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Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, GHS & EU Standards

SDS Revision: 1.0

		4.5	D00110		24111/			-104	<b>TIO</b>					
1.1	Product Name:			F & COMP	PANY	IDE	NIII	·ICA	IOI	<b>N</b>				
		<u> </u>	DAM CLI	EANER										
1.2	Chemical Name: Synonyms:	Aqueous S	olution ine EVA Foar	n Claanar										
1.4	Trade Names:	EVA Foam		n Cleaner										
1.5	Product Use:			foam flooring	and deck	s								
1.6	Distributor's Name:	Seipel Mar		Todin nooning	and doon									
1.7	Distributor's Address:	3879 North	Richards Str	eet, Milwaukee	e, WI 532	12US/	4							
1.8	1.8 Emergency Phone: PERS + 1 (800) 633-8253 / +1 (801) 629-0667 (CN 11168) NORTH AMERICA													
		POISON	CONTRO	L CENTRES	S: 0800	764	766 (	NZL)	// 13	11 2	6 (AI	JS)		
1.9	Business Phone / Fax:	Tel: +1 (41	4) 964-3668											
			2. HA	ZARDS II	DENT	IFIC	ATI(	)N						
2.1	Hazard Identification:									to co	mply v	ith OSI	HA 29 (	CFR 1910.1200.
				Australian Worl			•							
				SERIOUS EYE		TION.	CAUS	ES SK	(IN IRF	RITATI	ION.			
2.2	Label Elements:			2, Eye Irrit. 2A H315 – Cause		itation	L1210	Cal	1000.00	rious	ovo irr	itation		
				nts (P): P264+f										•
		and warm	water thorou	ighly after har	ndling. D	o NOT	touch	ı eyes	. P28	0 - W	ear p	otectiv	e	
				ng/eye protecti										
				after handling. - P332+P317										<b>\                                    </b>
				I clothing and v										
				water for seve								nd eas	y	•
2.3	Other Warnings:			P337+P317 -		ritation	persis	sts: Ge	t medic	cal hel	p.			
2.0	Outer Warnings.	KEEP OU	I OF REACH	OF CHILDRE	:IN									
		2 COI	MDOSITI	ON & ING	PENI	ENT	INIE		ллт	ON				
		3. COI	VIF OSITI		INLUI		1141	OKI			IMITS IN	I AIR (mg	n/m³\	
				NOHSC			OSHA	y/111 /						
						p	pm		ppm			ppm		
СНЕМІ	ICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	ES- TWA	ES- STEL	ES- PEAK	PEL	STEL	IDLH	OTHER
GLYC	OL ETHER DB		NA	203-961-6	5-10	NA	NA	NF	NF	NF	NA	NA	NA	
		Eye Irrit. 2A; H31	9 NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA	
ACRY	LIC COPOLYMER	INA II	NA .	INA	11-3	INA	INA	INI	INI	INI	INA	INA	INA	
	ETHYLENE GLYCOL		NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA	
TRIME	ETHYLNONYL ETHER	Skin Irrit. 2, Eye [			14.5	LAIA	LALA	LNE	NE	NE	LALA	LNA	NIA I	
1-ETH	IOXYNONANE	68439-46-3   I Eye Dam. 1; H31	NA 8	500-446-0	1-5	NA	NA	NF	NF	NF	NA	NA	NA	
MONO	DETHANOLAMINE		KJ5775000	205-483-3	0.5-1.5	3	6	(3)	7.5	NF	3	6	30	
MONC	DETHANOLAMINE	Acute Tox. Oral 4				1	1				1			
BASIC	C VIOLET 10 (CI 45170)	81-88-9	NA	201-383-9	< 0.01	NA	NA	NF	NF	NF	NA	NA	NA	
		<b>'</b>												
4.4	Time Aid			FIRST AII										
4.1	First Aid:	Ingestion:												of water or milk ve water or milk
														ergency number.
														of the substance
			that wa	s swallowed.						•				
		Eyes:										copiou	s amou	ınts of lukewarm
		Claim		or at least 15 m								ıkovvo	m wat-	or followed by -
		Skin:	thoroug	h washina of th	r product ne affecte	เธ บท เ ed area	ine ski with s	n, nnsc oab ar	ะ เมงเจ nd wate	ugniy er. If ir	witi II ritatior	ikewari i, redne	ın wate ess or s	er, followed by a welling persists,
				a physician im								,		
		Inhalation:	Remov	e victim to frest	h air at oi	nce.								
4.2	Effects of Exposure:	Ingestion:	Abdom	nal pain, stom	ach upse	t, naus	ea, vo	miting	and dia	arrhea	١.			
		Eyes:		g to the eyes.										
		<u>Skin</u> :									sult in	signific	ant irrit	ation. However,
		Inhalation		use an allergic n to the nose, t							evetor	n		
	1	<u>Inhalation</u> :	ппано	i to the nose, t	moat and	oulei	แจงนย	5 UI III	e respii	aiory	syster	11.		

**\$ SEIPEL'/MARINE** 

# **SAFETY DATA SHEET**

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			FIRST AID MEASURES – con	t'A			
	1	4.	FIRST AID MEASURES - COIL	ια			
4.3	Symptoms of Overexposure:	Ingestion: Eyes: Skin: Inhalation:	Signs/symptoms may include abdominal pain, Irritating to the eyes. Signs/symptoms may include hazy vision.  Contact with the skin during product use Signs/symptoms may include localized redness cause an allergic reaction in some sensitive in signs/symptoms may include redness, swelling Vapors of this product may be slightly irritating the system. Signs/symptoms may include cough, and nose and throat pain. Central Nervous Sysheadache, dizziness, drowsiness, incoordinat giddiness, and unconsciousness	is not expects, itching, dryin dividuals. Alle g, blistering, and to the nose, three sneezing, nastem (CNS) Dept.	swelling, pa ted to resul ig and cracki rgic skin rea d itching. toat and othe sal discharge pression: Sig	in, tearing, and t in significating of skin. H ction (non-ph r tissues of the p, headache, ns/symptoms	ant irritation owever, may oto induced re respiratory hoarseness, may include
4.4	Acute Health Effects:		ate irritation to eyes and skin near affected areas.  zziness, headaches and nausea.	Additionally, h	igh concentra	ations of vapo	ors can cause
4.5	Chronic Health Effects:	None known.					
4.6	Target Organs:		espiratory System, Central Nervous System (CNS				
4.7	Medical Conditions Aggravated by Exposure:		ermatitis, other skin conditions, and disorders of th (eyes, skin, and respiratory system).	FLAMMA PHYSICA	BILITY L HAZARI TIVE EQUI		0 0 B
		1		LIES	JKIN		
			5. FIREFIGHTING MEASURES	<u> </u>			
5.1	Fire & Explosion Hazards:	Non-flammahl	e. Use media as appropriate for surrounding fire.	<u>,                                     </u>			
5.2	Extinguishing Methods:		e, foam, water spray, Halon (if permitted), dry che	emical extingui	sher.		
5.3	Firefighting Procedures:	MSHA/NIOSH protective clot may produce be fought from	fire, firefighters should wear appropriate prot- approved or equivalent self-contained breat hing. Hazardous decomposition products may be oxides of carbon, and/or nitrogen, hydrocarbons a safe distance. Prevent runoff from fire control of g water supply, or any natural waterway.	thing apparatureleased. Theo and/or derivat	us (SCBA) mal degrada ives. Fire sh	and ition ould	0
		6. A	CCIDENTAL RELEASE MEASU	JRES			
6.1	Spills:	Equipment. For small spill Maximize ven absorbent ma	ng any spill or leak, individuals involved in spill on sp	rsonal protecti Il sources of i r(s) for disposa	ve equipmer gnition. Rer al. Dispose	nt (e.g., gogg nove spilled of properly in	gles, gloves). material with accordance
		For <u>large spills</u> material (e.g., containers for contaminated	move any contaminated clothing and wash thorous (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprobentonite, vermiculite, or commercially available recovery or disposal and solid diking material to clothing promptly and wash affected skin areas wall sewers and open bodies of water.	ughly before re otected individual le inorganic al o separate col	euse. luals. Dike a bsorbent ma ntainers for p	and contain s terial). Tran proper dispos	sfer liquid to sal. Remove
		For large spill material (e.g., containers for contaminated out of municip	<u>s</u> (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unpr bentonite, vermiculite, or commercially available recovery or disposal and solid diking material to clothing promptly and wash affected skin areas w	ughly before re otected indivic le inorganic al o separate con vith soap and v	euse. luals. Dike a bsorbent ma ntainers for p	and contain s terial). Tran proper dispos	sfer liquid to sal. Remove
7.1	Work & Hygiene Practices:	For large spill material (e.g., containers for contaminated out of municip  7. HA  Do not eat, di breathing of va	g (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unpr bentonite, vermiculite, or commercially available recovery or disposal and solid diking material to clothing promptly and wash affected skin areas wall sewers and open bodies of water.	ughly before resolved individue inorganic also separate convith soap and variable.  ATION  posed areas to describe the soap and s	duals. Dike a bsorbent mantainers for particular. Keep horoughly will wash hands	and contain sterial). Transproper disposspills and cle	sfer liquid to sal. Remove aning runoff water. Avoic g, and before
7.1	Work & Hygiene Practices:  Storage & Handling:	For large spill material (e.g., containers for contaminated out of municip  7. HA  Do not eat, di breathing of vieating. Avoid to avoid dust.	s (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprobentonite, vermiculite, or commercially available recovery or disposal and solid diking material to clothing promptly and wash affected skin areas wall sewers and open bodies of water.  **NDLING & STORAGE INFORM** Tink or smoke when using this product. Wash exapors, mists or spray. Avoid prolonged or repeated.	aghly before resolved individual inorganic also separate convith soap and variable.  ATION  posed areas tild skin contact. Inachining. Wear. Store away	euse. duals. Dike a bsorbent ma ntainers for p vater. Keep horoughly wi Wash hands hen polishing	and contain s terial). Tran proper dispos spills and cle th soap and after handling g with produc	esfer liquid to sal. Remove aning runoffs water. Avoic g, and before t, keep mois



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8.1	Exposure Limits:	EXPOSURE CONTR		CGIH	1	NOHSC	<u> </u>		OSHA		OTHER
0.1	ppm (mg/m³)			- Com	ES-	ES-	ES-		USITA		OTILER
		CHEMICAL NAME(S)	TLV	STEL	TWA	STEL	PEAK	PEL	STEL	IDLH	
8.2	Ventilation & Engineering Controls:	MONETHANOLAMINE	3	6	(3)	7.5	NF Mhan III	3	6	30	sist at all times
0.2	vertilation & Engineering Controls.	Provide appropriate local exh Use in an enclosed process a	aust ventilia irea is reco	alion on o mmended	pen com 1 lise in	amers. a well-v	vvnen u: ventilate	sing kee darea [	p me pi	oduct III	onstat all times.
		areas with little or no air move		mineriace	ı. 030 iii	a won-v	Cittiate	u arca. L	JO HOL C	isc iii a c	onlined area of
8.3	Respiratory Protection:	Avoid breathing of vapors, mi		v. No spe	ecial rest	iratory i	orotectio	n is real	uired un	der	
		typical circumstances of use	e or handl	ing. If r	necessar	y, use .	only res	spiratory	protect	tion	
		authorized per U.S. OSHA's									
		regulations, or the appropriat	e standard	ls of Can	ada, its	province	s, E.C.	membe	states	, or	
8.4	Eve Protection:	Australia.  Avoid eye contact. Wear safe	ty alaccas	If nococc	ary rofo	r to II S	OSHV (	O CED 8	1010 1	22	
0.4	Lyc i rotection.	Canadian standards, or the El				10 0.5.	00117	29 01 10	31310.1	33,	3)
8.5	Hand Protection:	Avoid skin contact. Select ar				ve cloth	ina to p	revent sl	kin cont		
		based on the results of an ex	xposure as	sessment	. Consul	t with yo	our glov	e and/or	protect	ive	
		clothing manufacturer for sele									
		following material(s) are reco							OSHA	29	
8.6	Body Protection:	CFR §1910.138, the appropriation is							andling	If .	
0.0	Body i rotostom	necessary, refer to appropriate									
		7, 11 1		-	,	_		, -	-	ı	
		9. PHYSICAL 8	& CHE	ЛІСАL	PRO	PERT	IES				
9.1	Appearance:	Clear pink liquid	-								
9.2	Odor:	Mild coconut, lemon odor.									
9.3	Odor Threshold:	NA									
9.4	pH:	NA									
9.5	Melting Point/Freezing Point:	NA									
9.6	Initial Boiling Point/Boiling Range:	100 °C (212 °F)									
9.7	Flashpoint:	NA	NA								
9.8	Upper/Lower Flammability Limits:	NA									
9.9	Vapor Pressure: Vapor Density:	17.5 mm @ 25 °C (77 °F)									
9.10	Relative Density:	· · · · · · · · · · · · · · · · · · ·	1.1 (Air = 1.0)								
9.12	Solubility:	1.20	. 22 °E								
9.13	Partition Coefficient (log Pow):	Moderately soluble in water @ NA	) 32 F								
9.14	Autoignition Temperature:	NA									
9.15	Decomposition Temperature:	NA									
9.16	Viscosity:	NA									
9.17	Other Information:	Evaporation Rate: Negligible /	// VOC: 0.0	%							
	•										
		10. STAE	BILITY .	& REA	CTIV	ΙΤΥ					
10.1	Stability:	Stable under ambient conditio					7. Stora	ige and I	Handling	g)	
10.2	Hazardous Decomposition Products:	If exposed to extremely high t									ation vapors and
		nitrogen and carbon oxide gas						'			·
10.3	Hazardous Polymerization:	Hazardous polymerization will									
10.4	Conditions to Avoid:	High temperatures and incom	patible sub	stances.							
10.5	Incompatible Substances:	Strong oxidizing agents.									
		44 TOYIOO		A		A TIO					
	1	11. TOXICO	LOGICA				N				
11.1	Routes of Entry:	Inhalation: YES			sorption:						<u>ES</u>
11.2	Toxicity Data:	This product has NOT been te	sted on ani	mals to ob	otain toxi	cology d	ata. To	kicology	data, fo	und in sc	ientific literature
		is available for some of the co Glycol Ether DB: LD <sub>50</sub> (oral, ra									
11.3	Acute Toxicity:	See Section 4.4	ii.j = 470 fff	g/ <b>kg</b> , LC <sub>50</sub>	(IIIIIaiall	O(1 411, 1	ai) – 430	, ppill			
11.4	Chronic Toxicity:	See Section 4.4 See Section 4.5									
11.5	Suspected Carcinogen:	Glycol Ether DB ACGIH: A3 –	confirmed	animal ca	rcinogen	with un	known r	elevance	to hum	nans	
11.6	Reproductive Toxicity:	This product is not reported to						SIS VALIDO	o mun		
	Mutagenicity:	This product is not reported to									
	Embryotoxicity:	This product is not reported to					S.				
	Teratogenicity:	This product is not reported to									
	Reproductive Toxicity:	This product is not reported to									



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		44 TOVICOLOGICAL INFORMATION CONTIN				
	I	11. TOXICOLOGICAL INFORMATION – cont'd				
11.7	Irritancy of Product:  Biological Exposure Indices:	The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon pro	olonged or repeated exposure.			
11.9	Physician Recommendations:	NA Treat symptomatically.				
	T Tryotolar T Todolini T Tada a Color	Treat Symptomatically.				
	12. ECOLOGICAL INFORMATION					
12.1	Grysor Earlor BB: E050 Britio Orining (reterms samina); hadpin, 1,000,000 pg/E mortality, water temperature 24 0					
12.2	Effects on Plants & Animals:	There are no specific data for this product. The following data is available for the following data data data data data data data dat				
		Polyethylene Glycol Trimethylnonyl Ether: LC50 (Pimephales promelas (fathead minne magna, water flea) = 3.1 mg/L. M = 0. Rapidly degradable.	ow) = 3.5 mg/L; LC50 (Daphnia			
		1-Ethoxynonane: LC50 (Pimephales promelas fathead minnow) = 8.5 mg/L; EC50 (Da	anhnia magna water flea) = 5.3			
		mg/L. M = 0. Rapidly degradable.	aprilia inagina, mater ilea) — ete			
		These ingredients are NOT classified as harmful to the aquatic environment per GHS				
12.3	Effects on Aquatic Life:	information go to https://www.epa.govt.nz/database-search/chemical-classification-ar				
12.3	Ellects on Aquatic Life:	There are no specific data available for this product; however, very large releases of fatal to overexposed aquatic life.	this product may be harmful or			
		13. DISPOSAL CONSIDERATIONS				
13.1	Waste Disposal:	Waste disposal must be in accordance with appropriate Federal, state, and local regu	lations.			
13.2	Special Considerations:	Reclaim product if feasible. As a disposal alternative, dispose of waste product in				
		chemical waste.				
		14. TRANSPORTATION INFORMATION				
The desc	basic description (ID Number, riptive information may be req	proper shipping name, hazard class & division, packing group) is shown for each mod uired by 49 CFR, IATA/ICAO, IMDG and the CTDGR.	e of transportation. Additional			
14.1	49 CFR (GND):	NOT REGULATED				
14.2	IATA (AIR):	NOT REGULATED				
14.3	IMDG (OCN):	NOT REGULATED				
14.4	TDGR (Canadian GND):	NOT REGULATED				
14.5	ADR/RID (EU):	NOT REGULATED				
14.6	SCT (MEXICO):	NOT REGULATED				
14.7	ADGC (AUS):	NOT REGULATED				
		15. REGULATORY INFORMATION				
15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, Section 313 re	eporting requirements.			
15.2	SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this produce	ct.			
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.				
15.4	CERCLA Reportable Quantity (RQ):	NA				
15.5	Other Federal Requirements:	This product does not contain any substances identified as Hazardous Air Pollutants (				
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and contains all of the information required by the CPR. The components of this product				
		on the DSL/NDSL. None of the components of this product are listed on the Priorities S				
		List.				
15.7	State Regulatory Information:	Monoethanolamine is found on the following state criteria list(s): Florida Toxic Substa				
		Hazardous Substances List (MA), Minnesota Hazardous Substances List (MN), New Pennsylvania Right-to-Know List (PA) and Washington Permissible Exposures List (William)				
		No other hazardous ingredients in this product, present in a concentration of 1.0% or g	The state of the s			
		following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality I				
		Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michiga	n Critical Substances List (MI),			
		Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), Ne List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures L				
		List (NY), Perinsylvania Right-to-Know List (PA), Washington Permissible Exposures L   Substances List (WI).	ior (vva), vviscolisiii Hazaruous			
15.8	Other Requirements:	This product does not contain any chemicals known to the State of California to caus	se cancer or other reproductive			
		harm. For more information go to www.P65Warnings.ca.gov	·			



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		16. OTHER INF	ORMATION			
16.1	Other Information:	WARNING! CAUSES SERIOUS EYE IRR	WARNING! CAUSES SERIOUS EYE IRRITATION. CAUSES MILD SKIN IRRITATION.			
		touch eyes. Wear protective gloves/protecthoroughly after handling. For specific first occurs: Get medical help. Take off contaminations.	Use as directed. Wash hands and exposed skin areas with soap and warm water thoroughly after handling. Do NOT touch eyes. Wear protective gloves/protective clothing/eye protection. IF ON SKIN: Wash with soap and warm water thoroughly after handling. For specific first aid treatment (see section 4 of this Safety Data Sheet). If skin irritation occurs: Get medical help. Take off contaminated clothing and wash it before reuse. IF IN EYES - Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists: Get medical help.			
		KEEP OUT OF REACH OF CHILDREN.				
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.				
16.3	Disclaimer:	government regulations must be reviewed f knowledge, the information contained herei completeness is not guaranteed and no v information contained herein relates only to	to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other or applicability to this product. To the best of ShipMate's & Seipel Marine's n is reliable and accurate as of this date; however, accuracy, suitability or varranties of any type, either expressed or implied, are provided. The the specific product(s). If this product(s) is combined with other materials, ed. Data may be changed from time to time. Be sure to consult the latest			
16.4	Prepared for:	Seipel Marine 3879 North Richards Street Milwaukee, WI 53212 Tel: +1 (414) 964-3668 https://www.seipelmarine.com	SEIPEL°/MARINE			
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	ShipMate  Dangerous Goods Training & Consulting			



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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	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		
ပ		
D		
Е		
F		

G				
Н				
I				
J			<b>T</b>	
K	The state of the s			<b>(</b>
X	Consult y	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			

#### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

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

#### **HAZARD RATINGS:**

0	Minimal Hazard	FLAMMABILITY
1	Slight Hazard	. =
2	Moderate Hazard	REACTIVITY
3	Severe Hazard	
4	Extreme Hazard	
ACD	Acidic	
ALK	Alkaline	
COR	Corrosive	/ <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				
LC <sub>50</sub>	Lethal concentration (gases) which kills 50% of the exposed animal				
ppm	Concentration expressed in parts of material per million parts				
TD <sub>io</sub>	TD <sub>lo</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, TCo, LCio, & LCo					
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	U.S. Toxic Substance Control Act				
EU	European Union (European Union Directive 67/548/EEC)				
WGK	Wassergefährdungsklassen (German Water Hazard Class)				

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

			$\Diamond$			<b></b>		<b>(</b>
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment