MATERIAL SAFETY DATA SHEET

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Part Number Pint = $35-332$; Quart = $35-333$; HG – $35-334$; Gallon - $35-335$; 5 gallon – $35-336$								
15 gallon – 35-337; 30 gallon – 35-338; 55 gal – 35-339								
SECTION 1								
	MANUFACTURER'S NAME				LEPHONE	NO.		
Phoenix Resins Inc ./ MAS P	roducts			800-424-9300 (CH	IEMTREC)			
ADDRESS								
2615 River Road #3A								
Cinnaminson, NJ 08077								
CHEMICAL NAME					COMMON NAME			
Ethyl Hydroxy Propionate / pro	oprietary	co-solvent			Ethyl Lactate Blend			
DOT CLASSIFICATION				FORMULA				
Combustible Liquid					Blend			
CHEMICAL OR COMMON N	AME	PERCENT	CAS NO.	APPLICABLE PI		EXPO	OSURE LIMI	TS TLV-ACGIH
Ethyl lactate		10-90	97-64-3	None establ			None es	stablished
		SECTION	2 HAZ	ARDOUS INGRE	DIENTS			
CHEMICAL OR COMMON NA	AME .	PERCENT	CAS NO.	APPLICABLE PE	L-OSHA	EXPO	OSURE LIMI	TS TLV-ACGIH
Proprietary co-solvent		10-90	Proprietary			None established		
Inhibitor		<0.01	Proprietary	10 mg/m	3		TWA 10	0 mg/m ³
		C	ARCINOGE	NIC INGREDIENTS				
CHEMICAL OR COMMON NA	AME		%	REFERENCE	SOURCE			
				IARC	NTP		OSHA	OTHER
None identified			-	-	-		-	-
SECTION 3 HEALTH HAZARD DATA								
ACUTE HEALTH EFFECTS								
Eyes Irritant.								
Skin Contact Not an i	rritant.							
Ingestion May cause irritation of the digestive tract.								
Inhalation Prolonged exposure may cause irritation of mucous membranes.								
CHRONIC HEALTH EFFECTS								
None known, not listed as a carcinogen.								
ROUTES OF ENTRY								
Most common, skin and inhalation.								
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE								
Mist may cause eye/respiratory irritation with coughing.								
SECTION 4 FIRST AID MEASURES								
EYES Immediately flush with water for at least 15 minutes. See a medical doctor immediately.								
SKIN	Wash affected area with soap and water.							
-	INHALATION Remove person to fresh air. If discomfort occurs and persists, obtain medical attention.							
INGESTION See a medical doctor immediately.								
SECTION 5 FIRE FIGHTING MEASURES								
EXTINGUISHING MEDIA	Water	water for car	on dioxide (c	co.) dry chemical				
EXTINGUISHING MEDIA Water, water fog, carbon dioxide (co ₂), dry chemical. SPECIAL FIREFIGHTING Wear a self-contained breathing apparatus.								
PROCEDURES								
DEGREE OF FIRE AND		ate. Rads soa	ked with any	solvent can present a	fire hazaro	d and s	should be sto	red in UL listed or
DEGREE OF FIRE AND Moderate. Rags soaked with any solvent can present a fire hazard and should be stored in UL listed or EXPLOSION HAZARD Factory Mutual approved, covered containers. Forms peroxides of unknown stability if material								
	becomes uninhibited. Not an explosion hazard when inhibited.							
HAZARDOUS							er, during a fire	
DECOMPOSITION								
PROCEDURES								
SE		16 A(AL RELEASE / SE		SUR	FS	

SECTION 6ACCIDENTAL RELEASE / SPILL MEASURESPROCEDURE FOR
RELEASE OR SPILLCover with large quantity of absorbent material (e.g. kitty litter) and collect in drums for disposal. Clean
contaminated area with soap and water.

	7 CHEMI	CAL AND PHYSICAL I	DATA		
MELTING POINT (°C)	Not applicable	SPECIFIC GRAVITY (H ₂ O=1])	0.988	
BOILING POINT	300° F	PERCENT VOLATILE BY V	100		
VAPOR PRESSURE (mmHg)	0.54 @ 68°F	EVAPORATION RATE (butyl acetate=1) 0.14			
VAPOR DENSITY (AIR=1)	4.6	pH OF WATER DISPERSIO		4.8, 10% solution	
SOLUBILITY	60%, in water	APPEARANCE AND	Clear colorless	liquid, pungent ester	
		ODOR odor.			
FLASH POINT	149° F, ASTM D93	FLAMMABLE LIMITS	Lel	Uel	
		@ 212 F	No data	No data	
EXTINGUISHING MEDIA - Water, foam, CO		ODOR THRESHOLD	No da	ata	
SPECIAL FIRE FIGHTING PROCEDURES	BULK DENSITY (G/ML)				
None required	PARTITION COEFFICIENT				
INCOMPATIBILITY (materials to avoid) Str	rong	(n-octanol/water) No data			
oxidizing agents, acids and alkalies. HAZARDOUS DECOMPOSITION PRODUC	ידפ	AUTOIGNITION TEMPERATURE No data EXPLOSIVE PROPERTIES Not applicable			
Incomplete combustion can produce CO.		OXIDIZING PROPERTIES Not applicable			
SECTION		ITY AND REACTIVITY		ppiloabio	
SECTION					
		Stable. Forms peroxides if n	naterial becomes	s uninnibited.	
	S POLYMERIZATION	None known None known			
	ATERIALS TO AVOID	Strong oxidizing agents, acid	ls and alkalies		
	INSTABILITY				
	INCOMPATIBILITY	None known			
HAZARDOUS DECOMP	OSITION PRODUCTS	Carbon monoxide			
SENSITIVITY TO ME	CHANICAL IMPACT	None known			
SENSITIVITY TO ST	ATIC DISCHARGE	None known			
	SECTION 9	TOXICOLOGICAL INFORMATION			
	EYE CONTACT	Irritant			
	SKIN CONTACT	LD 50 (rat/24hrs.) >1000mg/kg (highest dose tested)			
	SKIN ABSORPTION	No data available			
	INHALATION	LC 50 (rat/6 hrs.) > 1000 ppm (highest concentration tested)			
ACUTE EFFECTS FRO		LD 50 > 4200 mg/kg (rat) (RTECS 1985-6) May cause irritation of the eyes.			
CHRONIC EFFECTS FR		None identified	/es.		
(effects considered include: sensi					
teratogenicity, mutagenicity, synerg					
medical conditions generally recogniz	ed as being aggravated				
	by exposure)				
SECTIO EN	LOGICAL INFORMATI	ON			
FN FN	100% Biodegradable No adverse effects known or suspected. Not listed toxic				
			suspected Not	listed toxic	
	ONMENTAL EFFECTS	No adverse effects known or			
ENVIRO	DNMENTAL EFFECTS	No adverse effects known or chemical under SARA Title I	II 302, 304 or 31		
ENVIRO	ONMENTAL EFFECTS	No adverse effects known or chemical under SARA Title I NDLING AND STORAC	II 302, 304 or 31	3.	
ENVIRO	ONMENTAL EFFECTS	No adverse effects known or chemical under SARA Title I NDLING AND STORAC Keep container tightly closec a cool, dry, well-ventilated, li	II 302, 304 or 31 SE I. Minimize expo quid storage area	3. Isure to air. Store in a.	
ENVIRO	ONMENTAL EFFECTS	No adverse effects known or chemical under SARA Title I NDLING AND STORAC Keep container tightly closec a cool, dry, well-ventilated, li Use adequate general or loc	II 302, 304 or 31 SE I. Minimize expo quid storage are al exhaust ventila	3. Isure to air. Store in a.	
ENVIRO	ONMENTAL EFFECTS ON 11 HAI HANDLING VENTILATION	No adverse effects known or chemical under SARA Title I NDLING AND STORAC Keep container tightly closed a cool, dry, well-ventilated, li Use adequate general or loc and mist levels as low as po	II 302, 304 or 31 E I. Minimize expo quid storage are: al exhaust ventils ssible.	3. sure to air. Store in a. ation to keep vapor	
ENVIRG SECT	ONMENTAL EFFECTS ON 11 HAI HANDLING VENTILATION STORAGE	No adverse effects known or chemical under SARA Title I NDLING AND STORAG Keep container tightly closed a cool, dry, well-ventilated, li Use adequate general or loc and mist levels as low as po Store in a cool dry area, awa	II 302, 304 or 31 SE 1. Minimize expo quid storage area al exhaust ventila ssible. ly from oxidizers	3. sure to air. Store in a. ation to keep vapor and acids.	
SECTION 12	ONMENTAL EFFECTS ION 11 HA HANDLING VENTILATION STORAGE EXPOSURE CO	No adverse effects known or chemical under SARA Title I NDLING AND STORAC Keep container tightly closed a cool, dry, well-ventilated, li Use adequate general or loc and mist levels as low as po	II 302, 304 or 31 SE 1. Minimize expo quid storage area al exhaust ventila ssible. ly from oxidizers	3. Issure to air. Store in a. ation to keep vapor and acids.	
	ONMENTAL EFFECTS ION 11 HAI HANDLING VENTILATION STORAGE EXPOSURE CO ECTIVE EQUIPMENT	No adverse effects known or chemical under SARA Title I NDLING AND STORAC Keep container tightly closed a cool, dry, well-ventilated, li Use adequate general or loc and mist levels as low as po Store in a cool dry area, awa NTROL / PERSONAL F	II 302, 304 or 31 SE I. Minimize expo quid storage area al exhaust ventila ssible. y from oxidizers PROTECTION	3. Issure to air. Store in a. ation to keep vapor and acids.	
SECTION 12	ONMENTAL EFFECTS ON 11 HAI HANDLING VENTILATION STORAGE EXPOSURE CO ECTIVE EQUIPMENT RESPIRATORY	No adverse effects known or chemical under SARA Title I NDLING AND STORAG Keep container tightly closed a cool, dry, well-ventilated, li Use adequate general or loc and mist levels as low as po Store in a cool dry area, awa	II 302, 304 or 31 SE I. Minimize expo quid storage area al exhaust ventila ssible. y from oxidizers PROTECTION	3. Issure to air. Store in a. ation to keep vapor and acids.	
SECTION 12	ONMENTAL EFFECTS ON 11 HAI HANDLING VENTILATION STORAGE EXPOSURE CO ECTIVE EQUIPMENT RESPIRATORY VENTILATION	No adverse effects known or chemical under SARA Title I NDLING AND STORAC Keep container tightly closed a cool, dry, well-ventilated, li Use adequate general or loc and mist levels as low as po Store in a cool dry area, awa NTROL / PERSONAL F	II 302, 304 or 31 SE I. Minimize expo quid storage area al exhaust ventila ssible. y from oxidizers PROTECTION	3. Issure to air. Store in a. ation to keep vapor and acids.	
SECTION 12	ONMENTAL EFFECTS ON 11 HAI HANDLING VENTILATION STORAGE EXPOSURE CO ECTIVE EQUIPMENT RESPIRATORY VENTILATION Local Exhaust	No adverse effects known or chemical under SARA Title I NDLING AND STORAC Keep container tightly closed a cool, dry, well-ventilated, li Use adequate general or loc and mist levels as low as po Store in a cool dry area, awa NTROL / PERSONAL F	II 302, 304 or 31 SE I. Minimize expo quid storage are: al exhaust ventila ssible. by from oxidizers PROTECTION ate ventilation co	3. sure to air. Store in a. ation to keep vapor and acids. N nditions exist.	
SECTION 12	ONMENTAL EFFECTS ON 11 HAI HANDLING VENTILATION STORAGE EXPOSURE CO ECTIVE EQUIPMENT RESPIRATORY VENTILATION	No adverse effects known or chemical under SARA Title I NDLING AND STORAC Keep container tightly closed a cool, dry, well-ventilated, li Use adequate general or loc and mist levels as low as po Store in a cool dry area, awa NTROL / PERSONAL F None required where adequat Recommended	II 302, 304 or 31 SE I. Minimize expo quid storage are al exhaust ventila ssible. y from oxidizers PROTECTION ate ventilation co tilation can be ac	3. sure to air. Store in a. ation to keep vapor and acids. N nditions exist. chieved by use of an	
SECTION 12	ONMENTAL EFFECTS ON 11 HAI HANDLING VENTILATION STORAGE EXPOSURE CO ECTIVE EQUIPMENT RESPIRATORY VENTILATION Local Exhaust	No adverse effects known or chemical under SARA Title I NDLING AND STORAC Keep container tightly closec a cool, dry, well-ventilated, li Use adequate general or loc and mist levels as low as po Store in a cool dry area, awa NTROL / PERSONAL F None required where adequa Recommended In most cases adequate ven industrial floor or pedestal fa outlet openings to the works	II 302, 304 or 31 SE I. Minimize expo quid storage are al exhaust ventila ssible. y from oxidizers PROTECTION ate ventilation co tilation can be ac n, combined with	3. sure to air. Store in a. ation to keep vapor and acids. N nditions exist. chieved by use of an n sizable inlet and	
SECTION 12	ONMENTAL EFFECTS ON 11 HA HANDLING VENTILATION STORAGE EXPOSURE CO ECTIVE EQUIPMENT RESPIRATORY VENTILATION Local Exhaust Mechanical (general) EYE PROTECTION	No adverse effects known or chemical under SARA Title I NDLING AND STORAC Keep container tightly closec a cool, dry, well-ventilated, li Use adequate general or loc and mist levels as low as po Store in a cool dry area, awa NTROL / PERSONAL F None required where adequa Recommended In most cases adequate ven industrial floor or pedestal fa outlet openings to the works Use chemical goggles.	II 302, 304 or 31 SE I. Minimize expo quid storage are al exhaust ventila ssible. y from oxidizers PROTECTION ate ventilation co tilation can be ac n, combined with pace, such as do	3. sure to air. Store in a. ation to keep vapor and acids. N nditions exist. chieved by use of an n sizable inlet and bors and/or windows.	
ENVIRO SECTION SECTION 12 RECOMMENDED PERSONAL PROT	ONMENTAL EFFECTS ON 11 HAI HANDLING VENTILATION STORAGE EXPOSURE CO ECTIVE EQUIPMENT RESPIRATORY VENTILATION Local Exhaust Mechanical (general) EYE PROTECTION GLOVES	No adverse effects known or chemical under SARA Title I NDLING AND STORAG Keep container tightly closed a cool, dry, well-ventilated, li Use adequate general or loc and mist levels as low as po Store in a cool dry area, awa NTROL / PERSONAL F None required where adequa Recommended In most cases adequate ven industrial floor or pedestal fa outlet openings to the works Use chemical goggles.	II 302, 304 or 31 SE I. Minimize expo quid storage are: al exhaust ventila ssible. y from oxidizers PROTECTION ate ventilation co tilation can be ac n, combined with pace, such as do event skin contact	3. sure to air. Store in a. ation to keep vapor and acids. N nditions exist. chieved by use of an n sizable inlet and bors and/or windows. ct.	
ENVIRG	ONMENTAL EFFECTS ON 11 HA HANDLING VENTILATION STORAGE EXPOSURE CO ECTIVE EQUIPMENT RESPIRATORY VENTILATION Local Exhaust Mechanical (general) EYE PROTECTION	No adverse effects known or chemical under SARA Title I NDLING AND STORAG Keep container tightly closed a cool, dry, well-ventilated, li Use adequate general or loc and mist levels as low as po Store in a cool dry area, awa NTROL / PERSONAL F None required where adequa Recommended In most cases adequate ven industrial floor or pedestal fa outlet openings to the works Use chemical goggles. Use impervious gloves to pro Aprons recommended. If clo	II 302, 304 or 31 SE I. Minimize expo quid storage are: al exhaust ventila ssible. y from oxidizers PROTECTION ate ventilation co tilation can be ac in, combined with pace, such as do event skin contact othing becomes of	3. sure to air. Store in a. ation to keep vapor and acids. N nditions exist. chieved by use of an n sizable inlet and bors and/or windows. ct.	
ENVIRG	ONMENTAL EFFECTS ON 11 HAI HANDLING VENTILATION STORAGE EXPOSURE CO ECTIVE EQUIPMENT RESPIRATORY VENTILATION Local Exhaust Mechanical (general) EYE PROTECTION GLOVES NG AND EQUIPMENT	No adverse effects known or chemical under SARA Title I NDLING AND STORAG Keep container tightly closed a cool, dry, well-ventilated, li Use adequate general or loc and mist levels as low as po Store in a cool dry area, awa NTROL / PERSONAL F None required where adequa Recommended In most cases adequate ven industrial floor or pedestal fa outlet openings to the works Use chemical goggles. Use impervious gloves to pre Aprons recommended. If clo remove and launder before	II 302, 304 or 31 SE I. Minimize expo quid storage are: al exhaust ventila ssible. y from oxidizers PROTECTION ate ventilation co tilation can be ac in, combined with pace, such as do event skin contact othing becomes of	3. sure to air. Store in a. ation to keep vapor and acids. N nditions exist. chieved by use of an n sizable inlet and bors and/or windows. ct.	
ENVIRG	ONMENTAL EFFECTS ON 11 HAI HANDLING VENTILATION STORAGE EXPOSURE CO ECTIVE EQUIPMENT RESPIRATORY VENTILATION Local Exhaust Mechanical (general) EYE PROTECTION GLOVES NG AND EQUIPMENT ECTIVE EQUIPMENT	No adverse effects known or chemical under SARA Title I NDLING AND STORAC Keep container tightly closed a cool, dry, well-ventilated, li Use adequate general or loc and mist levels as low as po Store in a cool dry area, awa NTROL / PERSONAL F None required where adequa Recommended In most cases adequate ven industrial floor or pedestal fa outlet openings to the works Use chemical goggles. Use impervious gloves to pre Aprons recommended. If clo remove and launder before to None identified	II 302, 304 or 31 SE I. Minimize expo quid storage area al exhaust ventila ssible. by from oxidizers PROTECTION ate ventilation co tilation can be ac n, combined with pace, such as do event skin contact thing becomes of reuse.	3. sure to air. Store in a. ation to keep vapor and acids. N nditions exist. chieved by use of an n sizable inlet and bors and/or windows. st. contaminated,	
ENVIRG SECTI SECTION 12 RECOMMENDED PERSONAL PROT SPECIAL CLOTHI OTHER PROT	ONMENTAL EFFECTS ON 11 HAI HANDLING VENTILATION STORAGE EXPOSURE CO ECTIVE EQUIPMENT RESPIRATORY VENTILATION Local Exhaust Mechanical (general) EYE PROTECTION GLOVES NG AND EQUIPMENT FOOT PROTECTION	No adverse effects known or chemical under SARA Title I NDLING AND STORAC Keep container tightly closed a cool, dry, well-ventilated, li Use adequate general or loc and mist levels as low as po Store in a cool dry area, awa NTROL / PERSONAL F None required where adequa Recommended In most cases adequate ven industrial floor or pedestal fa outlet openings to the works Use chemical goggles. Use impervious gloves to pre Aprons recommended. If clo remove and launder before to None identified Industrial safety shoes are ref	II 302, 304 or 31 SE I. Minimize expo quid storage area al exhaust ventila ssible. by from oxidizers PROTECTION ate ventilation co tilation can be ac n, combined with pace, such as do event skin contact thing becomes of reuse.	3. sure to air. Store in a. ation to keep vapor and acids. N nditions exist. chieved by use of an n sizable inlet and bors and/or windows. st. contaminated,	
ENVIRG SECTION 12 RECOMMENDED PERSONAL PROT SPECIAL CLOTHI OTHER PROT	ONMENTAL EFFECTS ON 11 HAI HANDLING VENTILATION STORAGE EXPOSURE CO ECTIVE EQUIPMENT RESPIRATORY VENTILATION Local Exhaust Mechanical (general) EYE PROTECTION GLOVES NG AND EQUIPMENT FOOT PROTECTION IEERING CONTROLS	No adverse effects known or chemical under SARA Title I NDLING AND STORAC Keep container tightly closed a cool, dry, well-ventilated, li Use adequate general or loc and mist levels as low as po Store in a cool dry area, awa NTROL / PERSONAL F None required where adequa Recommended In most cases adequate ven industrial floor or pedestal fa outlet openings to the works Use chemical goggles. Use impervious gloves to pre Aprons recommended. If clo remove and launder before in None identified Industrial safety shoes are re None identified	II 302, 304 or 31 SE I. Minimize expo quid storage are: al exhaust ventila ssible. by from oxidizers PROTECTION ate ventilation co tilation can be ac n, combined with pace, such as do event skin contact thing becomes of reuse. ecommended in a	3. sure to air. Store in a. ation to keep vapor and acids. N nditions exist. chieved by use of an n sizable inlet and bors and/or windows. ct. contaminated, all industrial settings.	
ENVIRG SECTION 12 RECOMMENDED PERSONAL PROT SPECIAL CLOTHI OTHER PROT	ONMENTAL EFFECTS ON 11 HAI HANDLING VENTILATION STORAGE EXPOSURE CO ECTIVE EQUIPMENT RESPIRATORY VENTILATION Local Exhaust Mechanical (general) EYE PROTECTION GLOVES NG AND EQUIPMENT FOOT PROTECTION	No adverse effects known or chemical under SARA Title I NDLING AND STORAC Keep container tightly closed a cool, dry, well-ventilated, li Use adequate general or loc and mist levels as low as po Store in a cool dry area, awa NTROL / PERSONAL F None required where adequa Recommended In most cases adequate ven industrial floor or pedestal fa outlet openings to the works Use chemical goggles. Use impervious gloves to pre Aprons recommended. If clo remove and launder before i None identified Industrial safety shoes are re None identified Do not smoke in areas of sto	II 302, 304 or 31 SE I. Minimize expo quid storage are: al exhaust ventila ssible. by from oxidizers PROTECTION ate ventilation co tilation can be ac n, combined with pace, such as do event skin contact thing becomes of reuse. ecommended in a	3. sure to air. Store in a. ation to keep vapor and acids. N nditions exist. chieved by use of an n sizable inlet and bors and/or windows. ct. contaminated, all industrial settings.	
ENVIRG SECTION 12 RECOMMENDED PERSONAL PROT SPECIAL CLOTHI OTHER PROT OTHER ENGIN	ONMENTAL EFFECTS ON 11 HAI HANDLING VENTILATION STORAGE EXPOSURE CO ECTIVE EQUIPMENT RESPIRATORY VENTILATION Local Exhaust Mechanical (general) EYE PROTECTION GLOVES NG AND EQUIPMENT FOOT PROTECTION IEERING CONTROLS	No adverse effects known or chemical under SARA Title I NDLING AND STORAC Keep container tightly closed a cool, dry, well-ventilated, li Use adequate general or loc and mist levels as low as po Store in a cool dry area, awa NTROL / PERSONAL F None required where adequa Recommended In most cases adequate ven industrial floor or pedestal fa outlet openings to the works Use chemical goggles. Use impervious gloves to pre Aprons recommended. If clo remove and launder before in None identified Industrial safety shoes are re None identified	II 302, 304 or 31 SE I. Minimize expo quid storage are: al exhaust ventila ssible. by from oxidizers PROTECTION ate ventilation co tilation can be ac in, combined with pace, such as do event skin contact othing becomes of reuse. ecommended in a brage or use. Ave	3. Issure to air. Store in a. ation to keep vapor and acids. N nditions exist. chieved by use of an n sizable inlet and bors and/or windows. ct. contaminated, all industrial settings. oid all contact with	
ENVIRG SECTION 12 RECOMMENDED PERSONAL PROT SPECIAL CLOTHI OTHER PROT OTHER ENGIN	ONMENTAL EFFECTS ON 11 HA HANDLING VENTILATION STORAGE EXPOSURE CO ECTIVE EQUIPMENT RESPIRATORY VENTILATION Local Exhaust Mechanical (general) EYE PROTECTION GLOVES NG AND EQUIPMENT FECTIVE EQUIPMENT FOOT PROTECTION IEERING CONTROLS WORK PRACTICES	No adverse effects known or chemical under SARA Title I NDLING AND STORAC Keep container tightly closed a cool, dry, well-ventilated, li Use adequate general or loc and mist levels as low as po Store in a cool dry area, awa NTROL / PERSONAL F None required where adequa Recommended In most cases adequate ven industrial floor or pedestal fa outlet openings to the works Use chemical goggles. Use impervious gloves to pre Aprons recommended. If clo remove and launder before to None identified Industrial safety shoes are re None identified Do not smoke in areas of sto skin and eyes.	II 302, 304 or 31 SE I. Minimize expo quid storage are al exhaust ventila ssible. y from oxidizers PROTECTION ate ventilation co tilation can be ac n, combined with pace, such as do event skin contact thing becomes of reuse. ecommended in a prage or use. Ave ct by using appro-	3. isure to air. Store in a. ation to keep vapor and acids. N nditions exist. chieved by use of an in sizable inlet and bors and/or windows. ct. contaminated, all industrial settings. oid all contact with opriate protective	
ENVIRG SECT SECTION 12 RECOMMENDED PERSONAL PROT SPECIAL CLOTHI OTHER PROT OTHER ENGIN	ONMENTAL EFFECTS ON 11 HA HANDLING VENTILATION STORAGE EXPOSURE CO ECTIVE EQUIPMENT RESPIRATORY VENTILATION Local Exhaust Mechanical (general) EYE PROTECTION GLOVES NG AND EQUIPMENT FECTIVE EQUIPMENT FOOT PROTECTION IEERING CONTROLS WORK PRACTICES	No adverse effects known or chemical under SARA Title I NDLING AND STORAG Keep container tightly closed a cool, dry, well-ventilated, li Use adequate general or loc and mist levels as low as po Store in a cool dry area, awa NTROL / PERSONAL F None required where adequa Recommended In most cases adequate ven industrial floor or pedestal fa outlet openings to the works Use chemical goggles. Use impervious gloves to pre Aprons recommended. If clo remove and launder before to None identified Industrial safety shoes are re None identified Do not smoke in areas of sto skin and eyes. Minimize eye and skin conta	II 302, 304 or 31 SE I. Minimize expo quid storage area al exhaust ventila ssible. by from oxidizers PROTECTION ate ventilation con- tilation can be ac in, combined with pace, such as do event skin contact othing becomes of reuse. ecommended in a brage or use. Ave- creage or use. A	3. sure to air. Store in a. ation to keep vapor and acids. 1 nditions exist. 1 nditions exist. chieved by use of an n sizable inlet and bors and/or windows. ct. contaminated, all industrial settings. oid all contact with opriate protective ation to control	

SECTION 13 SPECIAL PRECAUTIONS DATA					
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Avoid all contact with eyes or skin. Wear the appropriate protective equipment. Protect containers from physical damage.					
MAINTENANCE PERSONNEL					
Wash down vessels. Check the oxygen and combustible vapor content of the vessel atmosphere. Use the appropriate protective					
equipment. SECTION 14 DISPOSAL PROCEDURES					
WASTE DISPOSAL METHOD	Take up with sand or other non-combustible absorbent material				
	and place into container for later disposal. Flush area with water.				
	Dispose in accordance with all applicable Federal, State, and local environmental regulations. Spent product may be offered for				
	fuel blending incineration.				
SECTION 15 TRANSPORT INFORMATION					
DOT PROPER SHIPPING NAME	BIO SOLV (under 119 gallons) Non-regulated				
IMDG					
DOT CLASSIFICATION	Combustible liquid				
DOT LABELS	None required, under 119 gallons				
DOT MARKING DOT PLACARD	Not applicable Bulk: Combustible Liquid, 1993				
IDENTIFICATION NUMBER					
PACKAGING GROUP					
HAZARDOUS SUBSTANCE/RQ 49 STCC NUMBER	None Not applicable				
PRECAUTIONS TO BE TAKEN IN TRANSPORTATION	None needed				
OTHER SHIPPING INFORMATION	None				
	ULATORY INFORMATION				
OSHA EXPOSURE LIMITS SUBSTANCE(S) OSHA PEL-TWA	Ethyl Lactate, Proprietary co-solvent None established				
STEL					
	None established				
SKIN DESIGNATION	None established				
ACGIH TLV-TWA STEL	None established None established				
	None established				
SKIN DESIGNATION	None established				
TARGET ORGAN EFFECTS CARCINOGENIC POTENTIAL	Eye				
REGULATED BY OSHA					
LISTED ON NTP REPORT					
IARC GROUP 1, 2A, 2D US EPA REQUIREMENTS RELEASE REPORTING CERCLA	No				
(40 CFR 302)					
LISTED SUBSTANCE(S)					
RQ					
Category RCRA waste number	Not applicable Not applicable				
UNLISTED SUBSTANCE(S)					
RQ					
Characteristic RCRA waste number	Not applicable Not applicable				
SARA TITLE III SEC 313 (40 CFR 372)					
	Not listed				
INVENTORY REPORTING SARA TITLE III SEC 311/312 (40 CFR 370)					
Substance(s)	Not listed				
Hazard category					
Planning threshold Emergency planning					
SARA TITLE III SEC 302-303 (40 CFR 355)					
LISTED SUBSTANCE(S)					
RQ PLANNING THRESHOLD	Not applicable Not applicable				
US TSCA STATUS	Listed				
CANADA INGREDIENT DISCLOSURE LIST SUBSTANCE(S)					
CONTROLLED PRODUCT HAZARD SYMBOLS	Not listed				
CLASS AND DIVISION					
PRODUCT IDENTIFICATION NO.					
	Listed				
CEPA PRIORITY LIST	Not listed				

SECTION 16 REGULATOR	Y INFORMATION (CONTINUED)				
CARCINOGENIC	ITY Not listed in either OSHA, ACGIH, NTP, or IARC				
ACGIH APPEND	X A Not listed				
A1 - CONFIRMED HUMA	Not listed				
A1 - SUSPECTED HUMA	Not listed				
IARC GROUP 1 OR	No				
LABEL LANGUAGE (US/CANADA) HEALT	Not applicable				
PHYSICAL HANDLING AND STORAG	Keep container tightly closed. Minimize exposure to air. Store in				
	a cool, dry, well-ventilated liquid storage area.				
FIRST A	In case of contact, immediately flush eyes with water for at least				
	15 minutes. If irritation persists, obtain medical attention. Flush				
	skin with water.				
STATE REGULATION	S				
SECTION 17 ADDITIONAL INFORMATION					
OSHA permissible exposure limit or ACGIH threshold limit value has not been established.					
SECTION 18 HMIS LABEL					
HEALTH FLAMMABILITY REA	CTIVITY PERSONAL PROTECTION				
1 2	0 B				
	•				

DEPARTMENT OF TRANSPORTATION

Hazardous Materials Regulations, 49 CFR Non-hazardous

Proper Shipping Name:

proprietary co-solvent
Combustible liquid
111
None
None
Combustible liquid, 1993
60L/container
220L/container
Above or Below Deck

Ethyl Hydroxy Propionate /

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