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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 5.0 SDS Revision Date: 5/31/2022

1.1	Draduat Name:	1	PRODUCT								
	Product Name:		D-SERIE	S, 100%	Soluti	on, 0% \	<u>/OC (P</u>	<u>/N D1</u>	00L)		
.2	Chemical Name:	NA									
.3	Synonyms:	DeoxIT® D-Series; PN D100L									
.4	Trade Names:	DeoxIT® D100L Part Numbers: Part No. D100L-2C, D100L-2CP, D100L-B2C, D100L-CPK (2 ml);									
			L-2C, D100L-2 L-58D (2.3 ml);			-CPK (2 mi) 0L-2DB (7.4		Port	No Din	n 12€ (1	2 ml):
		Part No. D100				0P (6 ml);	IIII <i>)</i> ,	Part No. D100L-12C (12 ml); Part No. D100L-P6C (6 ml);			
		Part No. D1W				W (50 wipes));			FW (50 wi	
			W-3X3 (100 wi _l	pes); Part	No. D10)FW-3X3 (10	0 wipes);	Part	No. D100)L-2 (59 m	nl);
		Part No. D100				0L-12 (354 m				DL-13 (384	
		Part No. D100 Part No. D100	L-13HPE (384)			0L-16 (472 m 0L-55G (55 g				0L-32 (944 0L-SWP1	
.5	Product Use:	Deoxidize & im					jai)	ı ait	140. D 100	OL-SVVI I	0
6	Distributor's Name:	CAIG Laborato		C COMIACIS & C	OTTRECTOR	o.					
7	Distributor's Address:	12200 Thatche		. CA 92064-6	876 USA						
8	Emergency Phone:	CHEMTRE				1 424-930	(CCN2	05206)			
.9	Business Phone / Fax:	+1 (800) 224-4		21 0001 7	- 1 (000	, 121 000	(00112	00200)			
		. (666) 22									
			2. HA	ZARDS I	DENT	IFICATION OF THE PROPERTY OF T	NC				
.1	Hazard Identification:	This product is	s classified as	a HAZARDO	OUS SUF	STANCE b	ıt NOT a	s DANG	FROUS	GOODS	according
		classification c	riteria of NOHS	SC: 1088 (200	04) and <i>A</i>	DG Code (A	ustralia).	DeoxIT	® 100% s	solution is	non-volati
		non-flammable		`	,	,	,				
		WARNING! C	AUSES EYE IF	RRITATION.							
		Classification: I	Eye Irritant 2B								
.2	Label Elements:	Hazard Statem	<u>ients</u> (H): H320	- Causes eye	e irritation	•					
		Precautionary	Statements (P)	: P264 – Was	h thoroug	hly after han	dling. P3	05+P351	+P338 –	IF IN	
		EYES: Rinse of									
^	Other Marie and	easy to do. Co	ntinue rinsing.	P337+P313 -	- If eye irr	itation persis	ts: Get me	dical adv	ice/attent	tion.	
.3	Other Warnings:	KEEP OUT OF	REACH OF C	HILDREN							
				<u> </u>							
		3. 00	MPOSITI	ON & INC	KEDI	ENI INF					
		EXPOSURE LIMITS IN AIR (mg/m³)									
						ACGIH		ISC	0	SHA	
						ACGIH ppm	NOF			DSHA ppm	
						ppm	NOF	m S- ES-	- 1	ppm	
	ICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	% 100	ppm TLV STEL	NOF PP ES- ES TWA ST	m S- ES- EL PEAK	PEL S	ppm TEL IDLI	
	ICAL NAME(S) IT® D-Series D100L	NA	NA	NA	% 100	ppm	NOF	m S- ES-	PEL S	ppm	
	• •	NA		NA		ppm TLV STEL	NOF PP ES- ES TWA ST	m S- ES- EL PEAK	PEL S	ppm TEL IDLI	
	• •	NA	NA lo. Non-Hazardou	NA us/Proprietary	100	TLV STEL NA NA	PP	m S- ES- EL PEAK	PEL S	ppm TEL IDLI	
eox	• •	NA REACH Reg. N	NA lo. Non-Hazardou 4.	NA us/Proprietary	100 D MEA	TLV STEL NA NA	PP	S- ES- EL PEAK	PEL ST	ppm TEL IDLH NA NA	
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SDS-E-D100L

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 5.0 SDS Revision Date: 5/31/2022 4. FIRST AID MEASURES - cont'd 4.5 Chronic Health Effects: Non-irritating when used as directed. Overexposure may trigger asthma-like symptoms in some sensitive individuals. May also induce skin sensitization and respiratory hypersensitivity. Possible allergic dermatitis. 4 6 Target Organs: Eyes, Skin. 4.7 Medical Conditions Pre-existing dermatitis, other skin conditions, and disorders of the **HEALTH** 1 Aggravated by Exposure: target organs (eyes, skin). **FLAMMABILITY** 0 PHYSICAL HAZARDS 0 PROTECTIVE EQUIPMENT В SKIN **EYES** 5. FIREFIGHTING MEASURES 5.1 Fire & Explosion Hazards: This product is not flammable. However, if involved in a fire, this product may decompose at high temperatures to form toxic gases (e.g., CO, CO_x). Extinguishing Methods: Water, Foam, CO₂, Dry Chemical. Use water spray to cool unopened containers. 5.3 Firefighting Procedures: Fight fires as 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 6. ACCIDENTAL RELEASE MEASURES Spills Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. Plastic or rubber gloves, respirator, eye protection and apron may be required for clean-up of large spills. Small Spills: Wear appropriate protective equipment including gloves and protective eyewear. Use a non-combustible material such as vermiculite or sand to soak up the product and place into a container for later disposal. Do not use water or a material such as "speedy dry" to soak up material. Sweep up material using non-sparking materials (e.g., plastic brooms, shovels, dustpans) and place into a plastic container or plastic liner within another container. Large Spills: Keep incompatible materials (e.g., organics such as oil) away from spill. Stay upwind and away from spill or release. Isolate immediate hazard area and keep unauthorized personnel out of area. Stop spill or release if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant. 7. HANDLING & STORAGE INFORMATION 7.1 Work & Hygiene Practices: Do not eat, drink or smoke when handling this product. When used as intended, no additional protective equipment is necessary. Use chemical goggles if eye contact is possible. Wash unintentional residues with soap and warm water. 7.2 Storage & Handling: Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans) away from heat and direct sunlight. Avoid temperatures above 120 °F. Keep away from incompatible substances. Protect containers from physical damage. 7.3 Special Precautions: Clean all spills promptly. Spilled material may present a slipping hazard. **EXPOSURE CONTROLS & PERSONAL PROTECTION** Exposure Limits: ACGIH NOHSC OSHA OTHER ppm (mg/m³) CHEMICAL NAME(S) TLV STEL **ES-TWA** STEL PEAK PEL STEL IDLH NA NA NA NA NA 8 2 Ventilation & Engineering General mechanical (e.g., fans) or natural ventilation is sufficient when this product is in use. Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station) 8.3 Respiratory Protection: No special respiratory protection is required under typical circumstances of use or handling. In instances where dusts of this product are generated, and respiratory protection is needed, use only protection authorized by 29 CFR §1910.134, applicable U.S. State regulations, or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or Australia. 8.4 Eye Protection: Avoid eye contact. None required under normal conditions of use. Safety glasses could be used when handling or using large quantities of this product. None required under normal conditions of use. However, may cause skin irritation in some sensitive 8.5 Hand Protection: individuals. When handling large quantities (e.g., ≥ 1 gallon (3.8 L)), wear rubber, nitrile or impervious 8.6 Body Protection: No apron required when handling small quantities. When handling large quantities (e.g., ≥ 5 lbs), 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 and water.



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		9. PHYSICAL & CHEMICAL PROPERTIES				
9.1	Appearance:	Light red				
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 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				
		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.				
	1.4 Conditions to Avoid: Open flames, sparks, high heat, incompatible substances and direct sunlight.					
10.4 10.5	Conditions to Avoid: Incompatible Substances:	Open flames, sparks, high heat, incompatible substances and direct sunlight. Avoid extreme heat and ignition sources. Store away from oxidizers.				
10.4						
10.4						
10.4		Avoid extreme heat and ignition sources. Store away from oxidizers.				
10.4	Incompatible Substances:	Avoid extreme heat and ignition sources. Store away from oxidizers. 11. TOXICOLOGICAL INFORMATION				
10.4 10.5	Incompatible Substances: Routes of Entry:	Avoid extreme heat and ignition sources. Store away from oxidizers. 11. TOXICOLOGICAL INFORMATION Inhalation: YES Absorption: YES Ingestion: NO This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is				
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16.5

Prepared by:

SAFETY DATA SHEET

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SDS-E-D100L

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 5.0 SDS Revision Date: 5/31/2022 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. MIS Class D2B (Other Toxic Effects) State Regulatory Information: 15.7 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 NA 16. OTHER INFORMATION 16 1 Other Information: WARNING! CAUSES EYE IRRITATION. 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 advice/attention. 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

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Page 5 of 5 SDS-E-D100L

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

SDS Revision: 5.0

SDS Revision Date: 5/31/2022

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

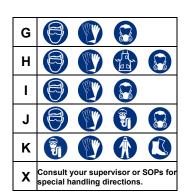
HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

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	
ALK	Alkaline	
COR	Corrosive	── / ▼ ₩ У
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
TD _{Io}	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	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	WGK Wassergefährdungsklassen (German Water Hazard Class)		

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

0	((2)	(\odot	®		
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	KI COLONIA		\Diamond		*
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment