

Γ

## SAFETY DATA SHEET

Page 1 of 5 SDS-E-GLFS104

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 3.0 SDS

SDS Revision Date: 2/19/2015

1.1	Product Name:			T & COM							04				
			.ABS™ MI	СКОРНО	NE SA	NIII	ZEF	K (P/	n Gi	LS-1	1048	a), 4	οz		
1.2	Chemical Name:	NA													
1.3	Synonyms:	NA													
1.4	Trade Names:	Goby Labs™ Microphone Sanitizer, PN GLS-104													
1.5	Product Uses & Restrictions:	Sanitizer for Microphones													
1.6	Distributor's Name:	CAIG Laboratories, Inc.													
1.7	Distributor's Address:	12200 Thatcher Court, Poway, CA 92064-6876 USA													
1.8	Emergency Phone:	<sup>10:</sup> CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300 (CCN XXXXX)													
1.9	Business Phone / Fax:	+1 (800) 224		021 00017		/ 12 1	000				<b>y</b>				
		11 (000) 22-	1120												
			2. H/		DENT	FIC/	ΑΤΙΟ	ON							
2.1 Hazard Identification: This product is classified as a HAZARDOUS SUBSTANCE but NOT as DANGEROUS GOODS according to the classification criteria of NOHSC: 1088 (2004) and ADG Code (Australia). WARNING! MAY CAUSE AN ALLEGIC SKIN REACTION. CAUSES EYE IRRITATION. <u>Classification</u> : Skin Irrit. 1; Eye Irrit 2 <u>Hazard Statements</u> (H): H317 – May cause an allergic skin reaction. H220 – Causes eye irritation. <u>Precautionary Statements</u> (P): P264 – Wash thoroughly after handling. P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333+P313 – If skin irritation or rash occurs: Get medical advice/attention. P337+P313 – If eye irritation persists: Get medical advice/attention.							<u>}</u>								
		3. C	OMPOSIT	<b>ON &amp; INC</b>	GREDI	ENT	INF	ORN	ΙΑΤΙ	ON					
											IMITS I	N AIR (	mg/m³)		
						ACC	GIH		NOHSC			OSH	A		
						рр	m		ppm			ppm			
			D7500 V				0751	ES-	ES-	ES-		075			
HEM	ICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%		STEL	TWA		PEAK	PEL	STEI	-		OTHER
VATI	ER	7732-18-5	ZC0110000	231-791-2	60-100	NA	NA	NF	NF	NF	NA	NA	NA		
		67-63-0	NT8050000	200-661-7	1-5	400	500	400	500	NF	400	500	2000	400 T	<b>M</b> /A
SOP	ROPYL ALCOHOL		Skin Irrit. 3; Eye li					400	300	INI	400	500	2000	400 1	WA .
		8001-54-5	BO3150000	NA	< 0.1	NA	NA	NF	NF	NF	NA	NA	NA		
BENZ	ALKONIUM CHLORIDE	-	; Skin Corr. 1B; A							INI	INA	INA	INA		
		NA	NA	NA	< 0.1	NA	NA	NF	NF	NF	NA	NA	NA		
RAC	GRANCE (PARFUM)			10/1	< 0.1	INA.	11/7		INI	INI	IN/A	IN/A	INA		
		NA	NA	NA	< 0.1	NA	NA	NF	NF	NF	NA	NA	NA		
COLC	DRANT				< 0.1	11/1	1 1/ 1				11/1	1.1/1	14/3		
			٨	FIRST AI											
	1			-			_								
4.1	First Aid:	Ingestion: Eves: Skin: Inhalation:	swallowed.	f. If the patier erson. Contact the time at whith not likely; how ast 15 minutes hly with soap a es. to fresh air at	nt is vomit ct the nea ch the m vever, if p lifting upp nd water. once. If t	ing, co rest Po aterial roduct er and In cas	ontinue vison C was i gets lower se of c ng diffi	e to off Control ingeste in the lids, of ontact, cult, ad	er wate Cente ed and eyes, ccasior immed	er or r r or lo l the flush nally. diately	nilk. ocal er amou with o / flush /gen.	Never merge nt of copiou	give v ncy nu the su is amo with ple	vater or mber. bstance ounts of enty of	• milk to a Provide a e that wa f lukewan water for a
	Effects of Exposure:	Ingestion:	If product is sv												
4.2				· · · · · · · · · · · · · · · · · · ·								redne	ss. itc	hina. iri	ritation ar
4.2		Eves:	Moderatelv irr	tating to the e	ves. Svm	ptoms	of ov	erexpo	sure n	nav in	clude			3,	
4.2		<u>Eyes:</u>	Moderately irr watering.	tating to the e	yes. Syn	ptoms	of ov	erexpo	sure n	nay in	clude				
4.2		<u>Eyes:</u> Skin:	watering.	0		•								elts, de	ermatitis)
1.2				ng to skin. Th		•								elts, de	ermatitis)
1.2			watering. May be irritati	ng to skin. The individuals.		•								elts, de	ermatitis)
	Symptoms of Overexposure:	Skin: Inhalation:	watering. May be irritation some sensitive None expected	ng to skin. The individuals.	e product	can ca	ause a	llergic						elts, de	ermatitis)
		Skin: Inhalation: Ingestion:	watering. May be irritati some sensitive None expecte Nausea, intest	ng to skin. The individuals. d. inal discomfort	e product	can ca	ause a	llergic	skin re					elts, de	ermatitis)
4.2		Skin: Inhalation:	watering. May be irritatii some sensitive None expecter Nausea, intest Overexposure Symptoms of like symptoms	ng to skin. The individuals. d. inal discomfort in eyes may ca skin overexpos	e product , vomiting ause redn sure may	and/or ess, itc	ause a r diarrh ching a e redn	llergic nea. and wa	skin re tering. ching,	and in	ns (e.ç	g., ras	hes, w	d areas	. Frostb
		Skin: Inhalation: Ingestion: Eyes: Skin: Non-irritating	watering. May be irritatii some sensitive None expecter Nausea, intest Overexposure Symptoms of like symptoms individuals. g when used as	ng to skin. The individuals. d. inal discomfort in eyes may c skin overexpos s. The produc directed. M	e product , vomiting ause redn sure may tt can cau oderate in	and/or ess, itc include ise alle	ause a r diarrh ching a e redn ergic s	llergic nea. and wa ess, it skin rea	skin re tering. ching, actions	and in and in and in	rritatic	g., ras	hes, w	d areas ermatit	. Frostb is) in sor
4.3	Symptoms of Overexposure:	Skin: Inhalation: Ingestion: Eves: Skin: Non-irritating concentratio	watering. May be irritatii some sensitive None expecter Nausea, intest Overexposure Symptoms of like symptoms individuals.	ng to skin. The individuals. d. inal discomfort in eyes may c skin overexpos s. The produc directed. M	e product , vomiting ause redn sure may tt can cau oderate in ness, dizz	and/or ess, itc include ise alle	ause a r diarrh ching a e redn ergic s n to e heada	llergic nea. and wa ess, it skin rea yes ar ches a	skin re tering. ching, actions nd skin nd nau	and in and in (e.g.	rritatic , rash	g., ras	hes, w affected relts, d reas.	d areas ermatiti Additio	. Frostb is) in sor onally, hi



7.3

8.1

8.2

8.3

8.4

8.5

8.6

Hand Protection:

Body Protection:

### CALETA DATA CHEET

Page 2 of 5

	LABORATORIES, INC.	ATORIES, INC. SAFELT DATA SHEET				SDS-E-GLFS104		
Prepa	,	NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards	SDS Revision: 3.0	SDS Revision	Date: 2/19/2015			
		4. FIRST AID ME	ASURES					
4.6	Target Organs:	Eyes						
4.7	Medical Conditions Aggravated by Exposure: Pre-existing dermatitis, other skin conditions, and disorders of the HEALTH							
	33	target organs (eyes).	FLAMM			0		
				AL HAZARDS		0		
					IENT	Α		
			EYES					
		5. FIREFIGHTING N	IEASURES					
5.1	Fire & Explosion Hazards:	This product is not flammable. However, if involve temperatures to form toxic gases (e.g., CO, CO <sub>x</sub> ).	d in a fire, this product may d	ecompose at hig	h			
5.2	Extinguishing Methods:	Water, Foam, CO <sub>2</sub> , Dry Chemical. Use water spray	to cool unopened containers.					
5.3	Firefighting Procedures:	Fight fires as for surrounding materials. As in any fi breathing apparatus (pressure-demand) and full pr	otective gear. Keep contain	ers cool until we				
		after the fire is out. Use water spray to cool fire-e	posed surfaces and to protect	ct personal. Figh	nt 🚺 🚺	0		
		fire upwind. Avoid spraying water directly into stor Prevent runoff from fire control or dilution from en				Y		
		any natural waterway. Firefighters must use full b						
		pressure self-contained breathing apparatus to pro						
		decomposition products and oxygen deficiencies.						
		6. ACCIDENTAL RELEA	SE MEASURES					
6.1	Spills:	Before cleaning any spill or leak, individuals inv	olved in spill cleanup must	wear appropriat	e Personal Prot	otective		
		Equipment. For <u>small spills</u> (e.g., < 1 gallon (3.8 L)) wear	appropriate personal protecti	ve equipment (	a aogales al	loves)		
		Maximize ventilation (open doors and windows).	Remove spilled material w	ve equipment (	aterial and plac	ce into		
		appropriate closed container(s) for disposal. Dispo	se of properly in accordance v	with local, state a	ind federal regula	ations.		
		Wash all affected areas and outside of container clothing and wash thoroughly before reuse.	with plenty of warm water a	and soap. Rem	ove any contam	ninated		
		For <u>large spills</u> (e.g., $\geq$ 1 gallon (3.8 L)), deny en	ntry to all unprotected individ	uals. Dike and	contain spill wit	th iner		
		material (e.g., sand or earth). Transfer product	to containers for recovery o	r disposal and s	solid diking mate	erial to		
		separate containers for proper disposal. Remove				as with		
		soap and water. Keep spills and cleaning runoffs of	ut of municipal sewers and op	en boales of wat	eı.			
		7. HANDLING & STORAG	E INFORMATION					
7.1	Work & Hygiene Practices:	Do not eat, drink, or smoke while handling this proc						
		combustible materials. Avoid contamination from a covered. Wash unintentional residues with soap and		dust and organi	c materials. Kee	ep bulk		
7.2	Storage & Handling:	Use and store in a cool, dry, well-ventilated location		tion, fans). Keer	away from exc	cessive		
		heat and open flames. Avoid temperatures above 1						
		from physical damage.						

Special Precautions: Spilled material may present a slipping hazard if left unattended. Clean all spills promptly.

special hazard; soft lenses may absorb and concentrate irritants.

impervious plastic gloves.

and water.

#### 8. EXPOSURE CONTROLS & PERSONAL PROTECTION OSHA Exposure Limits: ACGIH NOHSC OTHER ES-STEL ppm (mg/m<sup>3</sup>) ES-ES-STEL PEAK STEL CHEMICAL NAME(S) тιν PFI IDI H TWA ISOPROPYL ALCOHOL 400 500 400 500 NF 400 500 2000 400 TWA Ventilation & Engineering When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure Controls: that an eyewash station, sink or washbasin is available in case of exposure to eyes. Respiratory Protection: No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia. Eye Protection: Wear protective eyewear (e.g., safety glasses with side-shield) at all times when handling this

product. Always use protective eyewear when cleaning spills or leaks. Contact lenses pose a

None required under normal conditions of use. However, may cause skin irritation in some

sensitive individuals. When handling large quantities (e.g., ≥ 1 gallon (3.8 L)), wear rubber or

No apron required when handling small quantities. When handling large quantities (e.g., ≥ 1

gallon), eye wash stations and deluge showers should be available. Upon completion of work activities involving large quantities of this product, wash any exposed areas thoroughly with soap



### SAFETY DATA SHEET

Page 3 of 5 SDS-E-GLFS104

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 3.0

SDS Revision Date: 2/19/2015

		9. PHYSICAL & CHEMICAL PROPERTIES
9.1	Appearance:	Light red liquid
9.2	Odor:	Fresh apple scent
9.3	Odor Threshold:	NA
9.4	pH:	NA
9.5	Melting Point/Freezing Point:	NA
9.6	Initial Boiling Point/Boiling Range:	NA
9.7	Flashpoint:	ND
9.8	Upper/Lower Flammability Limits:	ND
9.9	Vapor Pressure:	NA
9.10	Vapor Density:	NA
9.11	Relative Density:	NA
9.12	Solubility:	Soluble
9.13	Partition Coefficient (log Pow):	NA
9.14	Autoignition Temperature:	NA
9.15	Decomposition Temperature:	NA
9.16	Viscosity:	NA
9.17	Other Information:	NA
		10. STABILITY & REACTIVITY
10.1	Stability:	This product is stable.
10.2	Hazardous Decomposition	Oxides of carbon (CO, CO <sub>2</sub> ) and sulfur (SO <sub>2</sub> ). Liberation of gas my result in dangerous pressure.
10.3	Products: Hazardous Polymerization:	
10.3	Conditions to Avoid:	Will not occur. Excessive heat and incompatible materials.
10.4	Incompatible Substances:	Avoid extreme heat and ignition sources. Store away from oxidizers.
10.0	moonpalble oubstances.	Avoid extreme field and Ignition sources. Store away from oxidizers.
		11. TOXICOLOGICAL INFORMATION
11.1	Routes of Entry:	Inhalation: YES Absorption: YES Ingestion: YES
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is
11.2	Toxicity Bala.	available for some of the components of the product and is not presented in this document.
11.3	Acute Toxicity:	Moderate irritation to eyes and skin near affected areas.
11.4	Chronic Toxicity:	This material may aggravate any pre-existing skin condition (e.g., dermatitis).
11.5	Suspected Carcinogen:	This product contains <u>Isopropyl Alcohol</u> , which is not carcinogenic to humans, but is listed as a Group 3 by IARC.
11.6	Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.
44 7	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.
11.7	Irritancy of Product:	The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure.
11.8 11.9	Biological Exposure Indices: Physician Recommendations:	NE Tract comptant to the
11.5	Filysician Recommendations.	Treat symptomatically.
		12. ECOLOGICAL INFORMATION
12.1	Environmental Stability:	The components of this product will slowly degrade over time into a variety of organic compounds. Specific
		environmental data available for the components of this product are as follows:
		Isopropyl Alcohol: Log K <sub>OW</sub> = 0.05-0.14. Isopropyl alcohol occurs naturally; it is generated during microbial degradation
		of plant and animal wastes. When released on land or water, it is apt to volatilize and biodegrade. The estimated half-
40.0	Effects on Disets 9 Animala	life in water is 5.4 days. Isopropyl Alcohol is not expected to bioconcentrate.
12.2 12.3	Effects on Plants & Animals:	There are no specific data available for this product.
12.3	Effects on Aquatic Life:	This material should be kept out of sewage and drainage systems and all bodies of water
		13. DISPOSAL CONSIDERATIONS
13.1	Waste Disposal:	Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate
		disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and
		federal laws and regulations. Contact the appropriate agency for specific information. Treatment, transport, storage and
L		disposal of hazardous waste must be provided by a licensed facility or waste hauler.
13.2	Special Considerations:	NA
L		



# SAFETY DATA SHEET

Page 4 of 5 SDS-E-GLFS104

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 3.0

SDS Revision Date: 2/19/2015

		14. TRANSPORTATION INFORMATION						
The	basic description (ID Nun	ber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional						
		e required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.						
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 14.7	SCT (MEXICO): ADGR (AUS):	NOT REGULATED						
14.7	ADGIT (A03).	NOT REGULATED						
		15. REGULATORY INFORMATION						
15.1	SARA Reporting Requirements:	This product contains Isopropanol a substances subject to SARA Title III, section 313 reporting requirements.						
15.2	SARA Threshold Planning Quantity:	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	(RQ): 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:	Isopropanol is found on the following state criteria lists: California OSHA Hazardous Substances List (CA), Massachusetts Hazardous Substances List (MA), Michigan, Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), and Washington Permissible Exposures List (WA). No other 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:	The primary components of this product are not listed in Annex I of EU Directive 67/548/EEC: Irritant (Xi). <u>Risk Phrases</u> : (R) 36 – Irritating to eyes. <u>Safety Phrases</u> : (S) 2-25-45 – Keep out of reach of children. Avoid contact with eyes. In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).						
40.4	Others by farmer firms	16. OTHER INFORMATION						
16.1	Other Information:	WARNING! MAY CAUSE AN ALLEGIC SKIN REACTION. CAUSES EYE IRRITATION. For external use only. Use only as directed. Discontinue use immediately if irritation develops Keep away from children. Keep container tightly closed in a cool place. When using do not eat or drink. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. If case of accident or if you feel unwell seek medical advice immediately (show the label where possible). KEEP LOCKED UP AND 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 & 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.						
16.4	Prepared for:	CAIG Laboratories, Inc.   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   Sisters, Oregon 97759-0787 USA   Tel: +1 (310) 370-3600   Fax: +1 (310) 370-5700   http://www.shipmate.com						



### SAFETY DATA SHEET

Page 5 of 5 SDS-E-GLFS104

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 3.0

SDS Revision Date: 2/19/2015

### **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

#### EXPOSURE LIMITS IN AIR:

ACGIH	American Conference on Governmental Industrial Hygienists				
C	Ceiling Limit				
ES Exposure Standard (Australia)					
IDLH Immediately Dangerous to Life and Health					
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.

### HMIS-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard	HEALTH
1	Slight Hazard	FLAMMABILITY
2	Moderate Hazard	PHYSICAL HAZARDS
3	Severe Hazard	PERSONAL PROTECTION
4	Extreme Hazard	

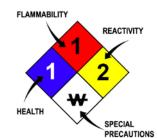
#### PERSONAL PROTECTION RATINGS:

B 🕞 🕥 H 🕞 🕻									
C 🕞 🚯 🏠 I 🕞 🕻									
D 🚯 🚯 🚯									
Е 🕞 🕦 🚱 🥂 🚱 (									
	r supervisor or SOPs for Iling directions.								
Safety Glasses Splash Goggles Face Shield & Protective Eyewear	Gloves								
Boots Synthetic Apron	Dust Respirator								
Full Face Respirator	Airline Hood/Mask or SCBA								
OTHER STANDARD ABBREVIATIONS:									
ML Maximum Limit									
mg/m3 milligrams per cubic meter									
NA Not Available									
ND Not Determined									
NE Not Established									
NF Not Found									
NR No Results									
ppm parts per million									
SCBA Self-Contained Breathing Apparatus									

#### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

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

#### HAZARD RATINGS: 0 Minimal Hazard 1 Slight Hazard 2 Moderate Hazard 3 Severe Hazard 4 Extreme Hazard 4 Extreme Hazard ACD Acidic ALK Alkaline COR Corrosive W Use No Water OX Oxidizer



#### TOXICOLOGICAL INFORMATION:

TREFOIL Radioactive

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>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, 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
TLm	Median threshold limit
log Kow or log Koc	Coefficient of OilWater Distribution

#### **REGULATORY INFORMATION:**

NEODE/III				
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				
NOHSC National Occupational Health and Safety Commission (Australia)				
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)			
HMIS-III	National Paint & Coatings Association Hazardous Materials Identification System			

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

$\bigcirc$	۲			Ð	۲		Ĩ		
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F		
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive		

#### EC (67/548/EEC) INFORMATION:

		×	¥	8	<b>®</b> X	×	×							
С	Е	F	Ν	0	т	Xi	Xn							
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful							

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

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