			Ethyl Acetate 2.02 Ethyl Acetate 10.7						
Use water fog, carbon dioxide, "Alcohol" for	am, or dry ch	nemical. Co	ool fire e	exposed containe	rs with wate	r spray.			
Special Fire Fighting Procedures Wear fire fighting protective equipment and				•					
Unusual Fire and Explosive Hazards			g up		•				
Containers may rupture due to heat of fire.	Vapors may	accumulat	e and tr	avel to ignition so	urces distar	nce from handling s	site; Flash-fire		
can result.	_								

Unstable Unstable Conditions to Avoid High heat, sparks, open filames and other sources of ignition. Sirong oxidizing agents, aluminum equipment at temperatures above 120 °F. Hardows Folymerization May order to action divide and unidentified organics. May order to accord of loxide and unidentified organics. May order to accord of loxide and unidentified organics. May order to accord of loxide and unidentified organics. May order to accord of loxide and unidentified organics. May order to accord of loxide and unidentified organics. May order to accord to according t	Section V - React	ivity Data							
Recompletibility (Naterials to Avoid)	Stability	Unstable		Conditions to Avoid					
Interpatibility (Materials to Avoid) Strong oxidizing agents, alluminum equipment at temperatures above 120 °F. Hazardous Decomposition or Byproducts May emit carbon monoxide, carbon dioxide and unidentified organics. Hazardous Pelymerization May Decur Conditions to Avoid Not relevant. Strong oxiditions or Byproducts Will Not Occur Will Not Occur Conditions to Avoid Not relevant. Skin? Yes Y		Stable	X	High heat, sparks,	open flame	s and oth	er sources o	fignition.	
May emit carbon monoxide, carbon dioxide and unidentified organics.	Incompatibility (Materials to Avoid)								
May emit carbon monoxide, carbon dioxide and unidentified organics.	Strong oxidizing agents, aluminum equipment at temperatures above 120 °F.								
Receiption VI - Health Hazard Data Receiption VI - Health Hazard (Acute and Chronic) Inhibition V Yes Skin? Yes Ingestion VI - Health Hazard (Acute and Chronic) Receiption VI - Yes Receiption V	Mazardous Decompos	ition or Byproducts	ovide ar	nd unidentified organ	ics			•	
Section VI - Health Hazard Data Routely of Entry: Inhabitation? Yes			JAIGE 61		100.				
Section VI – Health Hazard Data Route(s) of Entry:	Mazardous i orymoniza		.					,	
Route(s) of Entry:		Will Not Occur	Х	Not relevant.					
Health Hazards (Acute and Chronic) Health Hazards (Acute and Chro	Section VI - Healt	h Hazard Data						•	
Yes Yes Yes Yes Yes ACUITE Inhalation may cause contral nervous system depression. Ingestion may cause CNS depression, low blood pressure, rapid heart beat and liver damage. In extreme cases, unconsciousness, respiratory depression and death may occur. Moderately irritates exist. CHRONIC: Unknown. Carinogenicity: NTP? No No No No No No No N	Route(s) of Entry:	Inhalation?			Skin?			Ingestion?	
ACUTE: Inhalation may cause central nervous system depression. Ingestion may cause CNS depression, low biodop instance, rapin heart beat and liver damage. In extreme cases, unconsciousness, respiratory depression and death may occur. Moderately irritates eyes. Mildly irritates skin. CHRONIC: Unknown. Area		Yes			Yes			Yes	
heart beat and liver damage. In extreme cases, unconsciousness, respiratory depression and death may occur, widedrately irritates eyes. Mildly irritates skin. CHRONIC: Unknown. Carinogenicity: NTP? No	Health Hazards (Acute	and Chronic)			,		- CNC de-e	ession law blood proces	ıra ranid
eyes. Midly irritates skin. CHRONIC: Unknown. Carlnoganicity: NTP? No	ACUTE: Inhalation	may cause central	nervous	s system depression.	Ingestion	may caus	se CNS depre	ession, iow biodu pressu h may occur. Moderateli	u irritatee
Carlinogenicity: NTP No No No No No No No N	heart beat and live	r damage. In extrer	ne case	s, unconsciousness	, respirator	y aepress	ion and dead	may occur. Moderater	/ IIIIIales
Signs and Symptoms of Exposure Signs and Symptoms of Exposure Sye, skin, respiratory and gastrointestinal tracts irritation, headache, dizziness, nausea, loss of appetite, jaundice and sometimes pain in the upper abdomen on the right side. Medical Conditions Generally Aggravated by Exposure Persons with pre-existing disorders, eye problems or impaired liver or respiratory function may be more susceptible to the effects of this product. Emergency and First Aid Procedures INGESTION: If conscious, drink no more than 2 glasses of water and induce vomitting. Keep head below hips while vomiting. INHALATION: Remove from exposure. Provide CPR/oxygen if needed. EYES: Flush with water for 15 minutes. Hold eyelids open. SINI: Flush with water. Seek medical attention if any of the above symptoms persist. Section VII - Precautions for Safe Handling and Use Staps to Bar taken in Case Material is Released or Spilled Wear protective equipment. Eliminate sources of ignition. Ventilate area. Remove spill with pump or with non-flammable absorbent. Place in suitable container for disposal. Prevent liquid from entering sewers, waterways or low areas. Waste Disposal Method Insure conformity with government disposal regulations. Use certified vendor for disposal by incineration. Precautions to Be Taken in Handling and Storage Store in tightly closed containers in flammable liquid storage room/cabinet. Avoid excessive heat. Keep away from incompatible materials. Other Precautions Do not store or handle in aluminum equipment at temperatures above 120 °F. Section VIII - Control Measures Respiratory Protection (Specify Type) If levels may or does exceed the recommended health standards, wear a respirator. For emergency use, wear breathing apparatus. Ventilation Ventilation to maintain exposure below TLV(s) Special Explosive proof Other Protective Gloves Yes Level Standard Protection Safety glasses/face shield Other Protective Clothing or Equipment Local Exhaust And Medical Revolucies.	•		nknowr	1.	1 1000			OCHA Pagulated?	
Signs and Symptoms of Exposure Eye, skin, respiratory and gastrointestinal tracts irritation, headache, dizziness, nausea, loss of appetite, jaundice and sometimes pain in the upper abdomen on the right side. Medical Conditions Generally Aggravated by Exposure Persons with pre-existing disorders, eye problems or impaired liver or respiratory function may be more susceptible to the effects of this product. Emergency and First Aid Procedures INCESTION: If conscious, drink no more than 2 glasses of water and induce vomitting. Keep head below hips while vomitting. INHALATION: Remove from exposure. Provide CPR/oxygen if needed. EYES: Flush with water for 15 minutes. Hold eyelids open. SKIN: Flush with water. Seek medical attention if any of the above symptoms persist. Section VII – Precautions for Safe Handling and Use Step to Be Taken in Case Material is Released or Spilled Wear protective equipment. Eliminate sources of ignition. Ventilate area. Remove spill with pump or with non-flammable absorbent. Place in suitable container for disposal. Prevent liquid from entering sewers, waterways or low areas. Waste Disposal Method Insure conformity with government disposal regulations. Use certified vendor for disposal by incineration. Precautions to Be Taken in Handling and Storage Store in tightly closed containers in flammable liquid storage room/cabinet. Avoid excessive heat. Keep away from incompatible materials. Other Precautions Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, sparks, static electricity, or other sources of ignition. Do not store or handle in aluminum equipment at temperatures above 120 °F. Section VIII – Control Measures Respiratory Protection (Specify Typo) If levels may or does exceed the recommended health standards, wear a respirator. For emergency use, wear breathing apparatus. Ventilation Local Exhaust Ventilation Ventilation or faujoment Local Exhaust Ventilation Protective Gloves Yes Eye Protection Safety glasses/face shie	Carinogenicity:					graphs?			
Eye, skin, respiratory and gastrointestinal tracts irritation, headache, dizziness, nausea, loss or appetite, jatrituice and sometimes pair in the upper abdomen on the right side. Medical Conditions Generally Aggravated by Exposure Persons with pre-existing disorders, eye problems or impaired liver or respiratory function may be more susceptible to the effects of this product. Emergency and First Aid Procedures INGESTION: if conscious, drink no more than 2 glasses of water and induce vomiting. Keep head below hips while vomiting. INHALATION: Remove from exposure. Provide CPR/oxygen if needed. EYES: Flush with water for 15 minutes. Hold eyelids open. SKIN: Flush with water. Seek medical attention if any of the above symptoms persist. Section VII – Precautions for Safe Handling and Use Stops to Be Taken in Case Material is Released or Spilled Wear protective equipment. Eliminate sources of ignition. Ventilate area. Remove spill with pump or with non-flammable absorbent. Place in suitable container for disposal. Prevent liquid from entering sewers, waterways or low areas. Waste Disposal Method Insure conformity with government disposal regulations. Use certified vendor for disposal by incineration. Precautions to Be Taken in Handling and Storage Store in tightly closed containers in flammable liquid storage room/cabinet. Avoid excessive heat. Keep away from incompatible materials. Other Precautions Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, sparks, static electricity, or other sources of ignition. Do not store or handle in aluminum equipment at temperatures above 120 °F. Section VIII — Control Measures Respiratory Protection (Special Type) If levels may or does exceed the recommended health standards, wear a respirator. For emergency use, wear breathing apparatus. Ventilation Ventilation to maintain exposure below TLV(s) Mechanical Protective Gloves Yes Eye Protection Safety glasses/face shield Other Protective Gloves Yes Eye Protecti	Signs and Symptoms	of Evnacuro		· · · · · · · · · · · · · · · · · · ·					
In the upper abdomen on the right side. Madical Conditions Generally Aggravated by Exposure Persons with pre-existing disorders, eye problems or impaired liver or respiratory function may be more susceptible to the effects of this product. Emergency and First Aid Procedures INGESTION: If conscious, drink no more than 2 glasses of water and induce vomiting. Keep head below hips while vomiting. INHALATION: Remove from exposure. Provide CPR/oxygen if needed. EYES: Flush with water for 15 minutes. Hold eyelids open. SKIN: Flush with water. Seek medical attention if any of the above symptoms persist. Section VII – Precautions for Safe Handling and Use Steps to Be Taken in Case Material is Released or Spilled Wear protective equipment. Eliminate sources of ignition. Ventilate area. Remove spill with pump or with non-flammable absorbent. Place in suitable container for disposal. Prevent liquid from entering sewers, waterways or low areas. Waste Disposal Method Insure conformity with government disposal regulations. Use certified vendor for disposal by incineration. Precautions to Be Taken in Handling and Storage Store in tightly closed containers in flammable liquid storage room/cabinet. Avoid excessive heat. Keep away from incompatible materials. Other Precautions Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, sparks, static electricity, or other sources of ignition. Do not store or handle in aluminum equipment at temperatures above 120 °F. Section VIII – Control Measures Respiratory Protection (Specify Type) If levels may or does exceed the recommended health standards, wear a respirator. For emergency use, wear breathing apparatus. Vertillation Vertillation to maintain exposure below TLV(s) Explosive proof Mechanical Protective Glothing or Equipment Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure.	Eve. skin. respirato	ory and gastrointesti	nal trac	ts irritation, headach	e, dizziness	, nausea,	loss of apper	tite, jaundice and someti	mes pain
Medical Conditions Generally Aggravated by Exposure Persons with pre-existing disorders, eye problems or impaired liver or respiratory function may be more susceptible to the effects of this product. Emergency and First Aid Procedures INGESTION: If conscious, drink no more than 2 glasses of water and induce vomiting. Keep head below hips while vomiting. INHALATION: Remove from exposure. Provide OPR/oxygen if needed. EYES: Flush with water for 15 minutes. Hold eyelids open. SKIN: Flush with water. Seek medical attention if any of the above symptoms persist. Section VIII - Precautions for Safe Handling and Use Steps to Be Taken in Case Material is Released or Spilled Wear protective equipment. Eliminate sources of ignition. Ventilate area. Remove spill with pump or with non-flammable absorbent. Place in suitable container for disposal. Prevent liquid from entering sewers, waterways or low areas. Waste Disposal Method Insure conformity with government disposal regulations. Use certified vendor for disposal by incineration. Precautions to Be Taken in Handling and Storage Store in tightly closed containers in flammable liquid storage room/cabinet. Avoid excessive heat. Keep away from incompatible materials. Other Precautions Obn or pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, sparks, static electricity, or other sources of ignition. Do not store or handle in aluminum equipment at temperatures above 120 °F. Section VIII - Control Measures Respiratory Protection (Specify Type) If levels may or does exceed the recommended health standards, wear a respirator. For emergency use, wear breathing apparatus. Ventilation Ventilation to maintain exposure below TLV(s) Special Explosive proof Mechanical Protective Gloves Yes Local Exhaust Ventilation to maintain exposure below TLV(s) Explosive proof Other Protective Gloves Yes Local Exhaust Ventiletes Newtheridates Newtheridates Newtheridates	in the upper abdor	nen on the right side	е.						
Protective Gloves Protective Gloves Prote	Madical Canditions Go	norally Angravated by	YDOSUIC						ala afilhia
Emergency and First Aid Procedures INGESTION: If conscious, drink no more than 2 glasses of water and induce vomiting. Keep head below hips while vomiting. INHALATION: Remove from exposure. Provide CPR/oxygen if needed. EYES: Flush with water for 15 minutes. Hold eyelids open. SKIN: Flush with water. Seek medical attention if any of the above symptoms persist. Section VII – Precautions for Safe Handling and Use Steps to Baraken in Case Material is Released or Spilled Wear protective equipment. Eliminate sources of ignition. Ventilate area. Remove spill with pump or with non-flammable absorbent. Place in suitable container for disposal. Prevent liquid from entering sewers, waterways or low areas. Waste Disposal Method Insure conformity with government disposal regulations. Use certified vendor for disposal by incineration. Precautions to Be Taken in Handling and Storage Store in tightly closed containers in flammable liquid storage room/cabinet. Avoid excessive heat. Keep away from incompatible materials. Other Precautions Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, sparks, static electricity, or other sources of ignition. Do not store or handle in aluminum equipment at temperatures above 120 °F. Section VIII – Control Measures Respiratory Protection (Specify Type) If levels may or does exceed the recommended health standards, wear a respirator. For emergency use, wear breathing apparatus. Ventilation Ventilation to maintain exposure below TLV(s) Explosive proof Mechanical Ventilation to maintain exposure below TLV(s) Explosive proof Other Protective Clothing or Equipment Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure.	Persons with pre-e	existing disorders, e	ye prob	lems or impaired live	r or respirat	ory function	on may be mo	re susceptible to the ene	315 OF 11115
INGESTION: If conscious, drink no more than 2 glasses of water and induce vomiting. Keep head below hips while vorniting. INHALATION: Remove from exposure. Provide CPR/oxygen if needed. EYES: Flush with water for 15 minutes. Hold eyelids open. SKIN: Flush with water. Seek medical attention if any of the above symptoms persist. Section VII – Precautions for Safe Handling and Use Steps to Be Taken in Case Material is Released or Spilled Wear protective equipment. Eliminate sources of ignition. Ventilate area. Remove spill with pump or with non-flammable absorbent. Place in suitable container for disposal. Prevent liquid from entering sewers, waterways or low areas. Waste Disposal Method Insure conformity with government disposal regulations. Use certified vendor for disposal by incineration. Precautions to Be Taken in Handling and Storage Store in tightly closed containers in flammable liquid storage room/cabinet. Avoid excessive heat. Keep away from incompatible materials. Other Precautions Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, sparks, static electricity, or other sources of ignition. Do not store or handle in aluminum equipment at temperatures above 120 °F. Section VIII – Control Measures Respiratory Protection (Specify Type) If levels may or does exceed the recommended health standards, wear a respirator. For emergency use, wear breathing apparatus. Ventilation Ventilation Ventilation to maintain exposure below TLV(s) Explosive proof Other Protective Gloves Yes Eye Protection Safety glasses/face shield Other Protective Clothing or Equipment Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure.							 		
INHALATION: Remove from exposure. Provide CPR/oxygen if needed. EYES: Flush with water for 15 minutes. Hold eyelids open. SKIN: Flush with water. Seek medical attention if any of the above symptoms persist. Section VII – Precautions for Safe Handling and Use Steps to Be Taken in Case Material is Released or Spilled Wear protective equipment. Eliminate sources of ignition. Ventilate area. Remove spill with pump or with non-flammable absorbent. Place in suitable container for disposal. Prevent liquid from entering sewers, waterways or low areas. Waste Disposal Method Insure conformity with government disposal regulations. Use certified vendor for disposal by incineration. Precautions to Be Taken in Handling and Storage Store in tightly closed containers in flammable liquid storage room/cabinet. Avoid excessive heat. Keep away from incompatible materials. Other Precautions Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, sparks, static electricity, or other sources of ignition. Do not store or handle in aluminum equipment at temperatures above 120 °F. Section VIII – Control Measures Respiratory Protection (Specify Type) If levels may or does exceed the recommended health standards, wear a respirator. For emergency use, wear breathing apparatus. Ventilation Local Exhaust Ventilation to maintain exposure below TLV(s) Explosive proof Other Protective Clothing or Equipment Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure.	Emergency and First A	Ald Procedures	o than '	2 alongon of water ar	d induce v	omiting 1	Ceen head he	elow hins while vomiting	_
Skin: Flush with water. Seek medical attention if any of the above symptoms persist. Section VII – Precautions for Safe Handling and Use Steps to Be Taken in Case Material is Released or Spilled Wear protective equipment. Eliminate sources of ignition. Ventilate area. Remove spill with pump or with non-flammable absorbent. Place in suitable container for disposal. Prevent liquid from entering sewers, waterways or low areas. Waste Disposal Method Insure conformity with government disposal regulations. Use certified vendor for disposal by incineration. Precautions to Be Taken in Handling and Storage Store in tightly closed containers in flammable liquid storage room/cabinet. Avoid excessive heat. Keep away from incompatible materials. Other Precautions Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, sparks, static electricity, or other sources of ignition. Do not store or handle in aluminum equipment at temperatures above 120 °F. Section VIII – Control Measures Respiratory Protection (Specify Type) If levels may or does exceed the recommended health standards, wear a respirator. For emergency use, wear breathing apparatus. Ventilation Local Exhaust Ventilation to maintain exposure below TLV(s) Mechanical Local Exhaust Ventilation or Equipment Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure.	INGESTION: IT CORS	scious, annik no moi	Provide	2 glasses of water at	led FYFS :	Flush wit	h water for 1	5 minutes. Hold evelids	open.
Section VII – Precautions for Safe Handling and Use Steps to Be Taken in Case Material is Released or Spilled Wear protective equipment. Eliminate sources of ignition. Ventilate area. Remove spill with pump or with non-flammable absorbent. Place in suitable container for disposal. Prevent liquid from entering sewers, waterways or low areas. Waste Disposal Method Insure conformity with government disposal regulations. Use certified vendor for disposal by incineration. Precautions to Be Taken in Handling and Storage Store in tightly closed containers in flammable liquid storage room/cabinet. Avoid excessive heat. Keep away from incompatible materials. Other Precautions Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, sparks, static electricity, or other sources of ignition. Do not store or handle in aluminum equipment at temperatures above 120 °F. Section VIII – Control Measures Respiratory Protection (Specify Type) If levels may or does exceed the recommended health standards, wear a respirator. For emergency use, wear breathing apparatus. Ventilation Local Exhaust Ventilation to maintain exposure below TLV(s) Special Other Protective Gloves Yes Local Exhaust Ventilation to maintain exposure below TLV(s) Other Explosive proof Other Other Protective Clothing or Equipment Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure.	INHALATION: Rem	INHALATION: Remove from exposure. Provide CPR/oxygen if needed. ETES: riush with water for 15 minutes. Floid eyends open.							
Steps to Be Taken in Case Material is Released or Spilled Wear protective equipment. Eliminate sources of ignition. Ventilate area. Remove spill with pump or with non-flammable absorbent. Place in suitable container for disposal. Prevent liquid from entering sewers, waterways or low areas. Waste Disposal Method Insure conformity with government disposal regulations. Use certified vendor for disposal by incineration. Precautions to Be Taken in Handling and Storage Store in tightly closed containers in flammable liquid storage room/cabinet. Avoid excessive heat. Keep away from incompatible materials. Other Precautions Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, sparks, static electricity, or other sources of ignition. Do not store or handle in aluminum equipment at temperatures above 120 °F. Section VIII – Control Measures Respiratory Protection (Specify Type) If levels may or does exceed the recommended health standards, wear a respirator. For emergency use, wear breathing apparatus. Ventilation Local Exhaust Ventilation to maintain exposure below TLV(s) Special Ventilation to maintain exposure below TLV(s) Protective Gloves Yes Eye Protection Safety glasses/face shield Other Other Protective Clothing or Equipment Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure. Matrible exposure.	Socian VIII - Propositions for Safe Handling and Use								
Wear protective equipment. Eliminate sources of ignition. Ventilate area. Remove spill with pump or with non-tiammable absorbent. Place in suitable container for disposal. Prevent liquid from entering sewers, waterways or low areas. Waste Disposal Method Insure conformity with government disposal regulations. Use certified vendor for disposal by incineration. Precautions to Be Taken in Handling and Storage Store in tightly closed containers in flammable liquid storage room/cabinet. Avoid excessive heat. Keep away from incompatible materials. Other Precautions Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, sparks, static electricity, or other sources of ignition. Do not store or handle in aluminum equipment at temperatures above 120 °F. Section VIII – Control Measures Respiratory Protection (Specify Type) If levels may or does exceed the recommended health standards, wear a respirator. For emergency use, wear breathing apparatus. Ventilation to maintain exposure below TLV(s) Special Explosive proof Other Protective Gloves Yes Eye Protection Safety glasses/face shield Other Protective Clothing or Equipment Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure. Weat-tile texposure.	Ctava to Do Takén in C	neo Material le Polesso	d or Spill	ed					
Place in suitable container for disposal. Prevent liquid from entering sewers, waterways or low areas. Waste Disposal Method Insure conformity with government disposal regulations. Use certified vendor for disposal by incineration. Precautions to Be Taken in Handling and Storage Store in tightly closed containers in flammable liquid storage room/cabinet. Avoid excessive heat. Keep away from incompatible materials. Other Precautions Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, sparks, static electricity, or other sources of ignition. Do not store or handle in aluminum equipment at temperatures above 120 °F. Section VIII - Control Measures Respiratory Protection (Specify Type) If levels may or does exceed the recommended health standards, wear a respirator. For emergency use, wear breathing apparatus. Ventilation Local Exhaust Ventilation to maintain exposure below TLV(s) Protective Gloves Yes Eye Protection Safety glasses/face shield Other Other Safety glasses/face shield Other Other Wastility for in Surgicians	Wear protective ed	Wear protective equipment. Eliminate sources of ignition. Ventilate area. Remove spill with pump or with non-nammable absorbert.							
Insure conformity with government disposal regulations. Use certified vendor for disposal by incineration. Precautions to Be Taken In Handling and Storage Store in tightly closed containers in flammable liquid storage room/cabinet. Avoid excessive heat. Keep away from incompatible materials. Other Precautions Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, sparks, static electricity, or other sources of ignition. Do not store or handle in aluminum equipment at temperatures above 120 °F. Section VIII – Control Measures Respiratory Protection (Specify Type) If levels may or does exceed the recommended health standards, wear a respirator. For emergency use, wear breathing apparatus. Ventilation Local Exhaust Ventilation to maintain exposure below TLV(s) Explosive proof Other Protective Gloves Yes Eye Protection Safety glasses/face shield Other Protective Clothing or Equipment Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure. Matchileton Protectives	Place in suitable co	ontainer for disposa	l. Preve	ent liquid from enteri	ng sewers,	waterway	s or low area	as.	
Precautions to Be Taken in Handling and Storage Store in tightly closed containers in flammable liquid storage room/cabinet. Avoid excessive heat. Keep away from incompatible materials. Other Precautions Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, sparks, static electricity, or other sources of ignition. Do not store or handle in aluminum equipment at temperatures above 120 °F. Section VIII – Control Measures Respiratory Protection (Specify Type) If levels may or does exceed the recommended health standards, wear a respirator. For emergency use, wear breathing apparatus. Ventilation Local Exhaust Ventilation to maintain exposure below TLV(s) Special Explosive proof Other Protective Gloves Yes Local Exhaust Ventilation to maintain exposure below TLV(s) Safety glasses/face shield Other Protective Clothing or Equipment Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure.	Marta Dispasal Mathod								
Store in tightly closed containers in flammable liquid storage room/cabinet. Avoid excessive neat. Keep away from incompatible materials. Other Precautions Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, sparks, static electricity, or other sources of ignition. Do not store or handle in aluminum equipment at temperatures above 120 °F. Section VIII – Control Measures Respiratory Protection (Specify Type) If levels may or does exceed the recommended health standards, wear a respirator. For emergency use, wear breathing apparatus. Ventilation Ventilation to maintain exposure below TLV(s) Special Explosive proof Other Protective Gloves Yes Eye Protection Safety glasses/face shield Other Protective Clothing or Equipment Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure.	Insure conformity with government disposal regulations. Use certified vendor for disposal by incineration.								
Store in tightly closed containers in flammable liquid storage room/cabinet. Avoid excessive neat. Keep away from incompatible materials. Other Precautions Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, sparks, static electricity, or other sources of ignition. Do not store or handle in aluminum equipment at temperatures above 120 °F. Section VIII – Control Measures Respiratory Protection (Specify Type) If levels may or does exceed the recommended health standards, wear a respirator. For emergency use, wear breathing apparatus. Ventilation Ventilation to maintain exposure below TLV(s) Special Explosive proof Other Protective Gloves Yes Eye Protection Safety glasses/face shield Other Protective Clothing or Equipment Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure.									
Other Precautions Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, sparks, static electricity, or other sources of ignition. Do not store or handle in aluminum equipment at temperatures above 120 °F. Section VIII – Control Measures Respiratory Protection (Specify Type) If levels may or does exceed the recommended health standards, wear a respirator. For emergency use, wear breathing apparatus. Ventilation Local Exhaust Ventilation to maintain exposure below TLV(s) Mechanical Protective Gloves Yes Eye Protection Safety glasses/face shield Other Protective Clothing or Equipment Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure.	Precautions to Be Taken in Handling and Storage								
Other Precautions Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, sparks, static electricity, or other sources of ignition. Do not store or handle in aluminum equipment at temperatures above 120 °F. Section VIII – Control Measures Respiratory Protection (Specify Type) If levels may or does exceed the recommended health standards, wear a respirator. For emergency use, wear breathing apparatus. Ventilation Local Exhaust Ventilation to maintain exposure below TLV(s) Special Explosive proof Other Protective Gloves Yes Other Protective Clothing or Equipment Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure. Markithaliania Bratilans									
Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, sparks, static electricity, or other sources or ignition. Do not store or handle in aluminum equipment at temperatures above 120 °F. Section VIII – Control Measures Respiratory Protection (Specify Type) If levels may or does exceed the recommended health standards, wear a respirator. For emergency use, wear breathing apparatus. Ventilation Local Exhaust Ventilation to maintain exposure below TLV(s) Special Explosive proof Other Protective Gloves Yes Other Protective Clothing or Equipment Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure. Markithalania Bratilans	City Burnelland								
ignition. Do not store or handle in aluminum equipment at temperatures above 120 °F. Section VIII – Control Measures Respiratory Protection (Specify Type) If levels may or does exceed the recommended health standards, wear a respirator. For emergency use, wear breathing apparatus. Ventilation Local Exhaust Ventilation to maintain exposure below TLV(s) Mechanical Protective Gloves Yes Eye Protection Safety glasses/face shield Other Protective Clothing or Equipment Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure. Meritherical Restlers	Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, sparks, static electricity, or other sources or								
Respiratory Protection (Specify Type) If levels may or does exceed the recommended health standards, wear a respirator. For emergency use, wear breathing apparatus. Ventilation Local Exhaust Ventilation to maintain exposure below TLV(s) Mechanical Protective Gloves Yes Eye Protection Safety glasses/face shield Other Protective Clothing or Equipment Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure. Mark this level appears to the recommended health standards, wear a respirator. For emergency use, wear breathing apparatus. Special Explosive proof Other Other	ignition. Do not store or handle in aluminum equipment at temperatures above 120 °F.								
Local Exhaust Ventilation Local Exhaust Ventilation to maintain exposure below TLV(s) Explosive proof Mechanical Other Protective Gloves Yes Eye Protection Safety glasses/face shield	Section VIII - Control Measures								
Ventilation Local Exhaust Ventilation to maintain exposure below TLV(s) Explosive proof	Desiration Protection (Specific Type)								
Ventilation to maintain exposure below TLV(s) Rechanical Protective Gloves Yes Other Protective Clothing or Equipment Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure. West the long Rections	If levels may or does exceed the recommended health standards, wear a respirator. For emergency use, wear breathing apparatus.								
Protective Gloves Yes Eye Protection Safety glasses/face shield Other Protective Clothing or Equipment Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure.	Ventilation	Local Exhaust	ain ava	ocuro bolow TLV(s)			e proof		
Protective Gloves Yes Eye Protection Safety glasses/face shield Other Protective Clothing or Equipment Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure.	þ		am exp	Danie Delow TEA(2)			C PICOL		
Other Protective Clothing or Equipment Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure.		(UCAHRIDAR)							
Other Protective Clothing or Equipment Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure. West Mark the Brackless	Protective Gloves	Yes			Eye Pı	otection	Safety glass	ses/face shield	
Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the infinediate vicinity of any potential exposure.	All the property of								
any potential exposure.	Long sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the infinediate vicinity or								
Work/Hygienic Practices									
Wash hands before eating, drinking, smoking, or using toilet facilities. Wash contaminated clothing before reuse.									

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

NOTICE: RANACO expressively disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein.

All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, RANACO makes no representations as to its accuracy or sufficiency. Conditions of use are beyond RANACO's control and therefore users are responsible to verify this data under their own operating conditions to determine whather the product is suitable for their particular purposes and they assume all risks of their use, handling and disposal of the product, or from the publication or use of, or relience upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.