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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & EU Standards SDS Revision: 5.1 SDS Revision Date: 10/8/2024

1.1	Droduot Name:		PRODUCT											
	Product Name:	DEOXIT	® SHIELD S	S-SERIES	i, 100°	% So	luti	on, (۱ %(OC	(P/I	N S10	00L)	
.2	Chemical Name:	NA									-			
.3	Synonyms:	DeoxIT® SHI	ELD S-Series; PN	N S100L										
.4	Trade Names:		IELD S100L Part											
		Part No. S100L-2C, S100L-2CP, S100L-B2C, S100L-CPK (2 ml); Part No. S1												
			Part No. S100L-2DB (7.4 ml) Part No. S100L-12C (12 ml) Part No. S100P (6 ml) Part No. S100L-P6C (6 ml)										(25 ml)	
														e wipe)
		Part No. S50	vv (50 wipes) 0FW-3X3 (100 wi	ines)		No. S50 No. S10						o. S100 o. S100		3 (100 wipes)
			0L-12 (354 ml)	ipcs)		No. S10								PE (384 ml)
			0L-16 (472 ml)			No. S10						o. S100		
		Part No. S10			Part	No. S10	00L-5	5Ġ (55	gál)			o. S100		
.5	Product Use:	Lubricant, Pro	tectant and Seal	ant for electro	nic conta	cts & co	nnec	tors						
.6	Distributor's Name:	CAIG Laborat	tories, Inc.											
.7	Distributor's Address:	12200 Thatch	er Court, Poway,	CA 92064-68	76 USA									
8	Emergency Phone:	CHEMTRE	C: +1 (703) 5	27-3887 //	+1 (800) 424-	930	0 (CC	N20	5206)			
.9	Business Phone / Fax:	+1 (800) 224-	4123											
			2 HV.	ZARDS II	DENIT	IEICA	TIC	146						
1	Hazard Identification:	Prepared in a	accordance with						nded t	o com	oly wit	h OSH	A 20 C	`ER 1010 120
			ISR and Australia						iucu l	o com	Piy Wil	UUN	~ 23 C	/ IX I J I U. I Z (
			% solution is non-											
			CAUSES EYE IR											
		_	: Eye Irritant 2B											
.2	Label Elements:	Hazard State	ments (H): H320	– Causes eve	irritation									
			Statements (P):	,			r han	dlina	P305-	₽351.	+D338	_ IF IN	ı NC) PICTOGRA
			cautiously with										•	REQUIRED
			Continue rinsing.									one and	•	
.3	Other Warnings:		F REACH OF CI			•				•				
			-											
		3. C(OMPOSITIO	ON & ING	REDI	ENT I	INF	ORN	/IAT	ION				
											IMITS IN	I AIR (mg	/m³)	
						ACC	IH I		NOHSC			OSHA		
						ACGI								
						ppm			ppm			ppm		
	ICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	ppm TLV	n STEL	ES- TWA	ppm ES- STEL	ES- PEAK	PEL		IDLH	OTHER
eox	IT® SHIELD S-Series	NA	NA	NA	% 100	ppm	n	ES-	ppm ES-	ES-	PEL NA	ppm	IDLH NA	OTHER
eox	IT® SHIELD S-Series	NA		NA		ppm TLV	n STEL	ES- TWA	ppm ES- STEL	ES- PEAK		ppm STEL		OTHER
еох	IT® SHIELD S-Series	NA	NA No. Non-Hazardou	NA s/Proprietary	100	TLV :	STEL NA	ES- TWA	ppm ES- STEL	ES- PEAK		ppm STEL		OTHER
eox	IT® SHIELD S-Series	NA	NA No. Non-Hazardou	NA	100	TLV :	STEL NA	ES- TWA	ppm ES- STEL	ES- PEAK		ppm STEL		OTHER
eox 100	IT® SHIELD S-Series	NA	NA No. Non-Hazardou 4. F If ingested, do	NA s/Proprietary FIRST AIL not induce v	D MEA	TLV NA	STEL NA	ES- TWA NF	ppm ES- STEL NF	ES- PEAK NF	NA red, d	STEL NA	NA enty of	f water or m
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.1 .2	T® SHIELD S-Series L First Aid: Effects of Exposure:	NA REACH Reg. Ingestion: Eyes: Skin: Inhalation: Eyes: Skin: Inhalation:	NA No. Non-Hazardou 4. F If ingested, do IMMEDIATELY. unconscious per estimate of the swallowed. Splashes are no for at least 15 m Wash thoroughly least 15 minutes Remove victim tratificial respirati If product is swa Moderately irritar watering. May be irritating some sensitive in None expected.	PRST AIE not induce v If the patient rson. Contact time at whic t likely howev inutes lifting u y with soap an of fresh air at c on. Keep per llowed, may c ting to the ey to skin. The ndividuals.	D MEA romiting. is vomit the near h the m er, if proopper and d water. once. If the son warm ause nau es. Sym	If procing, conrest Pois aterial voluct gets I lower lid In case or eathing n, quiet a usea, von aptoms con can cau	ES duct tinue son C vas in the dds, one of cc	has beto offectorial to to offectorial to the eyes occasion on tact, and the eyes occasion of tact, and tact and tact are tact, and tact, and tact, and tact, are tact, and tact, are tact, and tact, and tact, are tact, and tact, are tact, are tact, and tact, are tact, are tact, and tact, are ta	een seen seen seen seen seen seen seen	wallower or mr or loo the am with or diately er oxystention hea.	red, d nilk. N cal em amoun copiou flush : gen. I	rink ple lever gi lergenc t of the s amou skin wit	enty of ve wat y number substants of the plent sing store, itchir	f water or miler or milk to ber. Provide tance that we lukewarm was by of water for ops give
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.1 .2	T® SHIELD S-Series L First Aid: Effects of Exposure:	NA REACH Reg. Ingestion: Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Ingestion:	NA No. Non-Hazardou 4. F If ingested, do IMMEDIATELY. unconscious per estimate of the swallowed. Splashes are no for at least 15 m Wash thoroughly least 15 minutes Remove victim to artificial respirati If product is swa Moderately irrita watering. May be irritating some sensitive in None expected. Nausea, intestin	PIRST AII not induce v If the patient son. Contact time at whice t likely however inutes lifting u y with soap an to fresh air at con. Keep per tllowed, may co ting to the ey to skin. The individuals. al discomfort, in eyes may ca tin overexpose	D MEA romiting. is vomit the near h the m er, if proopper and d water. once. If the son warm ause nates. Sym product vomiting use redn ure may	If procing, conrest Pois aterial we duct gets lower lid In case oreathing n, quiet a usea, vor aptoms of can cau and/or cess, itch include	STEL NA LES duct tinue con C vas in the ds, occord color of color of color and g difficient distributions are all diarrhing a rednerment of the color of co	has be to offer control ingested in e eyes coasion ontact, and et medical and/or exposition and waters, items items.	een ser wate Cented and s, flush immedially. immedially. immedially. immedially.	wallower or mr or loo the am with or diately er oxyettention thea. hay incompact the amount of the a	red, doilk. No cal emumoun copiou flush:	rink ple lever gi lergence t of the s amou skin wit f breath redness	NA enty of ve wat y number substants of the plent sing stores, itchirds, welt ected a	f water or mater or mile to be per Provide tance that we lukewarm was by of water for the per give and the per give areas. Frosti
.1 .2	T® SHIELD S-Series L First Aid: Effects of Exposure:	NA REACH Reg. Ingestion: Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Ingestion: Eyes: Inhalation:	NA No. Non-Hazardou 4. F If ingested, do IMMEDIATELY. unconscious per estimate of the swallowed. Splashes are no for at least 15 m Wash thoroughly least 15 minutes Remove victim to artificial respirati If product is swa Moderately irrita watering. May be irritating some sensitive in None expected. Nausea, intestin Overexposure in Symptoms of sk	PIRST AII not induce v If the patient son. Contact time at whice t likely however inutes lifting u y with soap an to fresh air at con. Keep per tllowed, may co ting to the ey to skin. The individuals. al discomfort, in eyes may ca tin overexpose	D MEA romiting. is vomit the near h the m er, if proopper and d water. once. If the son warm ause nates. Sym product vomiting use redn ure may	If procing, conrest Pois aterial we duct gets lower lid In case oreathing n, quiet a usea, vor aptoms of can cau and/or cess, itch include	STEL NA LES duct tinue con C vas in the ds, occord color of color of color and g difficient distributions are all diarrhing a rednerment of the color of co	has be to offer control ingested in e eyes coasion ontact, and et medical and/or exposition and waters, items items.	een ser wate Cented and s, flush immedially. immedially. immedially. immedially.	wallower or mr or loo the am with or diately er oxyettention thea. hay incompact the amount of the a	red, doilk. No cal emumoun copiou flush:	rink ple lever gi lergence t of the s amou skin wit f breath redness	NA enty of ve wat y number substants of the plent sing stores, itchirds, welt ected a	f water or miler or mile to ber. Provide tance that we lukewarm was by of water for ops give
.1 .2	T® SHIELD S-Series L First Aid: Effects of Exposure:	NA REACH Reg. Ingestion: Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Ingestion: Eyes: Skin: Inhalation:	NA No. Non-Hazardou 4. F If ingested, do IMMEDIATELY. unconscious per estimate of the swallowed. Splashes are no for at least 15 m Wash thoroughly least 15 minutes Remove victim to artificial respirati If product is swa Moderately irrita watering. May be irritating some sensitive in None expected. Nausea, intestin Overexposure in Symptoms of sk like symptoms.	PIRST AIE not induce v If the patient son. Contact time at whice t likely however inutes lifting u y with soap an or fresh air at con. Keep per Illowed, may co ting to the ey to skin. The individuals. al discomfort, in eyes may ca tin overexposi The product	on MEA romiting. is vomit the near the me er, if proc pper and d water. once. If the son warn ause nat es. Sym product vomiting use redn ure may can cau	If procing, con rest Pois aterial which was a lower lid in case or eathing in, quiet a usea, vor aptoms of can cau and/or cless, itch include use allergeness.	STEL NA Guct tinue con C vas in the ds, oco of cc gudifficand gumiting of over a se all diarrhing a redning a consistency difficult of the second second control of the second	has be to offer control ingested in e eyes coasion ontact, cult, acted medical and waters, its kin real	een ser wate Cented and and relative to the ser water the	wallower or mr or loo the am with or diately er oxyettention thea. hay incompact the amount of the a	red, doilk. Notal emanoun copiou flush: selude residude residuation rashe	rink ple lever gi lergence t of the s amou skin wit f breath redness , rashe	enty of ve wat y number substants of the plent sing store, itchird, welt ected as, deri	f water or mater or mile to be per or milk to be per or mater or material to the per or milk to the per or mil



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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & EU Standards SDS Revision: 5.1 SDS Revision Date: 10/8/2024

	T		AID MEASU							
1.5	Chronic Health Effects:	Non-irritating when used as direct May also induce skin sensitization	cted. Overexposu and respiratory h	ure may trigger sypersensitivity	r asthma-like s r. Possible alle	symptoms in rgic dermatiti	some s.	sensiti	ve indiv	idua
.6	Target Organs:	Eyes, Skin.								
.7	Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other ski	the HEALT	HEALTH				•		
	riggiarated by Exposure.	target organs (eyes, skin).			FLAMN	FLAMMABILITY				
					PHYSIC	CAL HAZAF	ns.			(
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					EYES	SKIN			l	
		5. FIRE	FIGHTING N	//EASURE	ES					
5.1	Fire & Explosion Hazards:	This product is not flammable. He temperatures to form toxic gases (d in a fire, this	product may o	lecompose a	t high			
.2	Extinguishing Methods:	Water, Foam, CO ₂ , Dry Chemical.	Use water spray	to cool unoper	ned containers.					
	Firefighting Procedures:	Fight fires for surrounding materials. As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear. Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. Fight fire upwind. Avoid spraying water directly into storage containers because of danger of boil-over. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies.				0				
		6. ACCIDEN	TAL RELEA	SE MEAS	SURES					
				nt including glo						
		material such as vermiculite or sa water or a material such as "spe plastic brooms, shovels, dustpans Large Spills: Keep incompatible or release. Isolate immediate haz done with minimal risk. Wear app	and to soak up the edy dry" to soak of s) and place into a materials (e.g., or card area and keep propriate protective	e product and pup material. So plastic contain ganics such as punauthorized e equipment income.	place it into a of Sweep up mater or plastic lines oil) away from the personnel out cluding respiration.	container for erial using no er within ano n spill. Stay of area. Sto	later on spather control In spill In spill	disposa arking n containe d and a or rele	al. Do no naterials er. away fro ase if it o	ot u (e. m s can
.1	Work & Hygiene Practices:	material such as vermiculite or sa water or a material such as "spe plastic brooms, shovels, dustpans Large Spills: Keep incompatible or release. Isolate immediate haz done with minimal risk. Wear app	and to soak up the edy dry" to soak of	e product and up material. Signature plastic contain ganics such as punauthorized e equipment incomplete.	place it into a of Sweep up material or plastic lines oil) away from the personnel out cluding respiration.	container for erial using no er within ano n spill. Stay of area. Sto tory protectio	later on spa ther coupwing p spill n as c	disposa arking n containe d and a or rele condition	nl. Do no naterials er. away fro ase if it o ns warra	ot u (e. m s can int.
.1	Work & Hygiene Practices:	material such as vermiculite or sa water or a material such as "spe plastic brooms, shovels, dustpans Large Spills: Keep incompatible or release. Isolate immediate haz done with minimal risk. Wear app	and to soak up the edy dry" to soak up the soak up and place into a materials (e.g., or ard area and keep propriate protective. & STORAG handling this product to the soak up	e product and up material. Signature plastic contain ganics such as punauthorized e equipment incomplete plastic when us the product. When us	place it into a of Sweep up material or plastic lines oil) away from the personnel out cluding respiration. MATION sed as intended.	container for erial using no er within ano n spill. Stay of area. Sto tory protectio	later of the control	disposa arking n containe d and a or rele condition	al. Do no naterials er. away fro ase if it ons warra	ot u (e. m s can int.
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.1 .3.2 .3.3	Storage & Handling: Special Precautions: Exposure Limits: ppm (mg/m³) Ventilation & Engineering Controls: Respiratory Protection:	material such as vermiculite or sa water or a material such as "spe plastic brooms, shovels, dustpans Large Spills: Keep incompatible or release. Isolate immediate haz done with minimal risk. Wear appoint of the processary. We chemical goggles use and store in a cool, dry, we sunlight. Avoid temperatures about damage. Clean all spills promptly. Spilled material mechanical (e.g., fans) exhaust ventilation to effectively product. Ensure appropriate decorates where dusts of this proprotection authorized by 29 CFR Standard Z94.4-93 and applicable Avoid eye contact. None required	and to soak up the edy dry" to soak up to so and place into a materials (e.g., organd area and keep propriate protective. **STORAG** **BATORAG** **ASTORAG** **Analling this prode if eye contact is publicated location of the product are general and prevential may present and prevential may present and prevential to enter and prevential t	e product and pup material. Signatic contain ganics such as punauthorized e equipment incomplete the public on (e.g., local away from incomplete the public on sufficient a slipping have been to build up of the public of the pu	place it into a of Sweep up material properties of plastic lines oil) away from the personnel out cluding respirar in the properties of particular properties of the propertie	container for erial using noter within anount spill. Stay of area. Stotory protection of a residues with lation, fans) ances. Protection of a residues with lation, fans) ances. Protection of a residue spill and the spill and the spill area of a residue of the Canar States, or Area could be a residue ation in some	later of constant and the constant and properties of the const	in the harmonia when sitive	al. Do no naterials er. away fro ase if it on swarra e equipmarm water and s from photos or the state of the	m s can int. men dirinysi



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

SDS Revision: 5.1

SDS Revision Date: 10/8/2024

		9. PHYSICAL & CHEMICAL PROPERTIES
9.1	Appearance:	Light blue
9.2	Odor:	Ethereal / hydrocarbon odor
9.3	Odor Threshold:	NA
9.4	pH:	NA NA
9.5	Melting Point/Freezing Point:	NA NA
9.6	Initial Boiling Point/Boiling Range:	>220 °C (428 °F)
9.7	Flashpoint:	>250 °C (482 °F)
9.8	Upper/Lower Flammability Limits:	NA NA
9.9	Vapor Pressure:	< 0.1 mm Hg @ 20 °C (68 °F)
9.10	Vapor Density:	NA
9.11	Relative Density:	0.884
9.12	Solubility:	Soluble
9.13	Partition Coefficient (log Pow):	NA NA
9.14	Autoignition Temperature:	NA NA
9.15	Decomposition Temperature:	NA NA
9.16	Viscosity:	5.4-7.5 cSt @ 104 °F
9.17	Other Information:	NA NA
		10. STABILITY & REACTIVITY
10.1	Stability:	Stable under normal conditions unstable with heat or contamination.
10.2	Hazardous Decomposition Products:	Oxides of carbon (CO, CO ₂).
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Open flames, sparks, high heat, incompatible substances and direct sunlight.
10.5	Incompatible Substances:	Avoid extreme heat and ignition sources. Store away from oxidizers.
		44 TOWARD COLORS WITCH THE TOWARD TO THE TOWARD THE TOW
		11. TOXICOLOGICAL INFORMATION
	Routes of Entry:	Inhalation: YES Absorption: YES Ingestion: NO
	Routes of Entry: Toxicity Data:	Inhalation: YES Absorption: YES Ingestion: NO This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, i
11.2		Inhalation: YES Absorption: YES Ingestion: NO This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, i available for some of the components of the product and is not presented in this document.
11.2	Toxicity Data:	Inhalation: YES Absorption: YES Ingestion: NO This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, i available for some of the components of the product and is not presented in this document. Moderate irritation to eyes and skin near affected areas.
11.2 11.3 11.4	Toxicity Data: Acute Toxicity:	Inhalation: YES Absorption: YES Ingestion: NO This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, i available for some of the components of the product and is not presented in this document.
11.2 11.3 11.4 11.5	Toxicity Data: Acute Toxicity: Chronic Toxicity:	Inhalation: YES Absorption: YES Ingestion: NO This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, available for some of the components of the product and is not presented in this document. Moderate irritation to eyes and skin near affected areas. This material may aggravate any pre-existing skin condition (e.g., dermatitis). No.
11.2 11.3 11.4 11.5	Toxicity Data: Acute Toxicity: Chronic Toxicity: Suspected Carcinogen:	Inhalation: YES Absorption: YES Ingestion: NO This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, available for some of the components of the product and is not presented in this document. Moderate irritation to eyes and skin near affected areas. This material may aggravate any pre-existing skin condition (e.g., dermatitis). No. This product is not reported to produce reproductive toxicity in humans.
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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & EU Standards SDS Revision Date: 10/8/2024 SDS Revision: 5.1 14. TRANSPORTATION INFORMATION The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. 49 CFR (GND): **NOT REGULATED** 14.2 IATA (AIR): **NOT REGULATED** 14.3 IMDG (OCN): NOT REGULATED 14.4 TDGR (Canadian GND): **NOT REGULATED** ADR/RID (EU): 14.5 **NOT REGULATED** SCT (MEXICO): 14.6 **NOT REGULATED** ADGR (AUS): 14.7 **NOT REGULATED** 15. REGULATORY INFORMATION SARA Reporting Requirements: 15.1 This product does not contain any substances 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 TSCA Inventory Status: 15.3 The components of this product are listed on the TSCA Inventory or are otherwise exempt. 15.4 CERCLA Reportable Quantity: NA 15.5 Other Federal Requirements NA 15.6 Other Canadian Regulations: This product has been classified according to the hazard criteria of the Controlled Products Regulations (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. 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). This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information go to www.P65Warnings.ca.gov. Other Requirements: 15.8 NΑ 16. OTHER INFORMATION WARNING! CAUSES EYE IRRITATION. 16.1 Other Information: Use only as directed. Avoid contact with eyes. In case of accident or if you feel unwell seek medical advice immediately (show the label where possible). If skin irritation occurs: Get medical help. KEEP OUT OF REACH OF CHILDREN. Terms & Definitions: 16.2 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 & CAIG Laboratories, 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. CAIG Laboratories, Inc. 16.4 Prepared for: 12200 Thatcher Court Poway, CA 92064-6876 Tel: +1 (800) CAIG-123 (244-4123) Fax: +1 (858) 486-8398 fax http://www.caig.com/ 16.5 Prepared by: ShipMate, Inc. P.O. Box 787

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SDS-E-S100L

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

SDS Revision: 5.1

SDS Revision Date: 10/8/2024

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

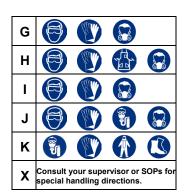
HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

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



PERSONAL PROTECTION RATINGS:

Α			
В			
С		THE STATE OF THE S	
D		H.	
Е			
F		H.	





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

FLAMMABILI	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:

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

TOXICOLOGICAL INFORMATION:

LD ₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC ₅₀	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TDio	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD _{io} , LD _{io} , & LD _o 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
TLm	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			(*
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment