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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 4.9 SDS Revision Date: 5/1/2018

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.1	Product Name:	SOLTRO	N® ENZYI	ME FUEL	<b>TREA</b>	TMENT	•						
2	Chemical Name:	Petroleum Dis											
3	Synonyms:	SP016, SP001	1, SP005, SP05	55									
ŀ	Trade Names:	Soltron <sup>®</sup> Enzyr											
5	Product Use:	Fuel Additive											
i	Distributor's Name:	GTR, Inc.											
,	Distributor's Address:	2500 Via Cabr	illo Marina, Ste	e. 100, San Pe	dro, CA 9	0731 USA							
	Emergency Phone:	INFOTRAC	: +1 (800) 5	35-5053									
)	Business Phone / Fax:	+1 (310) 548-4			818) 865-	9176							
0	Other Product Names:	Xbee <sup>®</sup> Enzyme			•								
							<b>-</b>						
		<b>,</b>		AZARDS I									
	Hazard Identification:	This product is					as <b>DAN</b> (	GEROU	IS GO	DDS ac	cording	g to th	ne classificati
		criteria of NOF					EDC AU			V 041	ICE A1		LEBOIC CK
		WARNING! M REACTION. 0		-	LLOWEL	AND ENI	EKS AII	RWAY	5. IVI <i>F</i>	IY CAL	ISE AI	N AL	LERGIC SK
		Classification:			=ve Irrit 2	PR							
2	Label Elements:		nents (H): H30		,		and ente	ers airw	avs	H317 –	Mav		
			gic skin reactio										
		Precautionary	Statements (F	P) P264 - Was	h hands	and expose	d skin a	reas wi	th soa	p and v	varm		
		water thoroug											
		P261 – Avoid											
		allowed out of											
		gloves/protecti											
		Immediately of											×
		P302+P352 -											
ļ		occurs: Get medical advice/attention. P321 – Specific treatment (see Section 4 of this Safety Data Sheet). P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove											
		Sheet) P305+	-P351+P338 -										
				IF IN EYES: R	inse caut	iously with v	vater for	severa	I minut	es. Rer	nove	<	
		contact lenses		IF IN EYES: R d easy to do. C	inse caut Continue r	iously with v insing. P33	vater for 37+P313	severa – If ey	l minut e irritat	es. Rer	nove sists:	<	(!)
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EMIC STIL DRC OPF	FAL NAME(S)  LATES (PETROLEUM)  DITREATED LIGHT  RIETARY ORGANIC  DUNDS	contact lenses Get medical a Dioxide, and V up. P501 – D facility.  In the event o center, who m product contai  3. CC  CAS No. 64742-47-8 Asp. Tox.1; Sk NA  Ingestion:  Eyes: Skin:	RTECS No.  OA5504000  In Sens. 1B; Eye NA  DO NOT INDL assistance and amount of thely product gets holding eyelid( use, consult a Remove conta	IF IN EYES: Rd easy to do. Co. P370+P378 ktinguish. P403 tents/container or medical inque from the U.S. hand. KEEP CO. P370+P378 ktinguish. P403 tents/container or medical inque from the U.S. hand. KEEP CO. P370 kterns of the P370 kterns of	inse cautions cautions cautions cautions cautions in case and cautions are cautions and cautions are cautions and cautions are cautions and cautions are cautions	iously with vinsing. P33 e of fire: Un a well-versed treatme ving this procedurer, and sizeACH OF (Control of the control of t	real of the time of time of the time of time of the time of ti	Severa  — If eye Chemic lace. P age, rec ease common this EXPOSING NOHSC  NF  O2 NF  Center of the common this luce the colors are given on this colors are given or this c	I minute irritate irritate al, Fo 405 — Expeling ontact a SDS.  ON  URE LIM  ESPEAK  NF  OF loca which the mederic is a commounts face be soap a soap	es. Rerion persam, Ca Store lo or disparation persam, Ca Store lo or disparation persample in the control of th	nove sists: rbon cked posal cian or cal adversal sists. R (mg/m³ SHA ppm reL III A N received when the certal was ention, er for a swoller er. If	vice is 333)  DLH NA  NA  NA  If v  at least n duri	OTHER MIST  One number to gested and to omiting occurst 15 minute ing or following omfort persis
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STIL DRO	FAL NAME(S)  LATES (PETROLEUM)  DITREATED LIGHT  RIETARY ORGANIC  DUNDS	contact lenses Get medical a Dioxide, and V up. P501 – D facility.  In the event o center, who m product contai  3. CC  CAS No. 64742-47-8 Asp. Tox.1; Sk NA  Ingestion:  Eyes: Skin:	RTECS No.  OA5504000  In Sens. 1B; Eye NA  DO NOT INDL assistance and amount of thely product gets holding eyelid( use, consult a Remove conta	IF IN EYES: Rd easy to do. Co. P370+P378 ttinguish. P403 tents/container or medical inque from the U.S. hand. KEEP COMMENTAL PARTIES No. 265-149-8 Irrit. 2B; Acute ANA  FIRST Ali ICE VOMITING di instructions. e substance to, keep victim's in the eyes, ff s) open to ens physician or eraminated cloth reaction worsen properly laur	inse caution inse caution inse caution in cast a store in cast a store in to licens in the insertion in cast at a store in cast at a store in cast a store in	iously with vinsing. P33 e of fire: Un a well-versed treatme ving this procedurer, and search of Control of Co	responsible to the control of the ting of the ting of the control of the	EXPOSIVOHECE  Center of me at value the below a region of several properties.	I minute irritate irritate al, Fo 405 – seveling ontact a SDS.  ON  URE LIM  ES-PEAK  NF  NF  Or loca which the mederisk of mounts face be soap as Do no	es. Rerion personnes. Rerion p	nove sists: rbon cked posal cian or cal adversal sists.  R (mg/m² SHA ppm reL III A N Ppm recal weention. er for a swoller er. If contam	vice is solution in the control of t	OTHER  MIST  One number in gested and to omiting occurrent to following or followin



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					*				
	1	_	4. FIRST AID MEASURES – cont'						
4.2	Effects of Exposure:	Exposure:  Ingestion: If product is swallowed, may cause gastrointestinal disturbance.  Eyes: Exposure to dust may cause eye irritation. Symptoms of overexposure may include redness, itching, irritation and watering.							
		Skin:	May be irritating to skin. The product can cause allergi some sensitive individuals.	c skin rea	ctions (e.g.,	rashes, welts	, derr	natitis) in	
	Inhalation: Coughing, wheezing, shortness of breath, impaired pulmonary function. Irritation or soreness nose and respiratory tract. Drowsiness, dizziness, headaches and nausea.								
4.3	Symptoms of Overexposure:	Ingestion:	Nausea, intestinal discomfort, vomiting and/or diarrhea.						
		Eyes: Skin:	Overexposure in eyes may cause redness, itching and w Symptoms of skin overexposure may include redness, it		d irritation of	affected area	s Th	e produc	
		OKIII.	can cause allergic skin reactions (e.g., rashes, welts, der				J. 111	o produc	
		Inhalation:	Coughing, wheezing, shortness of breath, impaired pulm and respiratory tract. Additionally, high concentration headaches and nausea.						
4.4	Acute Health Effects:	concentratio	y when used as directed. Moderate irritation to eyes a ns of dust can cause ccoughing, wheezing, shortness of throat, nose and respiratory tract.						
4.5	Chronic Health Effects:		when used as directed. Possible allergic dermatitis in sor	ne sensiti	ve individual	S.			
4.6	Target Organs:		Respiratory System, Central Nervous System (CNS)					_	
4.7	Medical Conditions Aggravated by Exposure:		dermatitis, other skin conditions, and disorders of the s (eyes, skin) or impaired kidney function may be more	HEALT				1	
			to the effects of this substance.		MABILITY			2	
					CAL HAZA			0	
					CTIVE EQ			X	
				EYES	SKIN	LUNGS			
			5. FIREFIGHTING MEASURES						
5.1	Fire & Explosion Hazards:	This materia	I can burn but will not readily ignite. However, if involve	d in a fire	e, this produc	ct may			
			at high temperatures to form toxic gases (e.g., CO, CO <sub>x,</sub> H		ns).				
5.2	Extinguishing Methods: Firefighting Procedures:		emical, Alcohol Foam. Use water spray to cool containers ners cool until well after the fire is out. Fight fires as for s			A - !		es a	
		full protective fire-exposed storage contentering sew bunker gear	ar MSHA/NIOSH approved self-contained breathing appare gear. Keep containers cool until well after the fire is consurfaces and to protect personal. Fight fire upwind. Avoig ainers because of danger of boil-over. Prevent runoff from vers, drains, drinking water supply, or any natural waterwater including NIOSH-approved positive pressure self-containst potential hazardous combustion or decompositive pressure self-containst potential hazardous combustion pressure self-containst potential hazardous combustion pressure self-containst potential hazardous combustion pressure self-containst pressure self-co	out. Üse v d spraying m fire con ay. Firefig ined brea	water spray to g water direct trol or dilution Inters must un thing appara	to cool tly into n from use full atus to	1	0	
			6. ACCIDENTAL RELEASE MEASUI	RES					
6.1	Spills:	Equipment.  For small s  Maximize ve absorbent m local, state a soap. Remo For large s material (e.g recovery or promptly an	ning any spill or leak, individuals involved in spill clean pills (e.g., < 1 gallon (3.8 L)) wear appropriate person entilation (open doors and windows) and secure all so naterial and place into appropriate closed container(s) for and federal regulations. Wash all affected areas and outleave any contaminated clothing and wash thoroughly before bills (e.g., $\geq$ 1 gallon (3.8 L)), deny entry to all unproted g., sand or earth). Use ONLY non-sparking tools for recordisposal and solid diking material to separate containers for dwash affected skin areas with soap and water. Keep soldies of water.	nal protect urces of disposal. Itside of contreuse. Ited indivivery and contrelled	tive equipme ignition. Re Dispose of container with duals. Dike cleanup. Tra disposal. Re	ent (e.g., gog emove spilled properly in ac n plenty of wa and contain nsfer liquid to move contam	ggles, mate ccorda arm w spill conta inated	, gloves). erial with ance with vater and with inert ainers for d clothing	
		7	. HANDLING & STORAGE INFORMA	TION					
7.1	Work & Hygiene Practices:	Do not eat, o	drink or smoke when handling this product. Handle as to	avoid pun				ntentiona	
7.1	Work & Hygiene Practices:  Storage & Handling:	Do not eat, or residues with Use and store sunlight. Av		avoid pun se. Avoid aust vent	contact with ilation, fans)	skin and cloth away from h	ning. eat a	and direct	



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		8. EXPOSURE CONTR			COUNT		OILG	IOI			T
8.1	Exposure Limits: ppm (mg/m³)		AC	GIH 		NOHSC ES-	ES-		OSHA		OTHER
	pp (g )	CHEMICAL NAME(S)	TLV	STEL	ES-TWA	STEL	PEAK	PEL	STEL	IDLH	
		DISTILLATES (PETROLEUM) HYDROTREATED LIGHT	(5)	NA	NF	NF	NF	(5)	NA	NA	MIST
8.2	Ventilation & Engineering Controls:	Use general/dilution or local exhaust									
	Controls.	Do not use in enclosed spaces. Wheen exhaust ventilation, fans). Ensure that									
8.3	Respiratory Protection:	Vaporization or misting is not expe			•					_	e to eyes.
	, ,	protection is not anticipated under no									
		concentrations above applicable wor	kplace e	exposure	levels are	e anticipa	ited, a NI	OSH-app	proved or	rganic	
		vapor respirator equipped with a dust									
		the type of respirator used. Respirator 1910.134).									
8.4	Eye Protection:	Wear protective eyewear (e.g., safet									
		Always use protective eyewear when or spraying is anticipated. Contact le									
		irritants. Have suitable eye wash wa									( E)
		under appropriate government standa									
8.5	Hand Protection:	Use gloves constructed of chemical-r									WWW.
		or prolonged contact is expected. If standards of Canada, or the EU mem	ber state	s.							
8.6	Body Protection:	Avoid prolonged and/or repeated s									
		neoprene or Tyvek®) if splashing or long-sleeves, apron, boots and addit									~~~
		Canada, the EU member states, or U.			don. II ne	ocosai y,	icici to a	opropriat	c starida	143 01	
		9. PHYSICAL 8	CHE	MICA	L PRO	PERT	IES				
9.1	Appearance: Odor:	Colorless transparent liquid.									
9.2	Odor Threshold:	Characteristic									
9.4	pH:	NA NA									
9.5	Melting Point/Freezing Point:	NA NA									
9.6	Initial Boiling Point/Boiling Range:	148.8°C – 290°C (298°F – 550°F)									
9.7	Flashpoint:	> 79 °C (174.2 °F)									
9.8	Upper/Lower Flammability Limits:	LEL: 0.6%-0.9% / UEL: 5.5%-6%									
9.9	Vapor Pressure:	0.1 mm Hg @ 20 °C									
9.10	Vapor Density:	4.5-5.0 (air = 1.0)									
9.11	Relative Density:	0.795-0.803g/cm <sup>3</sup> @ 15°C									
9.12	Solubility:  Partition Coefficient (log P <sub>ow</sub> ):	Negligible									
9.13	Autoignition Temperature:	NA 215°C-220°C (419°F-428°F)									
9.15	Decomposition Temperature:	NA									
9.16	Viscosity:	1.8 cSt – 1.92 cSt @ 40°C									
9.17	Other Information:	Volatile/volume 100%									
	I	1									
		10. STAB	ILITY	& RE	ACTIV	<b>ITY</b>					
10.1	Stability:	Stable under normal conditions; unsta									
10.2	Hazardous Decomposition Products:	Change in color signifies exposure to solution.	ultraviole	et light or	exceeding	g shelf life	e. Will not	degrade	to unsta	able pro	ducts. Discard
10.3	Hazardous Polymerization:	Will not occur.									
10.4	Conditions to Avoid:	Open flames, sparks, high heat, incon	npatible s	substance	es and dire	ect sunlig	ht.				
10.4	Incompatible Substances:	Avoid extreme heat and ignition source									



14.7

ADGR (AUS):

**NOT REGULATED** 

## SAFETY DATA SHEET

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		45 DECLUATORY INFORMATION						
	T	15. REGULATORY INFORMATION						
15.1	SARA Reporting Requirements:	This product does not contain a substance subject to SARA Title III, Section 313 reporting requirements						
15.2	SARA TPQ:	There are no specific Threshold Planning Quantities for the components of this product.						
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.						
15.4	CERCLA Reportable Quantity:	NA						
15.5	Other Federal Requirements:	This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA.						
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS Class B3, D2B (Combustible Liquid, Other Toxic Effects).						
15.7	State Regulatory Information:	No ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).						
15.8	Other Requirements:	This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to <a href="https://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>						
		16. OTHER INFORMATION						
16.1	Other Information:	DANGER! MAY BE HARMFUL IF SWALLOWED AND ENTERS AIRWAYS. MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES EYE IRRITATION. Wash hands and exposed skin areas with soap and warm water thoroughly after handling. Wear protective gloves/eye protection/face protection. Avoid breathing fume/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Specific treatment (see Section 4 of this Safety Data Sheet). IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. In case of fire: Use Dry Chemical, Foam, Carbon Dioxide, and Water Fog to extinguish. Store in a well-ventilated place. Store locked up. KEEP OUT OF REACH OF CHILDREN.						
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.						
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & GTR, Inc.'s knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.						
16.4	Prepared for:	GTR, Inc. 2500 Via Cabrillo Marina, Suite 100 San Pedro, CA 90731 USA Tel: +1 (310) 548-4456 Technical Support: +1 (818) 865-9176 www.soltron-gtr.com						
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com						



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### **DEFINITION OF TERMS**

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

#### **GENERAL INFORMATION:**

CAS No.	Chemical Abstract Service Number
RTECS No.	Registry of Toxic Effects of Chemical Substances Number
EINECS No.	European Inventory of Existing Commercial Chemical Substances Number

#### **EXPOSURE LIMITS IN AIR:**

ACGIH	American Conference on Governmental Industrial Hygienists		
IDLH	Immediately Dangerous to Life and Health		
NOHSC National Occupational Health and Safety Commission (Australia)			
OSHA	U.S. Occupational Safety and Health Administration		
PEL Permissible Exposure Limit			
STEL	Short Term Exposure Limit		
TLV	Threshold Limit Value		
TWA	Time Weighted Average		

#### FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person whose heart has
	stopped receives manual chest compressions and breathing to circulate blood
	and provide oxygen to the body.

#### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

#### **HEALTH, FLAMMABILITY & REACTIVITY RATINGS:**

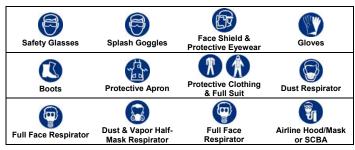
0	Minimal Hazard			
1	Slight Hazard			
2	Moderate Hazard			
3	Severe Hazard			
4	Extreme Hazard			



### PERSONAL PROTECTION RATINGS:

Α			
В			
С		型	
D		型	
Е			
F		The state of the s	

G				
Н				
ı				
J				
K	₹¶		A	
Х	Consult y special h	our supe andling d	rvisor or irections.	SOPs for



#### OTHER STANDARD ABBREVIATIONS:

Carc	Carcinogenic
Irrit	Irritant
NA	Not Available
NR	No Results
ND	Not Determined
NE	Not Established
NF	Not Found
SCBA	Self-Contained Breathing Apparatus
Sens	Sensitization
STOT RE	Specific Target Organ Toxicity – Repeat Exposure
STOT SE	Specific Target Organ Toxicity – Single Exposure

#### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:				
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition			
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source			
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source			

#### **HAZARD RATINGS:**

Minimal Hazard		FLAMMABILITY		
1	Slight Hazard			
2	Moderate Hazard	REACTIVITY		
3	Severe Hazard			
4	Extreme Hazard			
ACD	Acidic			
ALK	Alkaline			
COR	Corrosive	/ <b>\ \ \</b> \ <b>\</b>		
W	Use No Water	HEALTH		
ОХ	Oxidizer	SPECIAL		
TREFOIL	Radioactive	PRECAUTIONS		

#### TOXICOLOGICAL INFORMATION:

LD <sub>50</sub>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals  Lethal concentration (gases) which kills 50% of the exposed animal			
LC <sub>50</sub>				
ppm	Concentration expressed in parts of material per million parts			
TD <sub>io</sub>	Lowest dose to cause a symptom			
TCLo	Lowest concentration to cause a symptom			
TD <sub>Io</sub> , LD <sub>Io</sub> , & LD <sub>o</sub> or	Lowest dose (or concentration) to cause lethal or toxic effects			
TC, TC <sub>o</sub> , LC <sub>io</sub> , & LC <sub>o</sub>				
IARC	International Agency for Research on Cancer			
NTP	National Toxicology Program			
RTECS	Registry of Toxic Effects of Chemical Substances			
BCF	Bioconcentration Factor			
TL <sub>m</sub>	Median threshold limit			
log Kow or log Koc	Coefficient of Oil/Water Distribution			

### REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System				
DOT	U.S. Department of Transportation				
TC	Transport Canada				
EPA	U.S. Environmental Protection Agency				
DSL	Canadian Domestic Substance List				
NDSL	Canadian Non-Domestic Substance List				
PSL	Canadian Priority Substances List				
TSCA	SCA U.S. Toxic Substance Control Act				
EU	European Union (European Union Directive 67/548/EEC)				
WGK	Wassergefährdungsklassen (German Water Hazard Class)				

### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

0	<b>®</b>		<b>(2)</b>	$\Theta$	(%)		
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

#### CLP/GHS (1272/2008/EC) PICTOGRAMS:

			$\Diamond$			$\Diamond$		*
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment