

Page 1 of 5 SDS-E-D100L

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

SDS Revision: 4.1

SDS Revision Date: 1/30/2016

1.1	Product Name:			F & COMP							10	_		
		DEOXIT® I	D-SEKIE	:5, 100%	Solut	ion, (P/N	טועו	UL),	U %	/0	C		
3	Chemical Name: Synonyms:	NA	DeoxIT® D-Series; PN D100L											
3 4	Trade Names:		,		14001 00	D D400	al Da	C D40	OL CDI	(). D	.IT®	D400I	0.0	red (Deut Ne
	Trade Names.	DeoxIT® D100L, 2 D100L-58D); Dec	z mi (Part No xIT® D100L	7.4 ml (Part N	In. D100L	-2DB)	JL-B∠ Deox	טוע , טוע IT® D10	0L-CPr 101 . 12	ml (Pa	rt No	וטטדע D10. D10.	_, ∠.3 0I -12(mi (Part No. C)· DeoxIT®
		D100L, 25 ml (Pa	rt No. D100l	L-25C); Deoxl7	Γ® D100L	, 59 ml	(Part	No. D1	00L-2);	Deoxl	® D	100L, :	236 m	l (Part No.
		D100L-8); DeoxI7												
.5	Product Uses & Restrictions:	944 ml (Part No.						L-8G);	DeoxIT	[®] D100	L, 55	5 Gal.	(Part	No. D100L-55G
6	Distributor's Name:	Clean, Deoxidize CAIG Laboratorie		ectronic Cont	acts & C	onnecto	rs							
7	Distributor's Address:	12200 Thatcher (/ CA 92064-68	R76 USA									
8	Emergency Phone:	CHEMTREC:				1 424-	9300) (CCI	N XXX	(XX)				
9	Business Phone / Fax:	+1 (800) 224-412	_ , ,	<u> </u>	(000	,	0000	, (00.	1700					
		111 (000) 221 112												
			2. HA	ZARDS II	DENT	IFIC	TIC	N						
1	Hazard Identification:	This product is c							s DAN	GERO	JS G	SOOD	S	
		according to the								ustralia	a).			
		DeoxIT [®] , 100% s WARNING! CAU			-hazardo	us and r	non-fla	ammab	le.					
		Classification: Ey		RRITATION.										
		Hazard Statemen		– Causes eye	irritation									
		Precautionary Sta												
		EYES: Rinse cau easy to do. Cont												
		reasy to do. Cont	inde mising.	1 337+1 313-	- II eye III	itation	0013131	is. Oct	medica	auvic	J/ alle	CITUOII.		
		3. CON	POSITION	ON & ING	REDI	ENT	INF	ORM	IATIO	ON				
									EXPOSI	JRE LIMI			g/m³)	T
					ACG		N	IOHSC			OSHA			
					ppn	n	ppm ES- ES- ES-		ES-	ppm				
IEM	CAL NAME(S)			EINECS No.	%	TLV	STEL				EL	STEL	IDLH	OTHER
		PROPRIETARY -												
203	IT® D-Series D100I		NA	NA	100	NA	NA	NF I	NF	NF	NΑ	NA	NA	
90)	IT® D-Series D100L	TRADE SECRET			100	NA	NA	NF I	NF	NF	NΑ	NA	NA	
90)	IT® D-Series D100L	TRADE SECRET	INGREDIENT	I rs				NF I	NF	NF	NA	NA	NA	
		TRADE SECRET NO HAZARDOUS	INGREDIENT 4.	rs FIRST AII) MEA	SUR	ES							
	IT® D-Series D100L First Aid:	TRADE SECRET NO HAZARDOUS Ingestion: If i	INGREDIENT 4. Ingested, do	FIRST AIL	O MEA	ASUR If pro	ES	has be	een sw	allowe	d, dr	rink pl	enty	
		TRADE SECRET NO HAZARDOUS Ingestion: If i	INGREDIENT 4. Ingested, do MEDIATELY	FIRST AIL o not induce v. If the patien	O MEA	ASUR If pro	RES oduct	has be	een sw	allowe	d, dr	rink pl	enty jive wa	ater or milk to
		TRADE SECRET NO HAZARDOUS Ingestion: If i	4. Ingested, do MEDIATELY conscious pe	FIRST AII o not induce v . If the patienerson. Contact	O MEA vomiting. t is vomit t the near	ASUR If proing, correst Poi	RES oduct ntinue son C	has be	een sw r water Center	allower or mill	d, dr	rink pl ever g	enty live wa	ater or milk to nber. Provide
		Ingestion: If i	4. Ingested, do MEDIATELY conscious pe	FIRST AII o not induce v . If the patienerson. Contact	O MEA vomiting. t is vomit t the near	ASUR If proing, correst Poi	RES oduct ntinue son C	has be	een sw r water Center	allower or mill	d, dr	rink pl ever g	enty live wa	ater or milk to nber. Provide
		Ingestion: If i IMP und est swa Eyes: Spl	4. Ingested, do MEDIATELY conscious perimate of the allowed. ashes are n	FIRST AIL onot induce v If the patien erson. Contact et time at which not likely; how	O MEA vomiting. t is vomit t the nea th the m	If product	RES oduct ntinue son C was i	has be to offe control (ngested	een sw r water Center d and	allowe or mill or loca the am	d, dr c. N emo	rink pl ever g ergend	enty jive wa cy nun e sub	ater or milk to nber. Provide ostance that w
		Ingestion: If i Ingestion: If i IMI unc est swa Eyes: Spl wat	A. Ingested, do MEDIATELY conscious perimate of the fallowed. ashes are neer for at least	FIRST AID not induce v If the patien erson. Contact time at which not likely; how st 15 minutes I	O MEA vomiting. t is vomit t the nea th the m ever, if p	If pro- cing, cor rest Poi: aterial	RES oduct ntinue son C was i	has be to offer control (in the elids, oc	een sw r water Center d and eyes, fl	allower or mill or loca the amush willy.	d, dr c. N emount	rink pl ever g ergend t of th	enty jive wa cy nun e sub amou	ater or milk to nber. Provide ostance that w unts of lukewa
		Ingestion: If i IMI unc est swa Eyes: Spl wait Skin: Wa	A. Ingested, do MEDIATELY conscious perimate of the fallowed. ashes are noter for at leasish thorough	FIRST AID not induce v If the patien erson. Contact time at which not likely; howest 15 minutes I ly with soap ar	O MEA vomiting. t is vomit t the nea th the m ever, if p	If pro- cing, cor rest Poi: aterial	RES oduct ntinue son C was i	has be to offer control (in the elids, oc	een sw r water Center d and eyes, fl	allower or mill or loca the amush willy.	d, dr c. N emount	rink pl ever g ergend t of th	enty jive wa cy nun e sub amou	of water or mater or milk to nber. Provide ostance that wounts of lukewa
		Ingestion: If i Ingestion: If i IMI und est swi Eyes: Spl war Skin: Wa lea	INGREDIENT 4. Ingested, do MEDIATELY conscious perimate of the fallowed. ashes are refer at leasish thorough st 15 minutes.	FIRST AID not induce v If the patien erson. Contact time at which not likely; howest 15 minutes I ly with soap ar	O MEA comiting. t is vomit t the neach the m ever, if p ifting upp	If proving, correst Poisaterial viroduct er and I	RES oduct ntinue son C was in gets i ower	has be to offee control (in the elids, ocontact, in	een sw r water Center d and eyes, fl casiona immedi	allowe or mill or loca the am ush wi ally.	d, dr c. N emount h co	rink pl ever g ergend t of th opious	enty jive wa cy nun e sub amou	ater or milk to nber. Provide ostance that wants of lukewanty of water for
1	First Aid:	Ingestion: If i IMP undest sware Eyes: Spling: Water Skin: Water Inhalation: Reconstruction and the sware sw	INGREDIENT 4. Ingested, do MEDIATELY conscious perimate of the fallowed. ashes are noter for at least she thorough st 15 minutes move victim ficial respirate.	FIRST AII onot induce value in the patien erson. Contact in the time at which the ti	D ME A vomiting. It is vomiting the near the the me ever, if profifting uppend water.	If proving, correst Point aterial viroduct er and I In case preathing, quiet	Description of the control of the co	has be to offee control (in the elids, ocontact, in the elids of the elids	een sw r water Center d and eyes, fl casiona immedi ministe ical atte	allower or mill or loca the amush willy. ately flur oxygention.	d, dr c. N emount h co	rink pl ever g ergend t of th opious	enty jive wa cy nun e sub amou	ater or milk to nber. Provide ostance that wants of lukewanty of water for
1		Ingestion: If i Ingestion: If i IMI und est swa Eyes: Spl wai Skin: Wa lea Inhalation: Rei arti Ingestion: If p	INGREDIENT 4. Ingested, do MEDIATELY conscious perimate of the fallowed. ashes are noter for at least thorough st 15 minutes move victim ficial respirate roduct is swarp and the swarp of	FIRST AII onot induce value from the patien erson. Contact the time at which the patien erson are the time at which the patien erson are the time at which the patient are the	D ME A vomiting. It is vomiting the nearth the me wer, if priffing uppend water. Once. If the son warm warms ause nause nause nause nause nause manuse manus	If proving, correst Point aterial viroduct er and I In case preathing, quiet usea, vo	Description of the control of the co	has be to offee control (ingested in the edilids, occupant, including and/og an	een sw r water Center d and eyes, fl casiona immedi ministe ical atter	allower or mill or loca the am ush willy. ately flur oxygention.	d, dr. N emoount	rink plever gergend tof the ppious	enty jive wa cy nun e sub amou th plea	ater or milk to nber. Provide estance that w unts of lukewa nty of water for tops give
1	First Aid:	Ingestion: If i IMI undest swa Skin: Wallingestion: Recarting Ingestion: Recarting Ingestion: If peyes: Mo	INGREDIENT 4. Ingested, do MEDIATELY conscious perimate of the fallowed. ashes are noter for at least thorough st 15 minutes move victim ficial respiration roduct is swaderately irritation.	FIRST AII onot induce value from the patien erson. Contact the time at which the patien erson are the time at which the patien erson are the time at which the patient are the	D ME A vomiting. It is vomiting the nearth the me wer, if priffing uppend water. Once. If the son warm warms ause nause nause nause nause nause manuse manus	If proving, correst Point aterial viroduct er and I In case preathing, quiet usea, vo	Description of the control of the co	has be to offee control (ingested in the edilids, occupant, including and/og an	een sw r water Center d and eyes, fl casiona immedi ministe ical atter	allower or mill or loca the am ush willy. ately flur oxygention.	d, dr. N emoount	rink plever gergend tof the ppious	enty jive wa cy nun e sub amou th plea	ater or milk to nber. Provide estance that w unts of lukewa nty of water for tops give
1	First Aid:	Ingestion: If i IMI undest sware Eyes: Spil lea Inhalation: Recard Ingestion: If personal Ingestion: Inge	INGREDIENT 4. Ingested, do MEDIATELY conscious perimate of the fallowed. ashes are noter for at least she thorough st 15 minutes move victim ficial respiration roduct is swaderately irritatering.	FIRST AII onot induce v. If the patien erson. Contact et time at whice not likely; howest 15 minutes I ly with soap ar s. to fresh air at of tion. Keep per allowed, may co ating to the ey	D ME A vomiting. It is vomiting the nearth the me ever, if profiting uppend water. Once. If the son warm cause natives. Sympton in the son warm was son warm warm warm was son was son warm was son was son was son was son was son warm was son was son warm was son was son warm war	If proving, correst Point aterial viroduct er and I In case preathing, quiet usea, von ptoms	gets i ower of community and gomiting of over	has be to offectontrol (ingested in the edids, ocontact, incult, adjet med grand/oerexpos	een sw r water Center d and eyes, fl casiona immedi ministe ical atte r diarrh sure ma	allower or mill or locathe amush with with ally. attely flut oxygention.	d, dr, dr, emount the count she count the count out the co	rink pl ever g ergend t of th oppious skin wi f breat	enty jive wa by number sub amou th plei hing s	ater or milk to nber. Provide stance that w unts of lukewa nty of water for tops give ing, irritation a
1	First Aid:	Ingestion: If i IMI undest sex swars swars swars spanning wat Inhalation: Repart Inhalation: Repart Ingestion: If peyes: Mowars Skin: Ma	INGREDIENT 4. Ingested, do MEDIATELY conscious perimate of the fallowed. ashes are noter for at least she thorough st 15 minutes move victim ficial respiration roduct is swaderately irritatering.	FIRST AII onot induce v. If the patien erson. Contact e time at whice to likely; howest 15 minutes I ly with soap ar s. to fresh air at of tion. Keep per allowed, may of atting to the ey g to skin. The	D ME A vomiting. It is vomiting the nearth the me ever, if profiting uppend water. Once. If the son warm cause natives. Sympton in the son warm was son warm warm warm was son was son warm was son was son was son was son was son warm was son was son warm was son was son warm war	If proving, correst Point aterial viroduct er and I In case preathing, quiet usea, von ptoms	gets i ower of community and gomiting of over	has be to offectontrol (ingested in the edids, ocontact, incult, adjet med grand/oerexpos	een sw r water Center d and eyes, fl casiona immedi ministe ical atte r diarrh sure ma	allower or mill or locathe amush with with ally. attely flut oxygention.	d, dr, dr, emount the count she count the count out the co	rink pl ever g ergend t of th oppious skin wi f breat	enty jive wa by number sub amou th plei hing s	ater or milk to nber. Provide stance that w unts of lukewa nty of water for tops give ing, irritation a
1	First Aid:	Ingestion: If i IMI undest swarp swa	INGREDIENT 4. Ingested, do MEDIATELY conscious perimate of the allowed. ashes are noter for at least she thorough st 15 minutes move victim ficial respiration roduct is swaderately irritate in the street of the	FIRST AII onot induce v. If the patien erson. Contact e time at whice not likely; howest 15 minutes I ly with soap ar s. to fresh air at of tion. Keep per allowed, may coating to the ey g to skin. The individuals.	D ME A vomiting. It is vomiting the nearth the me ever, if profiting uppend water. Once. If the son warm cause natives. Sympton in the son warm was son warm warm warm was son was son warm was son was son was son was son was son warm was son was son warm was son was son warm war	If proving, correst Point aterial viroduct er and I In case preathing, quiet usea, von ptoms	gets i ower of community and gomiting of over	has be to offectontrol (ingested in the edids, ocontact, incult, adjet med grand/oerexpos	een sw r water Center d and eyes, fl casiona immedi ministe ical atte r diarrh sure ma	allower or mill or locathe amush with with ally. attely flut oxygention.	d, dr, dr, emount the count she count the count out the co	rink pl ever g ergend t of th oppious skin wi f breat	enty jive wa by number sub amou th plei hing s	ater or milk to nber. Provide ostance that wants of lukewanty of water for
2	First Aid:	Ingestion: If i IMI undest sw. Eyes: Spl wat lea Inhalation: Reference arti Ingestion: If personal Ingestion: If personal Ingestion: If personal Ingestion: Massor Inhalation: Not inhalation:	INGREDIENT 4. Ingested, do MEDIATELY conscious perimate of the allowed. ashes are noter for at least she thorough st 15 minutes move victim ficial respiration roduct is swaderately irritate ring. by be irritating the sensitive the expected.	FIRST AII onot induce v. If the patien erson. Contact e time at whice not likely; howest 15 minutes I ly with soap ar s. to fresh air at of tion. Keep per allowed, may coating to the ey g to skin. The individuals.	D ME A vomiting. It is vomiting to the nearth the meanth the meaver, if prifting uppnd water. Once. If the son warm the cause natives. Symptometric product	If proing, correst Point aterial viroduct er and I In case oreathing, quiet usea, von ptoms can cau	RES duct ntinue son C was in gets i ower e of cc g diffin and g miting of ove	has be to offectorized in the elids, ocontact, in the	een sw r water Center d and eyes, fl casiona immedi ministe ical atte r diarrh sure ma	allower or mill or locathe amush with with ally. attely flut oxygention.	d, dr, dr, emount the count she count the count out the co	rink pl ever g ergend t of th oppious skin wi f breat	enty jive wa by number sub amou th plei hing s	ater or milk to nber. Provide stance that w unts of lukewa nty of water for tops give ing, irritation a
1	First Aid: Effects of Exposure:	Ingestion: If i IMI undest sex swars swars swars spanning wat sex share in the sex swars s	INGREDIENT 4. Ingested, do MEDIATELY conscious perimate of the fallowed. ashes are noter for at least she thorough st 15 minutes move victim ficial respiration roduct is swaderately irritatering. The sensitive ne expected usea, intestire erexposure in the sensitive reconstitution of t	FIRST AII onot induce v. If the patien erson. Contact et time at whice not likely; howest 15 minutes I ly with soap ar s. to fresh air at of tion. Keep per allowed, may cating to the ey g to skin. The individuals. nal discomfort, n eyes may ca	D ME A vomiting. It is vomiting the nearth the me ever, if profiting uppnd water. Once. If the son warreause natives. Symptometric product vomiting use redning to the vomiting use redning to the vomiting the product vomiting use redning to the vomiting	If proing, correst Point aterial viroduct er and I In case oreathing, quiet usea, von ptoms and/or ess, itch	RES duct ntinue son C was i gets i ower e of cc g diffic and g miting of ove use al	has be to offectorized in the elids, occupated, in the elids, occupated, in the elids, occupated, adject med grand/oerexpossible a.	een sw r water Center d and eyes, fl casiona immedi ministe ical atte r diarrh sure ma skin rea	allower or mill or loca the am ush willly. ately fluer oxygention. ea. ay incluctions	d, dr. N emoount	rink plever gergenot of the ppious skin wield breat edness, rasho	enty ive way nun ee sub amou th plea hing s	ater or milk to nber. Provide stance that w unts of lukewa nty of water for tops give ing, irritation a elts, dermatitis)
1	First Aid: Effects of Exposure:	Ingestion: If i IMI undest sext sware sext s	INGREDIENT 4. Ingested, do MEDIATELY conscious perimate of the allowed. ashes are not ashes are not ashes are not ashes are not at least thorough st 15 minutes move victim ficial respiration reduct is swaderately irritatering. The sensitive ne expected usea, intesting are product is mptoms of s	FIRST AII onot induce v. If the patien erson. Contact e time at whice to likely; howest 15 minutes I ly with soap ar s. to fresh air at of tion. Keep per allowed, may of ating to the ey g to skin. The individuals. nal discomfort, n eyes may ca kin overexpos	D ME A vomiting. It is vomiting to the nearth the meach	If proing, correst Point aterial viroduct er and I In case oreathing, quiet usea, von the can cau and/or ess, itch include	duct ntinue son Cowas in ower of cowas in ower of cowas and godifficand gomiting of over diarrhning a rednir goding and gomiting and gomiting a rednir goding and goding goding and goding and goding and goding and goding and goding	has be to offectorized in the elids, ocontact, in the elids, ocontact, in the elids, ocontact, in the elids and/oerexposed in the elids, ocontact, in the elids, ocontact, in the elids, ocontact, in the elids and elids are eliminated in the elidid in the elidid in the eliminated in	een sw r water Center d and eyes, fl casiona immedi ministe ical atte r diarrh sure ma skin rea	allower or mill or locathe am ush wially. ately flu roxygeention. ea. ay incluctions	d, dr. N emoount h count h count h count de recount de	rink plever gergend of the ppious skin wife breat edness, rashed of aff	enty jive way nun e sub amou amou th plei hing s	ater or milk to nber. Provide stance that wants of lukewanty of water for tops give ing, irritation a elts, dermatitis)
1	First Aid: Effects of Exposure:	Ingestion: If i IMI undestion: Skin: Was Skin: Ingestion: If personal Impersion: Main sor Inhalation: Noo Indestion: Nate of Skin: Syriike	A. Ingested, do MEDIATELY conscious permate of the allowed. ashes are not refer at least she thorough st 15 minutes move victim ficial respiration of the allowed. The move victim ficial respiration of the expected are expected as a finite expected are proposed in the proposed serving of the expected are proposed in the expected are p	FIRST AII onot induce v. If the patien erson. Contact e time at whice to likely; howest 15 minutes I ly with soap ar s. to fresh air at of tion. Keep per allowed, may of ating to the ey g to skin. The individuals. nal discomfort, n eyes may ca kin overexpos	D ME A vomiting. It is vomiting to the nearth the meach	If proing, correst Point aterial viroduct er and I In case oreathing, quiet usea, von the can cau and/or ess, itch include	duct ntinue son Cowas in ower of cowas in ower of cowas and godifficand gomiting of over diarrhning a rednir goding and gomiting and gomiting a rednir goding and goding goding and goding and goding and goding and goding and goding	has be to offectorized in the elids, ocontact, in the elids, ocontact, in the elids, ocontact, in the elids and/oerexposed in the elids, ocontact, in the elids, ocontact, in the elids, ocontact, in the elids and elids are eliminated in the elidid in the elidid in the eliminated in	een sw r water Center d and eyes, fl casiona immedi ministe ical atte r diarrh sure ma skin rea	allower or mill or locathe am ush wially. ately flu roxygeention. ea. ay incluctions	d, dr. N emoount h count h count h count de recount de	rink plever gergend of the ppious skin wife breat edness, rashed of aff	enty jive way nun e sub amou amou th plei hing s	ater or milk to nber. Provide stance that wants of lukewanty of water for tops give ing, irritation a elts, dermatitis)
2	First Aid: Effects of Exposure:	Ingestion: If i IMI undest sware swa	INGREDIENT 4. Ingested, do MEDIATELY conscious perimate of the fallowed. ashes are not ashes are not ashes are not ashes are not at least she thorough st 15 minutes move victim ficial respiration of the ingested of the expected of the ex	FIRST AIL To not induce of the patien First of th	D MEA vomiting. t is vomit t the nea th the m ever, if p ifting upp nd water. conce. If the reause nate eves. Sym exproduct vomiting use redn ure may can cau	If proving, correst Poisaterial variaterial variateria	gets i gower le of co	has be to offectorized in the elids, occurrent, in the elids, occurrent, in the elids, occurrent, adjust med grand/operexpossional lergic sea. Individual in the elids in the elids, occurrent, in the elids in the	een sw r water Center d and eyes, fl casiona immedi ministe ical atte r diarrh sure ma skin rea	allower or mill or locathe am ush windly. ately fluer oxygention. ay incluctions	d, dr. N emount h count h coush s n. If de reg.	rink plever gergenot of the ppious skin wife breat edness, rashers, well-	enty jive we we we shall a mount of the please of the second of the seco	ater or milk to nber. Provide stance that wants of lukewanty of water for tops give ing, irritation a elts, dermatitis)
1	Effects of Exposure: Symptoms of Overexposure:	Ingestion: If i IMI undestion: Skin: Was Skin: Ingestion: If personal Impersion: Main sor Inhalation: Noo Indestion: Nate of Skin: Syriike	INGREDIENT 4. Ingested, do MEDIATELY conscious perimate of the fallowed. ashes are not refer at least she thorough st 15 minutes move victim ficial respiration reduct is sware and the sensitive me sensitive me expected. Usea, intesting the expected of the symptoms of sensitive metals in the sensitive metals. In the sensitive metals in the	FIRST AIL To not induce of the patien First of the product First of the patien First of the product First of the patien First of	D MEA vomiting. t is vomit t the near th the m ever, if p ifting upp nd water. conce. If the reause nate eves. Sym expredict vomiting use redn ure may t can cau oderate in	ASUR If proving, correst Poiraterial variaterial vari	gets i ge	has be to offee control (ongested in the elids, ocontact, in cult, addet med grand/oerexposelergic sea. In a modern water sea, itc kin real ces and water sea.	een sw r water Center d and eyes, fl casiona immedi ministe ical atter diarrh sure ma skin rea ering. hing, a ctions	allower or mill or loca the am ush windly. ately floor eatence. ay inclustions and irritate. (e.g., rear a mear a	d, dr. N emount h count h coush s n. If de reg.	rink plever gergenot of the ppious skin wife breat edness, rashers, well-	enty jive we we we shall a mount of the please of the second of the seco	ater or milk to nber. Provide stance that wants of lukewanty of water for tops give ing, irritation a elts, dermatitis)
2	Effects of Exposure: Symptoms of Overexposure:	Ingestion: If i IMI undest sware swa	INGREDIENT 4. Ingested, do MEDIATELY conscious perimate of the fallowed. ashes are not ashes are not ashes are not ashes are not at least ship thorough st 15 minutes move victim ficial respiration of the ingested as a symptoms. In used as vapors can used as a symptom and as a symptom as a symptom and as a symptom and as a symptom and as a symptom as a sym	FIRST AII In not induce of the patien From Contact of th	D MEA vomiting. t is vomit t the neal th the m ever, if p ifting upp nd water. conce. If th son warr cause nai es. Sym vomiting use redn ure may can cau derate in ess, dizz rexposur	If proving, correst Point aterial in case or eathing, quiet usea, volutions and/or ess, itch include use aller ritation iness, he may the	gets i ge	has be to offee control (ongested in the elids, ocontact, in cult, adjet medge and/oerexposelergic see a. In district was a modern as the contact of the con	een sw r water Center d and eyes, fl casiona immedi ministe ical atter diarrh sure ma skin rea ering, a ctions d skin ad naus na-like	allower or mill or loca the am ush windly. ately fluor oxygention. ea. ay inclustions and irritate. (e.g., rear a ea. symptos	d, dr. N emoount h count h cou	rink plever gergenot of the ppious skin wife breat edness, rashed of affects, well-ed are in som	enty we way num e sub amou th plei hing s s, itch es, we exected tes, de eas.	ater or milk to nber. Provide stance that vunts of lukewanty of water for tops give ing, irritation at elts, dermatitis areas. Frost ermatitis) in so



Page 2 of 5 **SDS-E-D100L**

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

SDS Revision: 4.1

SDS Revision Date: 1/30/2016

		4. FIRS	T AID ME	ASURI	ES – co	ont'd					
4.7	Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, othe target organs (eyes, skin, and	r skin conditio	ns, and di		f the HE	ALTH AMMAI YSICA OTECT	L HAZ		ENT	0 0 0 B
						EY		SKIN	QUIFIV	ENI	Ь
								•	•	-	
F 4	Fig. 0 Fordering Hannada		REFIGHT								
5.1	Fire & Explosion Hazards:	This product is not flammabl temperatures to form toxic ga	ises (e.g., CO,	CO _x).				compose	e at higi	n 	
5.2	Extinguishing Methods: Firefighting Procedures:	Water, Foam, CO ₂ , Dry Chen									
0.0	Tribing in peccence.	Fight fires as for surrounding breathing apparatus (pressu after the fire is out. Use wat fire upwind. Avoid spraying Prevent runoff from fire cont any natural waterway. Firef pressure self-contained brea decomposition products and	re-demand) and er spray to community water directly rol or dilution of the ghters must up thing apparatu	d full prote ol fire-expo into storage from enterion se full bund s to protec	ctive gear sed surface containe ng sewers ker gear ir	. Keep of the control	ontainer protect e of dan rinking v IOSH-ap	s cool of personal ger of be water so proved	until we al. Figh ooil-ovei upply, o positive	Ult tree	0
		6. ACCIDI	ENTAL RI	ELEAS	E MEA	SURES	<u> </u>				
6.1	Spills:	Before cleaning any spill of Equipment. Plastic or rubbe Small Spills: Wear appropria material such as vermiculite water or a material such as plastic brooms, shovels, dus Large Spills: Keep incompa or release. Isolate immediat done with minimal risk. Wea	er gloves, respi te protective e or sand to so "speedy dry" t tpans) and place tible materials e hazard area	rator, eye pequipment i ak up the people of soak up ce into a place (e.g., organand keep u	rotection a ncluding go product an material. astic conta nics such a nauthorize	and apron ploves and d place in Sweep up iner or place as oil) award d personn	may be protection a content of material sticliner of the protection of the protectio	required ve eyev stainer f al using within a spill. Sta area. S	I for cleavear. Lor later non-spanother ay upwi	an-up of landse a non-continuous disposal. If arking mate container. If and award and award are release	ge spills. ombustible Do not use erials (e.g., by from spile if it can be
		7. HANDLIN	NG & STC	RAGE	INFOR	MATIC)N				
7.1	Work & Hygiene Practices:	Do not eat, drink or smoke container(s). When used as contact is possible. Wash ur	intended, no	additional	protective	equipmen	t is nece	ure. H essary.	landle a Use cl	as to avoid nemical goo	puncturing ggles if eye
7.2	Storage & Handling:	Use and store in a cool, dry sunlight. Avoid temperatures damage. To avoid unintention	, well-ventilate above 120 °F	ed location . Keep awa	(e.g., local	al exhaust compatible	ventilati substan	ion, fan ices. Pi	s) away rotect co	r from heat ontainers fro	and direc om physica
7.3	Special Precautions:	Clean all spills promptly. Spi	lled material m	ay present	a slipping	hazard.					
		8. EXPOSURE CO	NTPOI S	& DED	SONA	DPO.	TECT	ION			
8.1	Exposure Limits:		ACGIH		NOHSC			OSHA		OTHER	
	ppm (mg/m³)	CHEMICAL NAME(S)	TLV STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH		
8.2	Ventilation & Engineering Controls:	NA General mechanical (e.g., fa exhaust ventilation to effect product. Ensure appropriate.	vely remove a	and preven	t buildup	of vapors	or mist	genera	ted fron	n the hand	ling of this
8.3	Respiratory Protection:	product. Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station). 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 rewhen handling or using large	•			se. Safety	/ glasse:	s could	be use		
8.5	Hand Protection:	None required under normal sensitive individuals. When himpervious plastic gloves.									
8.6	Body Protection:	No apron required when har eye wash stations and delug									



Page 3 of 5 **SAFETY DATA SHEET** SDS-E-D100L Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision Date: 1/30/2016 9. PHYSICAL & CHEMICAL PROPERTIES 9.1 Appearance: Light red 9.2 Odor: Ethereal / hydrocarbon odor 9.3 Odor Threshold: NA 9.4 NA 9.5 Melting Point/Freezing Point: NA 9.6 Initial Boiling Point/Boiling >220 °C (428 °F) 9.7 Flashpoint: >250 °C (482 °F) 9.8 Upper/Lower Flammability NA Vapor Pressure: 9.9 < 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 9.14 Autoignition Temperature: NA 9.15 Decomposition Temperature: 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.
		11. TOXICOLOGICAL INFORMATION
11.1	Routes of Entry:	Inhalation: YES Absorption: YES Ingestion: YES
11.2	Toxicity Data:	1.20
11.2	Toxicity Data:	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.
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:	No.
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.
	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	Biological Exposure Indices:	NE NE
11.9	Physician Recommendations:	Treat symptomatically.
	T	12. ECOLOGICAL INFORMATION
12.1	Environmental Stability:	There is no specific data available for this product.
12.2	Effects on Plants & Animals:	There are no specific data available for this product.
12.3	Effects on Aquatic Life:	There are no specific data available for this product; however, very large releases of this product may be harmful or fat to overexposed aquatic life.
		To overexposed aquatic ine.
		13. DISPOSAL CONSIDERATIONS
13.1	Waste Disposal:	Products covered by this MSDS, in their original form, when disposed as waste, are considered non hazardous was according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and feder regulations. Dispose of in accordance with federal, state and local regulations.
13.2	Special Considerations:	NA V



Page 4 of 5 SDS-E-D100L

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

SDS Revision: 4.1

SDS Revision Date: 1/30/2016

		14. TRANSPORTATION	INFORMATION				
		nber, proper shipping name, hazard class & division, e required by 49 CFR, IATA/ICAO, IMDG and the CT	, packing group) is shown for each mode of transportation. Additional DGR.				
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	ADGR (AUS):	NOT REGULATED					
		15. REGULATORY IN	FORMATION				
15.1	SARA Reporting Requirements:	This product does not contain any substances subj	ect to SARA Title III, section 313 reporting requirements.				
15.2	SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantitie	es for the components of this product.				
15.3	TSCA Inventory Status:	The components of this product are listed on the Ta	SCA Inventory.				
15.4	CERCLA Reportable Quantity (RQ):	NA					
15.5	Other Federal Requirements:	This product complies with the appropriate sections (Cosmetics).	s of the Food and Drug Administration's 21 CFR Subchapter G,				
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).					
15.8	Other Requirements:	The primary components of this product are not list Irritant (Xi) <u>Risk Phrases:</u> (R) 36 – Irritating to eyes. <u>Safet children</u> . Avoid contact with eyes. In case of ac immediately (show the label where possible).	ty Phrases: (S) 2-25-45 – Keep out of reach of				
		16. OTHER INFO	RMATION				
16.1	Other Information:	WARNING! CAUSES EYE IRRITATION. Use onlin case of accident or if you feel unwell seek m	ly as directed. Keep out of reach of children. Avoid contact with eyes. edical advice immediately (show the label where possible). If skin P LOCKED UP AND OUT OF REACH OF CHILDREN.				
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.					
16.3	oos last page of time durity Data errotti						
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/	CAIG LABORATORIES, INC.				
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				



Page 5 of 5 SDS-E-D100L

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

SDS Revision: 4.1

SDS Revision Date: 1/30/2016

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
С	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

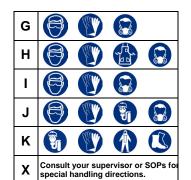
HMIS-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

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



PERSONAL PROTECTION RATINGS:

Α			
В			
С		THE NAME OF THE PERSON OF THE	
D		THE STATE OF THE S	
Е			
F		THE NAME OF THE PERSON OF THE	





Splash Goggles















Dust & Vapor Half-Mask Respirator

Full Face Respirator

Airline Hood/Mask or SCBA

OTHER STANDARD ABBREVIATIONS:

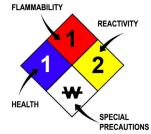
ML	Maximum Limit
mg/m3	milligrams per cubic meter
NA	Not Available
ND	Not Determined
NE	Not Established
NF	Not Found
NR	No Results
ppm	parts per million
SCBA	Self-Contained Breathing Apparatus

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 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
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
ACD	Acidic
ALK	Alkaline
COR	Corrosive
₩	Use No Water
OX	Oxidizer
TREFOIL	Radioactive
	<u> </u>



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, TC _o , LC _{lo} , & LC _o	
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 K _{ow} or log K _{oc}	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
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:

	(4)	(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

EC (67/548/EEC) INFORMATION:

			*			X	X
С	E	F	N	0	Т	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

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

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