

Page 1 of 6 **SDS-E-D5S-A** 

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

SDS Revision: 7.2

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1.1	Product Name:				T & COM					-					
1.1	Product Name:	DE	OXIT® [	D-SERIE	S, 5% SP	RAY, \	<u>/0C (</u>		<b>/</b> PL	IAN	Г (Р/	<u>N D</u>	<u>5S-6</u>	5, D5	S-2)
1.2	Chemical Name:		0	listed in secti											
1.3	Synonyms:				(PN D5S-6, D5										
1.4	Trade Names:				(PN D5S-6, D5		-6P, D5	S-6ET	and D	D5S-6-	LMH)				
1.5	Product Use:				al contacts & co	onnectors									
1.6	Distributor's Name:		<u>Laboratori</u>												
1.7	Distributor's Address:				y, CA 92064-68										
1.8	Emergency Phone:	CHE	EMTREC	: +1 (703)	<mark>527-3887</mark> / -	<mark>⊦1 (800</mark> )	424-9	300	(CCI	<b>N205</b>	206)				
1.9	Business Phone / Fax:	+1 (8	800) 224-41	23											
				2 11					N						
2.1	Hazard Identification:	This			-			-				000			
2.1	Hazard Identification:							id as I	DANG	EROU	IS GOO	UDS a	iccordi	ng to tr	ne classification
criteria of NOHSC: 1088 (2004) and ADG Code (Australia). DANGER! EXTREMELY FLAMMABLE AEROSOL. PRESSURIZED CONTAINER: MAN					ΜΛΥ	BIID									
								50111					DUIX	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
			-	erosols 1, As			0.								
2.2	Label Elements:				2 – Extremely	flammable	e aeroso	ol. H2	29 – F	Pressu	rized c	contair	ner: ma	av	•
					be fatal if swall									-	
					): P210 – Keep										
		other	ignition so	urces. No sm	noking. P211 -	Do not s	pray on	an op	en flar	me or o	otherig	gnition	sourc	e.	57
					n, even after u										
					/ED: Immediat										X
					<ul> <li>If skin irritat otect from sun</li> </ul>										
					contents/cont										
		(TSD			contents/conta	aniei to a	licensed	lica	ineni,	Siora		ispusa		<sup>ty</sup>	
		(100	,, <u>,</u> ,												
2.3	Other Warnings:	KEEF	P OUT OF	REACH OF C	HILDREN.										
			3. CO	MPOSITI	ON & ING	REDIE	ENT I	NFC	DRM		ON				
										EXPO	SURE LI	MITS IN			
												OSHA			
							ACG			NOHSC					_
							ACG ppr			ppm			OSH/ ppm		_
СНЕМ	ICAL NAME(S)	CA	NO.	RTECS No.	EINECS No.	%	ppr		ES- TWA		ES- PEAK	PEL			OTHER
			<b>NS No</b> . 742-47-8	<b>RTECS No</b> . OA5504000	EINECS No. 265-149-8	% 40-70	ppr TLV	m	ES-	ppm ES-	ES-	PEL (5)	ppm		OTHER MIST
	ICAL NAME(S) RLESS MINERAL SPIRITS	64	742-47-8	OA5504000		40-70	ppr TLV	m STEL	ES- TWA	ppm ES- STEL	ES- PEAK		ppm STEL	IDLH	
ODOF	RLESS MINERAL SPIRITS	64 RE 75-	742-47-8 EACH Reg. N -37-6	OA5504000 o. 0267859000 K14100000	265-149-8 01; Asp. Tox. 1; H 200-866-1	40-70 304 10-30	ppr TLV (5)	m STEL	ES- TWA	ppm ES- STEL NF	ES- PEAK		ppm STEL	IDLH	
ODOF		647 RE 75- RE	742-47-8 EACH Reg. N -37-6 EACH Reg. N	OA5504000 o. 0267859000 K14100000 o. 100000788;	265-149-8 11; Asp. Tox. 1; H 200-866-1 Flam. Gas 1, Liq	40-70 304 10-30 . Gas; H22	ppr TLV (5) 1000 0, H280	m STEL NA NA	<b>ES-</b> <b>TWA</b> NF 1000	ppm ES- STEL NF	ES- PEAK NF NF	(5) NA	ppm STEL NA NA	IDLH NA NA	MIST
odof Diflu	JOROETHANE (R-152A)	647 RE 75- RE PR	742-47-8 EACH Reg. N -37-6 EACH Reg. N ROPRIETARY	OA5504000 o. 0267859000 K14100000 o. 100000788; Y – TRADE SE	265-149-8 01; Asp. Tox. 1; H 200-866-1 Flam. Gas 1, Liq CRET	40-70 304 10-30	ppr TLV (5)	m STEL NA	es- twa NF	ppm ES- STEL NF	ES- PEAK NF	(5)	ppm STEL NA	IDLH NA NA	MIST
odof Diflu	RLESS MINERAL SPIRITS	647 RE 75- RE PR	742-47-8 EACH Reg. N -37-6 EACH Reg. N ROPRIETARY	OA5504000 o. 0267859000 K14100000 o. 100000788; Y – TRADE SE	265-149-8 11; Asp. Tox. 1; H 200-866-1 Flam. Gas 1, Liq	40-70 304 10-30 . Gas; H22	ppr TLV (5) 1000 0, H280	m STEL NA NA	<b>ES-</b> <b>TWA</b> NF 1000	ppm ES- STEL NF	ES- PEAK NF NF	(5) NA	ppm STEL NA NA	IDLH NA NA	MIST
ODOF DIFLU	JOROETHANE (R-152A)	647 RE 75- RE PR	742-47-8 EACH Reg. N -37-6 EACH Reg. N ROPRIETARY	OA5504000 o. 0267859000 K1410000 o. 100000788; Y – TRADE SE( o. Non-hazardo	265-149-8 01; Asp. Tox. 1; H 200-866-1 Flam. Gas 1, Liq CRET pus/Proprietary	40-70 304 10-30 . Gas; H22 3-7	ppr           TLV           (5)           1000           0, H280           NA	m STEL NA NA NA	<b>ES-</b> <b>TWA</b> NF 1000	ppm ES- STEL NF	ES- PEAK NF NF	(5) NA	ppm STEL NA NA	IDLH NA NA	MIST
ODOF DIFLU DEOX	RLESS MINERAL SPIRITS JOROETHANE (R-152A) KIT® D-SERIES, D100L	641 RE 75- RE PR RE	742-47-8 EACH Reg. N -37-6 EACH Reg. N ROPRIETAR EACH Reg. N	OA5504000 o. 0267859000 K14100000 o. 100000788; Y – TRADE SE( o. Non-hazardo	265-149-8 1; Asp. Tox. 1; H 200-866-1 Flam. Gas 1, Liq CRET Dus/Proprietary FIRST AII	40-70 304 10-30 . Gas; H22 3-7	<b>ppr</b> <b>TLV</b> (5) 1000 0, H280 NA <b>SUR</b>	m STEL NA NA NA	ES- TWA NF 1000 NF	ppm ES- STEL NF NF	ES- PEAK NF NF	(5) NA NA	ppm STEL NA NA	IDLH NA NA	MIST SKIN
odof Diflu	JOROETHANE (R-152A)	641 RE 75- RE PR RE	742-47-8 EACH Reg. N -37-6 EACH Reg. N COPRIETARY EACH Reg. N	0A5504000 o. 0267859000 K14100000 o. 10000788; Y – TRADE SE( o. Non-hazardo <b>4.</b>	265-149-8 11; Asp. Tox. 1; F 200-866-1 Flam. Gas 1, Liq CRET Dus/Proprietary FIRST AII mediately call a	40-70 304 10-30 . Gas; H22 3-7 <b>D MEA</b> Poison Co	ppr           TLV           (5)           1000           0, H280           NA	m <u>STEL</u> NA NA NA ES enter/	ES- TWA NF 1000 NF docto	ppm ES- STEL NF NF NF	ES- PEAK NF NF NF	(5) NA NA	ppm STEL NA NA NA	IDLH NA NA	MIST
ODOF DIFLU DEOX	RLESS MINERAL SPIRITS JOROETHANE (R-152A) KIT® D-SERIES, D100L	641 RE 75- RE PR RE	742-47-8 EACH Reg. N -37-6 EACH Reg. N ROPRIETARY EACH Reg. N Stion: If	0A5504000 o. 0267859000 K14100000 o. 10000788; Y – TRADE SEC o. Non-hazardo <b>4.</b> ingested imm vallowed, drin	265-149-8 1; Asp. Tox. 1; F 200-866-1 Flam. Gas 1, Liq CRET bus/Proprietary FIRST AII mediately call a hk plenty of wa	40-70 304 10-30 . Gas; H22 3-7 <b>D MEA</b> Poison Co ter or milk	ppr           TLV           (5)           1000           0, H280           NA   SURI Ontrol Co	m <u>STEL</u> NA NA NA ES enter/ DIATE	ES- TWA NF 1000 NF docto LY. If	ppm ES- STEL NF NF NF r. Do f the p	ES- PEAK NF NF NF	(5) NA NA luce v	ppm STEL NA NA NA omiting, c	IDLH NA NA DA	MIST SKIN
ODOF DIFLU DEOX	RLESS MINERAL SPIRITS JOROETHANE (R-152A) KIT® D-SERIES, D100L	641 RE 75- RE PR RE	742-47-8 EACH Reg. N -37-6 EACH Reg. N ROPRIETAR EACH Reg. N Stion: If sv or	0A5504000 o. 0267859000 K14100000 o. 100000788; Y – TRADE SEC Io. Non-hazardo <b>4.</b> ingested imm vallowed, drin milk. Never	265-149-8 1; Asp. Tox. 1; H 200-866-1 Flam. Gas 1, Liq CRET pus/Proprietary FIRST AII hediately call a hk plenty of wa give water or n	40-70 304 10-30 . Gas; H22 3-7 <b>D MEA</b> Poison Co ter or milk	ppr           TLV         (5)           1000         0, H280           0, H280         NA           SURI         SURI           ontrol C6         IMMEE           unconsc         MMEE	m STEL NA NA NA ES enter/ DIATE cious p	ES- TWA NF 1000 NF docto LY. If	ppm ES- STEL NF NF . Do f the p . Con	ES- PEAK NF NF NF not inc atient i	(5) NA NA luce v is vom e near	ppm STEL NA NA NA omiting, c est Po	IDLH NA NA NA g. If pro- continue ison Co	MIST SKIN oduct has been e to offer water pontrol Center or
ODOF DIFLU DEOX	RLESS MINERAL SPIRITS JOROETHANE (R-152A) KIT® D-SERIES, D100L	641 RE 75- RE PR RE	742-47-8 EACH Reg. N -37-6 EACH Reg. N ROPRIETAR EACH Reg. N EACH Reg. N Stion: If sw or	0A5504000 o. 0267859000 K14100000 o. 10000788; Y – TRADE SEC lo. Non-hazardo <b>4.</b> ingested imm vallowed, drin milk. Never cal emergence	265-149-8 1; Asp. Tox. 1; H 200-866-1 Flam. Gas 1, Liq CRET pus/Proprietary FIRST AII hediately call a hk plenty of wa give water or n	40-70 304 10-30 . Gas; H22 3-7 <b>D MEA</b> Poison Co ter or milk nilk to an i rovide an	PPT TLV (5) 1000 0, H280 NA SURI ontrol Ce & IMMEE unconsc estimate	m STEL NA NA NA ES enter/ DIATE cious p	ES- TWA NF 1000 NF docto LY. If	ppm ES- STEL NF NF . Do f the p . Con	ES- PEAK NF NF NF not inc atient i	(5) NA NA luce v is vom e near	ppm STEL NA NA NA omiting, c est Po	IDLH NA NA NA g. If pro- continue ison Co	MIST SKIN oduct has been e to offer water pontrol Center or
ODOF DIFLU DEOX	RLESS MINERAL SPIRITS JOROETHANE (R-152A) KIT® D-SERIES, D100L	64 RE 75- RE PR RE	742-47-8 EACH Reg. N -37-6 EACH Reg. N ROPRIETAR EACH Reg. N EACH Reg. N Stion: If sw or loo an	0A5504000 o. 0267859000 K14100000 o. 10000788; Y – TRADE SEC Io. Non-hazardo Io. Non-hazardo <b>4.</b> ingested imm vallowed, drin milk. Never cal emergence nount of the s	265-149-8 1; Asp. Tox. 1; H 200-866-1 Flam. Gas 1, Liq CRET pus/Proprietary FIRST AII hediately call a hk plenty of wa give water or n cy number. Pl substance that	40-70 304 10-30 . Gas; H22 3-7 <b>D MEA</b> Poison Ce ter or milk nilk to an i ovide an was swall	PPT TLV (5) 1000 0, H280 NA SURI SURI SURI SURI SURI SURI SURI SURI	m STEL NA NA NA ES enter/ DIATE cious p e of t	ES- TWA NF 1000 NF docto LY. If person he tim	ppm ES- STEL NF NF NF r. Do f the p L. Con le at v	ES- PEAK NF NF NF not inc atient i tact the	(5) NA NA duce v is vom e near he ma	ppm STEL NA NA NA omiting oiting, o est Po aterial	IDLH NA NA NA	MIST SKIN oduct has been e to offer water ontrol Center or gested and the
ODOF DIFLU DEOX	RLESS MINERAL SPIRITS JOROETHANE (R-152A) KIT® D-SERIES, D100L	641 RE 75- RE PR RE	742-47-8 EACH Reg. N -37-6 EACH Reg. N ROPRIETAR EACH Reg. N EACH Reg. N Stion: If sw or loo an <u>s</u> : Sp	0A5504000 o. 0267859000 K14100000 o. 100000788; Y – TRADE SEC o. Non-hazardo <b>4.</b> ingested imm vallowed, drin milk. Never cal emergence nount of the so olashes are r	265-149-8 1; Asp. Tox. 1; H 200-866-1 Flam. Gas 1, Liq CRET pus/Proprietary FIRST AII rediately call a ak plenty of wa give water or n cy number. Pl substance that not likely; how	40-70 304 10-30 . Gas; H22 3-7 <b>D MEA</b> Poison Ce ter or milk nilk to an i ovide an was swall ever, if pr	PPT TLV (5) 1000 0, H280 NA SURI SURI SURI SURI SURI SURI SURI SURI	m STEL NA NA NA ES enter/ DIATE cious p e of t ets in	ES- TWA NF 1000 NF docto LY. If berson he tim	ppm ES- STEL NF NF NF r. Do f the p L. Con he at v	ES- PEAK NF NF NF NF not inc atient i tact the /hich t	(5) NA NA luce v is vom e near he ma	PPPM STEL NA NA NA Omiting, o est Po aterial pious	IDLH NA NA NA NA ison Co was ing amoun	MIST SKIN Oduct has been e to offer water ontrol Center or gested and the ts of lukewarm
ODOF DIFLU DEOX	RLESS MINERAL SPIRITS JOROETHANE (R-152A) KIT® D-SERIES, D100L	64 RE 75- RE PR RE	742-47-8 EACH Reg. N -37-6 EACH Reg. N ROPRIETAR EACH Reg. N Stion: If sw or loo an <u>s</u> : Sp wa	0A5504000 o. 0267859000 K14100000 o. 100000788; Y – TRADE SEC o. Non-hazardo <b>4.</b> ingested imm vallowed, drin milk. Never cal emergence nount of the s olashes are r ater for at lea	265-149-8 1; Asp. Tox. 1; H 200-866-1 Flam. Gas 1, Liq CRET pus/Proprietary FIRST AII rediately call a ak plenty of wa give water or n cy number. Pl substance that not likely; how	40-70 304 10-30 Gas; H22 3-7 <b>D MEA</b> Poison Ce ter or milk nilk to an i ovide an was swall ever, if pr lifting upp	ppr       TLV       (5)       1000       0, H280       NA       SURI       ontrol Ce       IMMEE       unconsc       estimatic       owded.       oduct g       er and l	m STEL NA NA NA NA ES enter/ DIATE cious p e of t ets in lower	ES- TWA NF 1000 NF docto LY. If person he tim the e lids, o	PPM ES- STEL NF NF NF r. Do f the p i. Con ie at w eyes, f cccasio	ES- PEAK NF NF NF NF atient it tact the /hich t lush w nally.	(5) NA NA luce v is vom e near he ma	PPPM STEL NA NA NA NA Omiting, c est Po aterial pious	IDLH NA NA NA NA Sontinu ison Co was ing amoun ntact le	MIST SKIN Oduct has been e to offer water ontrol Center or gested and the ts of lukewarm onses if present
ODOF DIFLU DEOX	RLESS MINERAL SPIRITS JOROETHANE (R-152A) KIT® D-SERIES, D100L	64 RE 75- RE PR RE	742-47-8 EACH Reg. N -37-6 EACH Reg. N ROPRIETAR EACH Reg. N EACH Reg. N Stion: If sw or low an s: Sp wa ar : W	OA5504000 o. 0267859000 K14100000 o. 100000788; Y – TRADE SEC o. Non-hazardo <b>4.</b> ingested imm vallowed, drin milk. Never cal emergence nount of the s plashes are r ater for at lead ind easy to do- ash thorough	265-149-8         200-866-1         Flam. Gas 1, Liq         CRET         pus/Proprietary         FIRST AII         nediately call a         ak plenty of wa         give water or n         y number. Pr         substance that         not likely; how         ist 15 minutes         - continue rinsin         uy with soap ar	40-70 304 10-30 . Gas; H22 3-7 <b>D MEA</b> Poison Cd ter or milk nilk to an i ovide an was swall ever, if pr lifting upp ng. If irrita d water.	PPT TLV (5) 1000 0, H280 NA SUR SUR SUR Unconsc estimate owed. MMEE unconsc estimate owed. oduct g er and l ation per In case	m STEL NA NA NA ES ES enter/ DIATE ets in lower rsists of cor	ES- TWA NF 1000 NF docto LY. If berson he tim the e lids, o repeat	ppm ES- STEL NF NF NF r. Do f the p t. Con the at w eyes, f cccasio	ES- PEAK NF NF NF NF atient it tact the /hich t lush w nally. ng. Ge iately f	(5) NA NA NA duce v is vom e near he ma rith co Remo	PPPM STEL NA NA NA NA Omiting, c est Po aterial pious ove co lical att kin wit	NA NA NA NA NA NA NA NA NA NA NA NA NA N	MIST SKIN SKIN oduct has been e to offer water ontrol Center or gested and the ts of lukewarm enses if present y of water for at
ODOF DIFLU DEOX	RLESS MINERAL SPIRITS JOROETHANE (R-152A) KIT® D-SERIES, D100L	64: RE 75- RE PR RE	742-47-8 EACH Reg. N -37-6 EACH Reg. N ROPRIETAR EACH Reg. N EACH Reg. N Stion: If Stion: If sw or low an s 2: Sp wa ar : W	OA5504000 o. 0267859000 K14100000 o. 100000788; Y – TRADE SEC o. Non-hazardo <b>4.</b> ingested imm vallowed, drin milk. Never cal emergence nount of the so blashes are r ater for at lead ind easy to do- ash thorough ast 15 minute	265-149-8 200-866-1 Flam. Gas 1, Liq CRET Dus/Proprietary FIRST AII rediately call a ak plenty of wa give water or n cy number. Pr substance that not likely; how ist 15 minutes - continue rinsii ily with soap ar as. Treat for free	40-70 304 10-30 . Gas; H22 3-7 <b>D MEA</b> Poison Ce ter or milk nilk to an to ovide an was swall ever, if pr lifting upp ng. If irrita d water. ostbite if n	ppr       TLV       (5)       1000       0, H280       NA       SURI       ontrol Ceta       IMMEE       unconsc       estimate       owed.       oduct g       er and l       ation per       In case       ecessar	m STEL NA NA NA ES ES enter// DIATE ets inn ower rsists   of cor y, be	ES- TWA NF 1000 NF docto LY. If berson he tim the e lids, o repeat	ppm ES- STEL NF NF NF r. Do f the p t. Con the at w eyes, f cccasio	ES- PEAK NF NF NF NF atient it tact the /hich t lush w nally. ng. Ge iately f	(5) NA NA NA duce v is vom e near he ma rith co Remo	PPPM STEL NA NA NA NA Omiting, c est Po aterial pious ove co lical att kin wit	NA NA NA NA NA NA NA NA NA NA NA NA NA N	MIST SKIN SKIN oduct has been e to offer water ontrol Center or gested and the ts of lukewarm enses if present y of water for at
ODOF DIFLU DEOX	RLESS MINERAL SPIRITS JOROETHANE (R-152A) KIT® D-SERIES, D100L	64: RE 75- RE PR RE Eves Skin:	742-47-8 EACH Reg. N -37-6 EACH Reg. N ROPRIETAR EACH Reg. N EACH Reg. N Stion: If Stion: If Stion: If Stion: If Stion: St St St St St St St St St St St St St S	OA5504000 o. 0267859000 K14100000 o. 100000788; Y – TRADE SEC o. Non-hazardo <b>4.</b> ingested imm vallowed, drin milk. Never cal emergence nount of the solashes are r ater for at leas of easy to do- ash thorough ast 15 minute velling persist	265-149-8         200-866-1         Flam. Gas 1, Liq         CRET         ous/Proprietary         FIRST AII         nediately call a         ak plenty of wa         give water or n         cy number. Pr         substance that         not likely; how         ist 15 minutes         - continue rinsin         uy with soap ar         es. Treat for frees, contact a ph	40-70 304 10-30 Gas; H22 3-7 <b>D MEA</b> Poison Ce ter or milk nilk to an to ovide an was swall ever, if pr lifting upp ng. If irrita d water. ostbite if n ysician im	ppr       TLV       (5)       1000       0, H280       NA   SURI Ontrol Ce stimate owed. oduct g od	m STEL NA NA NA ES ES ES ets inn ower rsists   of cor y, be ely.	ES- TWA NF 1000 NF docto LY. If person he tim the e lids, o repeat ttact, i gently	PPM ES- STEL NF NF NF NF r. Do f the p t. Con the at w eyes, f cccasio flushin mmed warm	ES- PEAK NF NF NF NF not inc atient i tact the /hich t lush w nally. ng. Ge iately f ing aff	(5) NA NA luce v is vom e near he ma rith co Remo et mec iush s ected	PPPM STEL NA NA NA Omiting, o est Po aterial pious pive co lical at kin wit area.	IDLH NA NA NA NA NA NA NA NA NA NA NA NA NA	MIST SKIN SKIN oduct has been e to offer water ontrol Center or gested and the ts of lukewarm enses if present y of water for at ion, redness or
ODOF DIFLU DEOX	RLESS MINERAL SPIRITS JOROETHANE (R-152A) KIT® D-SERIES, D100L	64: RE 75- RE PR RE Eves Skin:	742-47-8 EACH Reg. N -37-6 EACH Reg. N ROPRIETARY EACH Reg. N Stion: If I sw or low an s: Sy w ar : W lex sw lation: Ref	OA5504000 o. 0267859000 K14100000 o. 100000788; Y – TRADE SEC o. Non-hazardo <b>4.</b> ingested imm vallowed, drin milk. Never cal emergence nount of the s plashes are r ater for at lea ad easy to do- ash thorough ast 15 minute velling persist emove victim	265-149-8         200-866-1         Flam. Gas 1, Liq         CRET         pus/Proprietary    FIRST All additional statements of the statement of the sta	40-70 304 10-30 . Gas; H22 3-7 D MEA Poison Co ter or milk nilk to an o ovide an was swall ever, if pr hg. If irrita d water. bstbite if n ysician im once. If bi	PPT TLV (5) 1000 0, H280 NA SURI Ontrol Ce is IMMEE unconsc estimate owed. oduct g er and I ation per In case eccessar mediate reathing	m STEL NA NA NA ES ES ES ets inn ower sists of cor y, be ely. difficu	ES- TWA NF 1000 NF docto LY. If berson he tim the e lids, o repeat ttact, i gently ult, adr	ppm ES- STEL NF NF NF NF r. Do f the p t. Con the at w eyes, f poccasio flushii mmed warm ministe	ES- PEAK NF NF NF NF not inc atient i tact the /hich t lush w nally. ng. Ge iately f ing affe	(5) NA NA duce v s vom e near he ma rith coo trith coo t	PPPM STEL NA NA NA Omiting, o est Po aterial pious pive co lical at kin wit area.	IDLH NA NA NA NA NA NA NA NA NA NA NA NA NA	MIST SKIN SKIN oduct has been e to offer water ontrol Center or gested and the ts of lukewarm enses if present y of water for at ion, redness or
ODOF DIFLL DEOX	RLESS MINERAL SPIRITS JOROETHANE (R-152A) (IT <sup>®</sup> D-SERIES, D100L First Aid:	64: RE 75- RE PR RE Eves Skin: Inhal	742-47-8 EACH Reg. N -37-6 EACH Reg. N ROPRIETARY EACH Reg. N Stion: If I sw or low an s: Sy w ar : W leation: Ref ar	OA5504000 o. 0267859000 K14100000 o. 100000788; Y – TRADE SEC o. Non-hazardo <b>4.</b> ingested imm vallowed, drin milk. Never cal emergence nount of the s plashes are r ater for at lea ad easy to do- ash thorough ast 15 minute velling persist emove victim tificial respira	265-149-8         200-866-1         Flam. Gas 1, Liq         CRET         pus/Proprietary    FIRST All additional statements of the statement of the sta	40-70 304 10-30 . Gas; H22 3-7 D MEA Poison Co ter or milk nilk to an o ovide an was swall ever, if pr hg. If irrita d water. batter. batter if n ysician im once. If bi son warm	ppr         TLV         (5)         1000         0, H280         NA         SURI         ontrol Ce         atton per         oduct g         extimate         oduct g         atton per         In case         eccessar         mediate         reathing         , quiet at	m STEL NA NA NA ES ES ES ets inn ower sists b of cor y, be ely. difficu	ES- TWA NF 1000 NF docto LY. If person he tim the e lids, o repeat ttact, i gently ult, adr	PPM ES- STEL NF NF NF NF . Do f the p the con the at w eyes, f poccasio flushin mmed warm ministe ical att	ES- PEAK NF NF NF NF not inc atient i tact the rhich t lush w nally. ng. Ge iately f ing affe	(5) NA NA duce v s vom e near he ma rith coo trith coo t	PPPM STEL NA NA NA Omiting, o est Po aterial pious pive co lical at kin wit area.	IDLH NA NA NA NA NA NA NA NA NA NA NA NA NA	MIST SKIN SKIN oduct has been e to offer water ontrol Center or gested and the ts of lukewarm enses if present y of water for at ion, redness or
ODOF DIFLU DEOX	RLESS MINERAL SPIRITS JOROETHANE (R-152A) KIT® D-SERIES, D100L	641 RE 75- RE PR RE Eves Skin: Inhal	742-47-8 EACH Reg. N -37-6 EACH Reg. N ROPRIETARY EACH Reg. N Stion: If sw or loc an sy stion: Reg ar stion: If	OA5504000 o. 0267859000 K14100000 o. 100000788; Y – TRADE SEC o. Non-hazardo <b>4.</b> ingested imm vallowed, drin milk. Never cal emergence nount of the s olashes are ra ater for at lea ol easy to do- ash thorough ast 15 minute velling persist emove victim tificial respira product is swa	265-149-8 11; Asp. Tox. 1; H 200-866-1 Flam. Gas 1, Liq CRET DUS/Proprietary FIRST AII rediately call a nk plenty of wa give water or n cy number. Pr substance that not likely; how ist 15 minutes - continue rinsii ily with soap ar is. Treat for frr is. creat or frr is. contact a ph to fresh air at of tion. Keep per allowed, may of	40-70 304 10-30 Gas; H22 3-7 <b>D MEA</b> Poison Co ter or milk nilk to an i ovide an was swall ever, if pr lifting upp ng. If irrita id water. ostbite if n ysician im once. If bi son warm ause nause	PPT TLV (5) 1000 0, H280 NA SURI Ontrol Ce i IMMEE unconsc estimate owed. oduct g er and I ation per In case ecessar In case ecessar inediate reathing , quiet a sea, von	m STEL NA NA NA ES ES enter// DIATE ets inn ower sists of cor y, be ely. difficu and ge mitting	ES- TWA NF 10000 NF docto LY. If berson he tim the e lids, o repeat thact, i gently ult, adr et medi and/or	ppm ES- STEL NF NF NF . Do f the p . Con f the p . Con the at v eyes, f pccasic flushin mmed v warm ministe ical att r diarrf	ES- PEAK NF NF NF NF not inc atient i tact the vhich t lush w nally. ng. Ge iately f ing affer er oxyg ention.	(5) NA NA luce v is vom e near he ma rith coo Remo t meo lush s ected en. If	ppm STEL NA NA NA NA Omiting oterial pious pical att kin wit area. breath	IDLH NA NA NA NA NA NA NA INA Continu- ison Co was ing amoun ntact le tention. h plenty If irritat	MIST SKIN SKIN SKIN SKIN Skin Skin Skin Skin Skin Skin Skin Skin
ODOF DIFLL DEOX	RLESS MINERAL SPIRITS JOROETHANE (R-152A) (IT <sup>®</sup> D-SERIES, D100L First Aid:	64: RE 75- RE PR RE Eves Skin: Inhal	742-47-8 EACH Reg. N -37-6 EACH Reg. N ROPRIETARY EACH Reg. N Stion: If i sw or loc an stion: Sp W let sw lation: Ref ar stion: If s: M	OA5504000 o. 0267859000 K14100000 b. 100000788; Y – TRADE SEC o. Non-hazardo <b>4.</b> ingested imme vallowed, drime milk. Never cal emergence nount of the second as thorough ast 15 minute velling persist emove victime tificial respira product is swo oderately irrita	265-149-8         200-866-1         Flam. Gas 1, Liq         CRET         pus/Proprietary    FIRST All additional statements of the statement of the sta	40-70 304 10-30 Gas; H22 3-7 <b>D MEA</b> Poison Co ter or milk nilk to an i ovide an was swall ever, if pr lifting upp ng. If irrita id water. ostbite if n ysician im once. If bi son warm ause nause	PPT TLV (5) 1000 0, H280 NA SURI Ontrol Ce i IMMEE unconsc estimate owed. oduct g er and I ation per In case ecessar In case ecessar inediate reathing , quiet a sea, von	m STEL NA NA NA ES ES enter// DIATE ets inn ower sists of cor y, be ely. difficu and ge mitting	ES- TWA NF 10000 NF docto LY. If berson he tim the e lids, o repeat thact, i gently ult, adr et medi and/or	ppm ES- STEL NF NF NF . Do f the p . Con f the p . Con the at v eyes, f pccasic flushin mmed v warm ministe ical att r diarrf	ES- PEAK NF NF NF NF not inc atient i tact the vhich t lush w nally. ng. Ge iately f ing affer er oxyg ention.	(5) NA NA luce v is vom e near he ma rith coo Remo t meo lush s ected en. If	ppm STEL NA NA NA NA Omiting oterial pious pical att kin wit area. breath	IDLH NA NA NA NA NA NA NA INA Continu- ison Co was ing amoun ntact le tention. h plenty If irritat	MIST SKIN SKIN SKIN Oduct has been e to offer water portrol Center or gested and the ts of lukewarm enses if present y of water for at ion, redness or ps give
ODOF DIFLL DEOX	RLESS MINERAL SPIRITS JOROETHANE (R-152A) (IT <sup>®</sup> D-SERIES, D100L First Aid:	64: RE 75- RE PR RE Exes Skin: Inhal Eyes	742-47-8 EACH Reg. N -37-6 EACH Reg. N ROPRIETARY EACH Reg. N EACH Reg. N SW or Ion SW or SW or Ion SW OR EACH Reg. N SW OR SW SW OR SW SW SW SW SW SW SW SW SW SW SW SW SW	OA5504000 o. 0267859000 K14100000 o. 10000788; Y – TRADE SEC o. Non-hazardo and the second real emergence nount of the second as thorough as thorough	265-149-8 1; Asp. Tox. 1; H 200-866-1 Flam. Gas 1, Liq CRET Dus/Proprietary FIRST AII hediately call a hk plenty of wa give water or n cy number. Pro- substance that hot likely; how- ist 15 minutes - continue rinsii ily with soap ar res. Treat for fror fs, contact a ph to fresh air at of tion. Keep per allowed, may co ating to the eye	40-70 304 10-30 Gas; H22 3-7 <b>D MEA</b> Poison Co ter or milk nilk to an o ovide an was swall ever, if pr lifting upp ng. If irrita d water. ostbite if n ysician im ponce. If bi son warm ause nause s. Sympt	PPT TLV (5) 1000 0, H280 0, H280 NA SURI ontrol Cd a IMMEE unconsc estimate oduct g er and l ation per In case ecessar ecessar in case ecessar in case ecessar a gueta sea, von oms of c	m STEL NA NA NA ES ES enter// DIATE ets in lower rsists l of cor y, be sly. diffici diffici overe	ES- TWA NF 10000 NF docto LY. If berson he tim the e lids, o repeat ntact, i gently ult, adr tt medi and/or	PPM ES- STEL NF NF NF . NF . Con f the p . Con the at v eyes, f flushin mmed v warm ministe ical attr r diarrh re may	ES- PEAK NF NF NF NF not inc atient i tact the /hich t lush w nally. ng. Ge iately f ing affe er oxyg ention. <u>hea.</u>	(5) NA NA luce v is vorr e near he ma rith co Remo et mec lush s ected en. If	ppm STEL NA NA NA NA Omiting, o est Po est Po aterial pious ove co lical att kin wit area. breath	IDLH NA NA NA NA NA NA NA INA Continuu ison Co was ing amoun ntact le tention. h plenty If irritat ing sto	MIST SKIN SKIN oduct has been e to offer water patrol Center or gested and the ts of lukewarm mses if present y of water for at ion, redness or ps give irritation and
ODOF DIFLL DEOX	RLESS MINERAL SPIRITS JOROETHANE (R-152A) (IT <sup>®</sup> D-SERIES, D100L First Aid:	641 RE 75- RE PR RE Eves Skin: Inhal	742-47-8 EACH Reg. N -37-6 EACH Reg. N ROPRIETARN EACH Reg. N EACH Reg. N EACH Reg. N EACH Reg. N EACH Reg. N EACH Reg. N EACH Reg. N Stion: If S: MM EACH Reg. N EACH REG. N	OA5504000 o. 0267859000 K14100000 Io. 100000788; Y – TRADE SEC Io. Non-hazardo Io. No	265-149-8 1; Asp. Tox. 1; H 200-866-1 Flam. Gas 1, Liq CRET pus/Proprietary FIRST AII rediately call a nk plenty of wa give water or n cy number. Pro- substance that not likely; howe ist 15 minutes - continue rinsii ly with soap ar res. Treat for fresh air at or to fresh air at or to fresh air at or allowed, may co ating to the eye g to skin. The	40-70 304 10-30 Gas; H22 3-7 <b>D MEA</b> Poison Co ter or milk nilk to an o ovide an was swall ever, if pr lifting upp ng. If irrita d water. ostbite if n ysician im ponce. If bi son warm ause nause s. Sympt	PPT TLV (5) 1000 0, H280 0, H280 NA SURI ontrol Cd a IMMEE unconsc estimate oduct g er and l ation per In case ecessar ecessar in case ecessar in case ecessar a gueta sea, von oms of c	m STEL NA NA NA ES ES enter// DIATE ets in lower rsists l of cor y, be sly. diffici diffici overe	ES- TWA NF 10000 NF docto LY. If berson he tim the e lids, o repeat ntact, i gently ult, adr tt medi and/or	PPM ES- STEL NF NF NF . NF . Con f the p . Con the at v eyes, f flushin mmed v warm ministe ical attr r diarrh re may	ES- PEAK NF NF NF NF not inc atient i tact the /hich t lush w nally. ng. Ge iately f ing affe er oxyg ention. <u>hea.</u>	(5) NA NA luce v is vorr e near he ma rith co Remo et mec lush s ected en. If	ppm STEL NA NA NA NA Omiting, o est Po est Po aterial pious ove co lical att kin wit area. breath	IDLH NA NA NA NA NA NA NA INA Continuu ison Co was ing amoun ntact le tention. h plenty If irritat ing sto	MIST SKIN SKIN oduct has been e to offer water patrol Center or gested and the ts of lukewarm mses if present y of water for at ion, redness or ps give irritation and
ODOF DIFLL DEOX	RLESS MINERAL SPIRITS JOROETHANE (R-152A) (IT <sup>®</sup> D-SERIES, D100L First Aid:	641 RE 75- RE PR RE Exes Skin: Inhal Eyes Skin:	742-47-8 EACH Reg. N -37-6 EACH Reg. N ROPRIETARN EACH Reg. N EACH	OA5504000 o. 0267859000 K14100000 o. 10000788; Y – TRADE SEC o. Non-hazardo and the second real emergence nount of the second as thorough as thorough	265-149-8 1; Asp. Tox. 1; H 200-866-1 Flam. Gas 1, Liq CRET pus/Proprietary FIRST AII rediately call a nk plenty of wa give water or n cy number. Pro- substance that not likely; how- ist 15 minutes - continue rinsii- ily with soap ar res. Treat for from s, contact a ph to fresh air at of to fresh air at of tion. Keep per allowed, may co ating to the eyes g to skin. The individuals.	40-70 304 10-30 Gas; H22 3-7 <b>D MEA</b> Poison Co ter or milk nilk to an o ovide an was swall ever, if pr lifting upp ng. If irrita d water. ostbite if n ysician im ponce. If bi son warm ause nause s. Sympt	PPT TLV (5) 1000 0, H280 0, H280 NA SURI ontrol Cd a IMMEE unconsc estimate oduct g er and l ation per In case ecessar ecessar in case ecessar in case ecessar a gueta sea, von oms of c	m STEL NA NA NA ES ES enter// DIATE ets in lower rsists l of cor y, be sly. diffici diffici overe	ES- TWA NF 10000 NF docto LY. If berson he tim the e lids, o repeat ntact, i gently ult, adr tt medi and/or	PPM ES- STEL NF NF NF . NF . Con f the p . Con the at v eyes, f flushin mmed v warm ministe ical attr r diarrh re may	ES- PEAK NF NF NF NF not inc atient i tact the /hich t lush w nally. ng. Ge iately f ing affe er oxyg ention. <u>hea.</u>	(5) NA NA luce v is vorr e near he ma rith co Remo et mec lush s ected en. If	ppm STEL NA NA NA NA Omiting, o est Po est Po aterial pious ove co lical att kin wit area. breath	IDLH NA NA NA NA NA NA NA INA Continuu ison Co was ing amoun ntact le tention. h plenty If irritat ing sto	MIST SKIN SKIN oduct has been e to offer water patrol Center or gested and the ts of lukewarm mses if present y of water for at ion, redness or ps give irritation and



Page 2 of 6 **SDS-E-D5S-A** 

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

SDS Revision: 7.2 SDS F

4.3	1	4. FIRST A					a					
	Symptoms of Overexposure:	Ingestion: Nausea, intestinal dis			-							
		Eyes:         Overexposure in eyes may cause redness, itching and watering.           Skin:         Symptoms of skin overexposure may include redness, itching, and irritation of affected areas. Fill										
		like symptoms. The individuals.	e product	t can ca	ause allerg	ic skin r	eactions (	e.g., rasl	hes, welt	s, derm	natitis) i	in som
4.4	Acute Health Effects:	Moderate irritation to eyes and s drowsiness, dizziness, headaches						n concer	ntrations	of vapo	ors car	n caus
4.5	Chronic Health Effects:	Overexposure may trigger asthma- respiratory hypersensitivity. Possib				nsitive in	dividuals.	May als	o induce	skin se	ensitiza	tion a
4.6	Target Organs:	Eyes, Skin, Respiratory System.										
4.7	Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other skin	Pre-existing dermatitis, other skin conditions, and disorders of the			of the	HEALTH				1	
	Aggravated by Exposure.	target organs (eyes, skin, and respi	ratory sy	/stem).			FLAMM	ABILIT	Y			3
							PHYSIC		ZARDS			0
												B
							PROTE	1		IENI		D
							EYES	SKIN	N			
		5. FIREF	IGHTI		<b>IEASU</b>	RES						
5.1	Fire & Explosion Hazards:	Level 3 Aerosol (NFPA 30B). Aero					ove 120 °F	Cool u	ninvolveo	4		
		containers to prevent possible bur										
		aerosols are bursting, stay clear	until bu	ırsting i	s complete	e. <sup>´</sup> This	product	is not fla	ammable			
		However, if involved in a fire, this		t may c	lecompose	at high	temperat	ures to f	orm toxic	0		
		gases (e.g., CO, hydrogen fluoride)								_		
5.2	Extinguishing Methods:	Water, Foam, CO <sub>2</sub> , Dry Chemical.								_	3	
5.3	Firefighting Procedures:	Fight fires as for surrounding ma									1	0
		contained breathing apparatus (pre										$\checkmark$
		until well after the fire is out. U									$\langle \rangle$	
		personal. Fight fire upwind. Avo									$\sim$	
		danger of boil-over. Prevent run										
		drinking water supply, or any natu										
		NIOSH-approved positive pressure						t against	t potentia	l I		
		hazardous combustion or decompo	sition pro	oducts a	ind oxygen	deficien	cies.					
		6. ACCIDENT		ELEA	SE ME	ASU	RES					
	Spills:	Before cleaning any spill or leak						wear an	opropriate	e Perso	nal Pr	otectiv
6.1		Equipment. Plastic or rubber glove										
6.1	op.no.										larde s	SDIIIS.
6.1	op.iid.		otective e	eauipme		a aloves	and prote	ctive eve	wear. U			
6.1		Small Spills: Wear appropriate pro			nt including					lse a no	on-com	bustib
6.1		<u>Small Spills</u> : Wear appropriate pro material such as vermiculite or sa	nd to so	ak up th	nt including	and place	ce into a c	ontainer	for later	lse a no disposa	on-com al. Do	bustib not us
6.1		<u>Small Spills</u> : Wear appropriate pro material such as vermiculite or sal water or a material such as "spee	nd to so dy dry" t	ak up th to soak	nt including ne product up materia	and plac I. Swee	ce into a c p up mate	ontainer erial usin	for later g non-sp	lse a no disposa arking r	on-com al. Do materia	bustib not us
6.1		<u>Small Spills</u> : Wear appropriate pro material such as vermiculite or sal water or a material such as "spee plastic brooms, shovels, dustpans)	nd to so dy dry" t and plac	ak up th to soak ce into a	nt including ne product up materia plastic cor	and plac I. Swee ntainer o	ce into a c p up mate r plastic lin	ontainer erial usin er within	for later g non-sp another	lse a no disposa arking r containe	on-com al. Do materia er.	bustib not us ls (e.ç
6.1		<u>Small Spills</u> : Wear appropriate pro material such as vermiculite or sai water or a material such as "spee plastic brooms, shovels, dustpans) <u>Large Spills</u> : Keep incompatible m or release. Isolate immediate haza	nd to soa dy dry" t and plac naterials ard area a	ak up th to soak ce into a (e.g., or and kee	nt including ne product up materia plastic cor ganics suc p unauthor	and plac I. Swee ntainer of h as oil) ized pers	ce into a c p up mate r plastic lin away fron sonnel out	ontainer erial usin er within n spill. S of area.	for later g non-sp another stay upwii Stop spi	lse a no disposa arking r containe nd and Il or rele	on-com al. Do materia er. away fr ease if i	bustib not us ls (e.ç rom sj t can
6.1		<u>Small Spills</u> : Wear appropriate pro material such as vermiculite or sal water or a material such as "spee plastic brooms, shovels, dustpans)	nd to soa dy dry" t and plac naterials ard area a	ak up th to soak ce into a (e.g., or and kee	nt including ne product up materia plastic cor ganics suc p unauthor	and plac I. Swee ntainer of h as oil) ized pers	ce into a c p up mate r plastic lin away fron sonnel out	ontainer erial usin er within n spill. S of area.	for later g non-sp another stay upwii Stop spi	lse a no disposa arking r containe nd and Il or rele	on-com al. Do materia er. away fr ease if i	bustib not us ls (e.c rom sp t can
6.1		<u>Small Spills</u> : Wear appropriate pro material such as vermiculite or sai water or a material such as "spee plastic brooms, shovels, dustpans) <u>Large Spills</u> : Keep incompatible m or release. Isolate immediate haza done with minimal risk. Wear appro	nd to soa dy dry" t and plac naterials ard area a opriate p	ak up th to soak ce into a (e.g., or and kee protective	nt including ne product up materia plastic cor ganics suc p unauthor e equipmer	and plac I. Swee ntainer or h as oil) ized pers nt includi	ce into a c p up mate r plastic lin away fron sonnel out ng respira	ontainer erial usin er within n spill. S of area.	for later g non-sp another stay upwii Stop spi	lse a no disposa arking r containe nd and Il or rele	on-com al. Do materia er. away fr ease if i	bustib not us ls (e.c rom sp t can
		<u>Small Spills</u> : Wear appropriate pro material such as vermiculite or sal water or a material such as "spee plastic brooms, shovels, dustpans) <u>Large Spills</u> : Keep incompatible m or release. Isolate immediate haza done with minimal risk. Wear appr <b>7. HANDLING 8</b>	nd to so dy dry" t and plac naterials ard area a opriate p <b>&amp; STC</b>	ak up the so soak and the so soak and the solution of the solu	nt including ne product up materia plastic cor ganics suc p unauthor e equipmer	and plac al. Swee ntainer of th as oil) ized pers nt includi	te into a c p up mate r plastic lin away fron sonnel out ng respirat	container erial usin ner within n spill. S of area. tory prote	for later g non-sp another stay upwin Stop spi ection as	lse a no disposa arking r containe nd and Il or rele conditio	on-com al. Do materia er. away fr ease if i ons war	bustib not us ls (e.g rom sp t can l rant.
	Work & Hygiene Practices:	<u>Small Spills</u> : Wear appropriate pro material such as vermiculite or sal water or a material such as "spee plastic brooms, shovels, dustpans) <u>Large Spills</u> : Keep incompatible m or release. Isolate immediate haza done with minimal risk. Wear appr <b>7. HANDLING &amp;</b> Do not eat, drink or smoke when	nd to so dy dry" t and plac naterials ard area a opriate p <b>&amp; STC</b> handlin	ak up the soak of soak of soak of soak of einto a (e.g., or and kee protective of the soar	nt including ne product up materia plastic cor ganics suc p unauthor e equipmer <b>E INFC</b> product. C	and plac al. Swee ntainer of th as oil) ized pers nt includi <b>DRMA</b> contents	te into a c p up mate r plastic lin away fron sonnel out ng respirat	container erial usin her within n spill. S of area. tory prote	for later g non-sp another Stay upwin Stop spi ection as Handle a	lse a no disposa arking r containe nd and Il or rele condition	on-com al. Do materia er. away fr ease if i ons war	bustib not us ls (e.g rom sp t can l rant.
		<u>Small Spills</u> : Wear appropriate pro material such as vermiculite or sal water or a material such as "spee plastic brooms, shovels, dustpans) <u>Large Spills</u> : Keep incompatible m or release. Isolate immediate haza done with minimal risk. Wear appro <b>7. HANDLING &amp;</b> Do not eat, drink or smoke when container(s). When used as inten	nd to so dy dry" t and plac naterials ard area a opriate p <b>&amp; STC</b> handlin ded, no	ak up the so soak of the soak	nt including ne product up materia plastic cor ganics suc p unauthor e equipmer <b>E INFC</b> product. C nal protectiv	and plac and plac sweeth and as oil) ized person the includi <b>DRMA</b> contents we equip	the into a c p up mate r plastic lin away fron sonnel out ng respirat TION under pre ment is ne	container erial usin her within n spill. S of area. tory prote	for later g non-sp another Stay upwin Stop spi ection as Handle a	lse a no disposa arking r containe nd and Il or rele condition	on-com al. Do materia er. away fr ease if i ons war	bustib not us ls (e.g rom sp t can l rant.
6.1	Work & Hygiene Practices:	Small Spills:       Wear appropriate promaterial such as vermiculite or saling water or a material such as "spee plastic brooms, shovels, dustpans)         Large Spills:       Keep incompatible morelease.         or release.       Isolate immediate haza done with minimal risk.         Wear approximation       The second seco	nd to so dy dry" t and plac naterials ard area a opriate p <b>&amp; STC</b> handlin ded, no ional resi	ak up the co soak ce into a (e.g., or and kee protective <b>DRAC</b> g this p addition dues wi	nt including ne product up materia plastic cor ganics suc p unauthor e equipmer <b>E INFC</b> product. C nal protectiv th soap an	and plac and plac but Sweet thas oil) ized pers the includi <b>DRMA</b> Contents we equip d warm w	the into a c p up mate r plastic lin away fron sonnel out ng respira <b>TION</b> under pre ment is ne vater.	container erial usin ner within n spill. S of area. tory prote essure. ecessary	for later g non-sp another Stop spi ection as Handle a . Use ch	lse a no disposa arking r containe nd and Il or rele conditio	on-com al. Do materia er. away fr ease if i ns war void pu goggle	bustib not us ls (e.c rom sp t can l rant. ncturin es if e
		Small Spills:       Wear appropriate promaterial such as vermiculite or saling water or a material such as "spee plastic brooms, shovels, dustpans)         Large Spills:       Keep incompatible more release.         Isolate immediate haza done with minimal risk.       Wear appropriate promote the saling of the	nd to so dy dry" t and plac naterials ard area a opriate p <b>&amp; STC</b> handling ded, no ional resi -ventilate	ak up the co soak ce into a (e.g., or and kee protective <b>DRAC</b> g this p addition dues wi ed locat	nt including ne product up materia plastic cor ganics suc p unauthor e equipmer <b>E INFC</b> product. C nal protectiv th soap an- ion (e.g., le	and plac and plac i. Swee has oil) ized pers ht includi <b>DRMA</b> contents ve equip d warm vo ocal exh	ce into a c p up mate r plastic lin away fron sonnel out ng respirat <b>TION</b> under pre ment is ne vater. aust venti	container erial usin ner within n spill. S of area. tory prote essure. eccessary lation, fa	for later g non-sp another Stop spi ection as Handle a . Use ch ns) away	lse a no disposa arking r containe nd and Il or rele condition as to av nemical r from h	on-com al. Do materia er. away fr ease if i ns war void pu goggle	bustib not us ls (e.c rom sp t can l rant. ncturin s if e d dire
7.1	Work & Hygiene Practices:	Small Spills:       Wear appropriate promaterial such as vermiculite or saling water or a material such as "spee plastic brooms, shovels, dustpans)         Large Spills:       Keep incompatible more release.         Isolate immediate hazar       done with minimal risk.         Wear approximation       The second secon	nd to so dy dry" t and plac naterials ard area a opriate p <b>&amp; STC</b> handlin, ded, no ional resi -ventilate e 120 °F.	ak up the soak of	nt including ne product up materia plastic cor ganics suc p unauthor e equipmer <b>E INFC</b> product. C nal protectiv th soap an ion (e.g., la away from	and place and place and an and an and an and and an and an and an and and an and an and and and place and place an	ce into a c p up mate r plastic lin away fron sonnel out ng respirat <b>TION</b> under pre ment is ne vater. aust venti tible subst	container erial usin ner within n spill. S of area. tory prote essure. eccessary lation, fa	for later g non-sp another Stop spi ection as Handle a . Use ch ns) away	lse a no disposa arking r containe nd and Il or rele condition as to av nemical r from h	on-com al. Do materia er. away fr ease if i ns war void pu goggle	bustib not us ls (e.c rom sp t can l rant. ncturin s if e d dire
7.1	Work & Hygiene Practices: Storage & Handling:	Small Spills:       Wear appropriate promaterial such as vermiculite or saling water or a material such as "spee plastic brooms, shovels, dustpans)         Large Spills:       Keep incompatible more release.         or release.       Isolate immediate haza done with minimal risk.         Wear approximation       The Manual Stress of the stress o	nd to so dy dry" t and plac naterials ard area a opriate p <b>&amp; STC</b> handlin, ded, no ional resi -ventilate e 120 °F.	ak up the soak of	nt including ne product up materia plastic cor ganics suc p unauthor e equipmer <b>E INFC</b> product. C nal protectiv th soap an ion (e.g., la away from	and place and place and an and an and an and and an and an and an and and an and an and and and place and place an	ce into a c p up mate r plastic lin away fron sonnel out ng respirat <b>TION</b> under pre ment is ne vater. aust venti tible subst	container erial usin ner within n spill. S of area. tory prote essure. eccessary lation, fa	for later g non-sp another Stop spi ection as Handle a . Use ch ns) away	lse a no disposa arking r containe nd and Il or rele condition as to av nemical r from h	on-com al. Do materia er. away fr ease if i ns war void pu goggle	bustib not us ls (e.c rom sp t can l rant. ncturin s if e d dire
7.1	Work & Hygiene Practices:	Small Spills:       Wear appropriate promaterial such as vermiculite or saling water or a material such as "spee plastic brooms, shovels, dustpans)         Large Spills:       Keep incompatible more release.         Isolate immediate hazar       done with minimal risk.         Wear approximation       The second secon	nd to so dy dry" t and plac naterials ard area a opriate p <b>&amp; STC</b> handlin, ded, no ional resi -ventilate e 120 °F.	ak up the soak of	nt including ne product up materia plastic cor ganics suc p unauthor e equipmer <b>E INFC</b> product. C nal protectiv th soap an ion (e.g., la away from	and place and place and an and an and an and and an and an and an and and an and an and and and place and place an	ce into a c p up mate r plastic lin away fron sonnel out ng respirat <b>TION</b> under pre ment is ne vater. aust venti tible subst	container erial usin ner within n spill. S of area. tory prote essure. eccessary lation, fa	for later g non-sp another Stop spi ection as Handle a . Use ch ns) away	lse a no disposa arking r containe nd and Il or rele condition as to av nemical r from h	on-com al. Do materia er. away fr ease if i ns war void pu goggle	bustib not us ls (e.c rom sp t can l rant. ncturin s if e d dire
7.1	Work & Hygiene Practices: Storage & Handling:	Small Spills:       Wear appropriate promaterial such as vermiculite or saling water or a material such as "spee plastic brooms, shovels, dustpans)         Large Spills:       Keep incompatible more release.         or release.       Isolate immediate haza done with minimal risk.         Wear approximation       The Manual Stress of the stress o	nd to soa dy dry" t and plac naterials ard area a opriate p <b>&amp; STC</b> handlin ded, no ional resi -ventilate e 120 °F. raying ke	ak up the soak ce into a (e.g., or and kee rotective <b>DRAC</b> g this p addition dues will be locat . Keep beep cap	nt including ne product up materia plastic cor ganics suc p unauthor e equipmer <b>E INFC</b> product. C nal protectiv th soap an ion (e.g., lu away from in place wi	and place and place i. Sween tainer or th as oil) ized pers- tincludi <b>DRMA</b> contents we equip d warm wo ocal exh incompa hen not in	ce into a c p up mate r plastic lin away fron sonnel out ng respirat <b>TION</b> under pre ment is ne vater. aust venti tible subst n use.	container erial usin eer within n spill. S of area. tory prote essure. ecessary lation, fa tances. F	for later g non-sp another Stop spi ection as Handle a . Use ch ns) away Protect co	lse a no disposa arking r containe nd and Il or rele condition as to av nemical r from h	on-com al. Do materia er. away fr ease if i ns war void pu goggle	bustib not us ls (e.c rom sp t can l rant. ncturin s if e d dire
7.1	Work & Hygiene Practices: Storage & Handling:	Small Spills:       Wear appropriate promaterial such as vermiculite or saling water or a material such as "spee plastic brooms, shovels, dustpans)         Large Spills:       Keep incompatible more release.         or release.       Isolate immediate haza done with minimal risk.         Wear approximation <b>7. HANDLING &amp;</b> Do not eat, drink or smoke when container(s).       When used as inten contact is possible.         Use and store in a cool, dry, well sunlight.       Avoid temperatures above damage.         Clean all spills promptly.	nd to soa dy dry" t and place naterials ard area a opriate p <b>&amp; STC</b> handling ded, no ional resi -ventilate e 120 °F. raying ke	ak up the soak ce into a (e.g., or and kee rotective <b>DRAC</b> g this p addition dues will be locat . Keep beep cap	nt including ne product up materia plastic cor ganics suc p unauthor e equipmer <b>E INFC</b> product. C nal protectiv th soap an ion (e.g., lu away from in place wi	and place and place i. Sween tainer or th as oil) ized pers- tincludi <b>DRMA</b> contents we equip d warm wo ocal exh incompa hen not in	ce into a c p up mate r plastic lin away fron sonnel out ng respirat <b>TION</b> under pre ment is ne vater. aust venti tible subst n use.	container erial usin eer within n spill. S of area. tory prote essure. ecessary lation, fa tances. F	for later g non-sp another Stop spi ection as Handle a . Use ch ns) away Protect co	lse a no disposa arking r containe nd and II or rele condition as to av nemical r from h	on-com al. Do materia er. away fr ease if i ns war void pu goggle	bustib not us ls (e.c rom sp t can rant. ncturin s if e d dire physic
7.1	Work & Hygiene Practices: Storage & Handling: Special Precautions:	Small Spills:       Wear appropriate promaterial such as vermiculite or saling water or a material such as "spee plastic brooms, shovels, dustpans)         Large Spills:       Keep incompatible more release.         Isolate immediate hazard done with minimal risk.       Wear appropriate promotion of the second	nd to soa dy dry" t and place naterials ard area a opriate p <b>&amp; STC</b> handline ded, no ional resi -ventilate e 120 °F. raying ke	ak up the constant of the cons	nt including ne product up materia plastic cor ganics suc p unauthor e equipmer <b>E INFC</b> product. C nal protectiv th soap and ion (e.g., la away from in place with <b>ERSON</b>	and place I. Sween tainer of th as oil) ized persite ized persite tincludi <b>DRMA</b> Contents we equip d warm vo ocal exh incompa hen not in <b>AL PI</b> NOHSC ES-	ce into a c p up mate r plastic lin away fron sonnel out ng respirat <b>TION</b> under pre ment is ne vater. aust venti tible subst n use. <b>ROTEC</b>	container erial usin er within n spill. S of area. tory prote essure. ecessary lation, fa tances. F	for later g non-sp another of stay upwin Stop spi ection as Handle a . Use ch ns) away Protect co	Ise a no disposa arking r containe nd and II or rele conditionary as to ave nemical y from h pontainer	on-com al. Do materia er. away fr asse if i ons war void pu goggle neat an s from	bustib not us ls (e.c rom sp t can rant. ncturin s if e d dire physic
7.1	Work & Hygiene Practices: Storage & Handling: Special Precautions: Exposure Limits:	Small Spills: Wear appropriate promaterial such as vermiculite or salivater or a material such as "spee plastic brooms, shovels, dustpans)         Large Spills: Keep incompatible mor release. Isolate immediate haza done with minimal risk. Wear approverse structure in the second se	nd to so dy dry" t and plac aaterials ard area a opriate p <b>&amp; STC</b> handlin ded, no ional resi -ventilate e 120 °F. raying ke	ak up the constant of the cons	nt including ne product up materia plastic cor ganics suc p unauthor e equipmer <b>E INFC</b> product. C and protective th soap an in place where <b>ERSON</b> ES-TWA	and place it. Sween tainer or the as oil) ized person the includi <b>DRMA</b> Contents we equip d warm wo ocal exh incompa hen not in NOHSC ES- STEL	ES- PEAK	container erial usin eer within n spill. S of area. tory prote essure. ecessary lation, fa tances. F	for later g non-sp another stay upwin Stop spi ection as Handle a . Use ch ns) away Protect co OSHA STEL	Ise a no disposa arking r contain nd and II or rele condition as to av nemical r from h pontainer	on-com al. Do materia er. away fr ease if i ons war void pu goggle neat an s from	bustib not us ls (e.ç orm spi t can rant. ncturi rs if e d dire physic
7.1	Work & Hygiene Practices: Storage & Handling: Special Precautions: Exposure Limits:	Small Spills:       Wear appropriate promaterial such as vermiculite or saling water or a material such as "spee plastic brooms, shovels, dustpans)         Large Spills:       Keep incompatible more release.         or release.       Isolate immediate haza done with minimal risk.         Wear approversion <b>7. HANDLING 8</b> Do not eat, drink or smoke when container(s).       When used as inten contact is possible.         Use and store in a cool, dry, well sunlight.       Avoid temperatures above damage.         Clean all spills promptly. <b>8. EXPOSURE CONTF</b> ODORLESS MINERAL SPIRITS	nd to so dy dry" t and plac naterials ard area a opriate p <b>&amp; STC</b> handlin ded, no ional resi -ventilate e 120 °F. raying ke	ak up the constant of the cons	nt including ne product up materia plastic cor ganics suc p unauthor e equipmer <b>E INFC</b> roduct. C noduct. C nal protectiv th soap an- ion (e.g., la away from in place where <b>ERSON</b>	and plac I. Sween tainer or th as oil) ized person th includi <b>DRMA</b> Contents ve equip d warm vo ocal exh incompa hen not in <b>NOHSC</b> ES- STEL NF	ES- PEAK NF	entainer erial usin eer within n spill. S of area. tory prote essure. ecessary lation, fa tances. F	for later g non-sp another stay upwin Stop spi ection as Handle a . Use ch ns) away Protect co OSHA STEL NA	Ise a no disposa arking r contain nd and II or rele conditionas to av nemical y from h pontainer	on-com al. Do materia er. away fr ease if i ons war void pu goggle neat an s from OTHER	bustib not us ls (e.ç orm spi t can rant. ncturi rs if e d dire physic
7.1	Work & Hygiene Practices: Storage & Handling: Special Precautions: Exposure Limits:	Small Spills:       Wear appropriate promaterial such as vermiculite or saling water or a material such as "spee plastic brooms, shovels, dustpans)         Large Spills:       Keep incompatible more release.         or release.       Isolate immediate haza done with minimal risk.         Wear approversion <b>7. HANDLING 8</b> Do not eat, drink or smoke when container(s).       When used as inten contact is possible.         Use and store in a cool, dry, well sunlight.       Avoid temperatures above damage.         Clean all spills promptly. <b>8. EXPOSURE CONTF</b> ODORLESS MINERAL SPIRITS         DIFLUOROETHANE (R-152A)	nd to so dy dry" t and plac haterials ard area a opriate p <b>&amp; STC</b> handlind ded, no ional resi -ventilate e 120 °F. raying ke	ak up the constant of the cons	nt including ne product up materia plastic cor ganics suc p unauthor e equipmer <b>E INFC</b> oroduct. C ial protectivi th soap an- ion (e.g., la away from in place with <b>ERSON</b> <b>ES-TWA</b> NF 1000	and plac I. Sween trainer or th as oil) ized personnent ontents ve equip d warm vo ocal exh incompa hen not in NOHSC ES- STEL NF NF	e into a c p up mate r plastic lin away fron sonnel out ng respiral <b>TION</b> under pre ment is ne vater. aust venti tible subst n use. <b>ROTEC</b>	entainer erial usin eer within n spill. S of area. tory prote essure. ecessary lation, fa tances. F CTION PEL (5) NA	for later g non-sp another stay upwin Stop spi ection as Handle a . Use ch ns) away Protect co OSHA STEL NA NA	Ise a no disposa arking r contain nd and and and and and and and as to av nemical y from h pontainer	on-com al. Do materia er. away fr ease if i ons war void pu goggle neat an s from	bustit not us is (e.s om s t can rant. ncturi rant. d dire physic
7.1	Work & Hygiene Practices: Storage & Handling: Special Precautions: Exposure Limits: ppm (mg/m <sup>3</sup> )	Small Spills:       Wear appropriate promaterial such as vermiculite or saling water or a material such as "spee plastic brooms, shovels, dustpans)         Large Spills:       Keep incompatible more release.         or release.       Isolate immediate haza done with minimal risk.         Wear approversion <b>7. HANDLING 8</b> Do not eat, drink or smoke when container(s).       When used as inten contact is possible.         Use and store in a cool, dry, well sunlight.       Avoid temperatures above damage.         Clean all spills promptly. <b>8. EXPOSURE CONTF</b> ODORLESS MINERAL SPIRITS         DIFLUOROETHANE (R-152A)         DEOXIT® D-SERIES, D100L	nd to so dy dry" t and plac haterials ard area a opriate p <b>&amp; STC</b> handling ded, no ional resi -ventilate e 120 °F. raying ke	ak up the constant of the cons	nt including ne product up materia plastic cor ganics suc p unauthor e equipmer <b>E INFC</b> roduct. C roduct. C ral protectivith soap an- ion (e.g., la away from in place with <b>ERSON</b> ES-TWA NF 1000 NF	and plac I. Sween tainer or th as oil) ized personner tincludi DRMA contents ve equip d warm vo ocal exh incompa hen not in NHSC ES- STEL NF NF NF	ES- PEAK NF NF NF NF NF NF NF NF NF NF NF NF NF	entainer erial usin her within n spill. S of area. tory prote essure. ecessary lation, fa tances. F CTION PEL (5) NA 15	for later g non-sp another Stop spi ection as Handle a . Use ch ns) away Protect co OSHA STEL NA NA	Ise a no disposa arking r contain nd and and and and and and and and and and and and and as to av nemical y from h pontainer IDLH NA NA	on-com al. Do materia er. away fr away fr asse if i ons war void pu goggle neat an s from <u>other</u> <u>MIST</u> SKIN	bustik not us s (e.e. om s t can rant. ncturi s if e d dirr physic
7.1	Work & Hygiene Practices: Storage & Handling: Special Precautions: Exposure Limits:	Small Spills:       Wear appropriate promaterial such as vermiculite or saling water or a material such as "spee plastic brooms, shovels, dustpans)         Large Spills:       Keep incompatible more release.         or release.       Isolate immediate haza done with minimal risk.         Wear approversion <b>7. HANDLING 8</b> Do not eat, drink or smoke when container(s).       When used as inten contact is possible.         Use and store in a cool, dry, well sunlight.       Avoid temperatures above damage.         Clean all spills promptly. <b>8. EXPOSURE CONTF</b> ODORLESS MINERAL SPIRITS         DIFLUOROETHANE (R-152A)	nd to so dy dry" t and plac aaterials ard area a opriate p <b>&amp; STC</b> handling ded, no ional resi -ventilate e 120 °F. raying ke	ak up the constant of the cons	nt including ne product up materia plastic cor ganics suc p unauthor e equipmer <b>E INFC</b> roduct. C nal protective th soap an- ion (e.g., la away from in place where <b>ERSON</b> <b>ES-TWA</b> NF 1000 NF tion is suff	and place I. Sween trainer or the as oil) ized person the includi <b>DRMA</b> Contents ve equiped d warm ve ocal exh incompanen not in <b>ALPI</b> NHSC ES- STEL NF NF NF	EVALUATE SECTION SECTI	container erial usin her within n spill. S of area. tory prote essure. ecessary lation, fa tances. F CTION PEL (5) NA 15 roduct is	for later g non-sp another Stop spi ection as Handle a . Use ch ns) away Protect co OSHA STEL NA NA NA NA	Ise a no disposa arking r contain nd and ill or rele condition as to av nemical / from h ontainer	on-comila. Do materia er. away fr asse if i ons war void pu goggle neat an s from <u>orneet</u> MIST SKIN	bustik not u ls (e. om s t can rant. ncturi s if e d dir physio



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

SDS Revision: 7.2

	Respiratory Protection:	EXPOSURE CONTROLS & PERSONAL PROTECTION – cont'd
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.
8.5	Hand Protection:	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, nitrile or impervious plastic gloves.
8.6	Body Protection:	No apon required when handling small quantities. When handling large quantities (e.g., $\geq$ 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.
		9. PHYSICAL & CHEMICAL PROPERTIES
9.1	Appearance:	
9.1	Appearance: Odor:	Light red aerosol spray/mist
9.2	Odor Threshold:	Ethereal hydrocarbon odor
9.4	pH:	NA
9.5	Melting Point/Freezing Point:	NA
9.5	Initial Boiling Point/Boiling	NA
	Range:	171.1-204 °C @ 760 mm Hg
9.7	Flashpoint:	48.8 – 54.4 °C (120 - 130 °F)
9.8	Upper/Lower Flammability Limits:	NA
9.9	Vapor Pressure:	NA
9.10	Vapor Density:	4.9 (air = 1.0)
9.11	Relative Density:	0.78
9.12	Solubility:	Not soluble in water
9.13	Partition Coefficient (log Pow):	NA
9.14	Autoignition Temperature:	NA
9.15	Decomposition Temperature:	NA
9.16	Viscosity:	10.0 cPs
	Other Information:	
9.17	ourisi morniduom	VOC: 588 g/L, Specific Gravity: 784.94, VOC: 74.9%
9.17	1	10. STABILITY & REACTIVITY
9.17	Stability:	10. STABILITY & REACTIVITY           Stable under normal conditions; unstable with heat or contamination.
9.17 10.1 10.2	Stability: Hazardous Decomposition Products:	Interpretation           Stable under normal conditions; unstable with heat or contamination.           Change in color signifies exposure to ultraviolet light or exceeding shelf life. Will not degrade to unstable products.           Discard solution.
9.17 10.1 10.2 10.3	Stability: Hazardous Decomposition Products: Hazardous Polymerization:	<b>10. STABILITY &amp; REACTIVITY</b> Stable under normal conditions; unstable with heat or contamination.         Change in color signifies exposure to ultraviolet light or exceeding shelf life. Will not degrade to unstable products.         Discard solution.         Will not occur.
9.17 10.1 10.2 10.3 10.4	Stability: Hazardous Decomposition Products: Hazardous Polymerization: Conditions to Avoid:	<b>10. STABILITY &amp; REACTIVITY</b> Stable under normal conditions; unstable with heat or contamination.         Change in color signifies exposure to ultraviolet light or exceeding shelf life. Will not degrade to unstable products.         Discard solution.         Will not occur.         Open flames, sparks, high heat, incompatible substances and direct sunlight.
9.17 10.1 10.2 10.3	Stability: Hazardous Decomposition Products: Hazardous Polymerization:	<b>10. STABILITY &amp; REACTIVITY</b> Stable under normal conditions; unstable with heat or contamination.         Change in color signifies exposure to ultraviolet light or exceeding shelf life. Will not degrade to unstable products.         Discard solution.         Will not occur.
9.17 10.1 10.2 10.3 10.4 10.5	Stability: Hazardous Decomposition Products: Hazardous Polymerization: Conditions to Avoid: Incompatible Substances:	<b>10. STABILITY &amp; REACTIVITY</b> Stable under normal conditions; unstable with heat or contamination.         Change in color signifies exposure to ultraviolet light or exceeding shelf life. Will not degrade to unstable products.         Discard solution.         Will not occur.         Open flames, sparks, high heat, incompatible substances and direct sunlight.         Avoid extreme heat and ignition sources. Store away from oxidizers. <b>11. TOXICOLOGICAL INFORMATION</b>
9.17 10.1 10.2 10.3 10.4 10.5 11.1	Stability: Hazardous Decomposition Products: Hazardous Polymerization: Conditions to Avoid: Incompatible Substances: Routes of Entry:	<b>10. STABILITY &amp; REACTIVITY</b> Stable under normal conditions; unstable with heat or contamination.         Change in color signifies exposure to ultraviolet light or exceeding shelf life. Will not degrade to unstable products.         Discard solution.       Ultraviolet light or exceeding shelf life. Will not degrade to unstable products.         Will not occur.       Open flames, sparks, high heat, incompatible substances and direct sunlight.         Avoid extreme heat and ignition sources. Store away from oxidizers. <b>11. TOXICOLOGICAL INFORMATION</b> Inhalation:       YES       Absorption:       YES       Ingestion:       YES
9.17 10.1 10.2 10.3 10.4 10.5	Stability: Hazardous Decomposition Products: Hazardous Polymerization: Conditions to Avoid: Incompatible Substances:	<b>10. STABILITY &amp; REACTIVITY</b> Stable under normal conditions; unstable with heat or contamination.         Change in color signifies exposure to ultraviolet light or exceeding shelf life. Will not degrade to unstable products. Discard solution.         Will not occur.       Will not occur.         Open flames, sparks, high heat, incompatible substances and direct sunlight.       Avoid extreme heat and ignition sources. Store away from oxidizers. <b>11. TOXICOLOGICAL INFORMATION</b> Inhalation:       YES       Ingestion:       YES         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.       Toxicology data, found in scientific literature, available for some of the components of the product.
9.17 10.1 10.2 10.3 10.4 10.5 11.1 11.2 11.3	Stability: Hazardous Decomposition Products: Hazardous Polymerization: Conditions to Avoid: Incompatible Substances: Routes of Entry: Toxicity Data: Acute Toxicity:	<b>10. STABILITY &amp; REACTIVITY</b> Stable under normal conditions; unstable with heat or contamination.         Change in color signifies exposure to ultraviolet light or exceeding shelf life. Will not degrade to unstable products. Discard solution.         Will not occur.       Will not occur.         Open flames, sparks, high heat, incompatible substances and direct sunlight.       Avoid extreme heat and ignition sources. Store away from oxidizers. <b>11. TOXICOLOGICAL INFORMATION</b> Inhalation:       YES         Absorption:       YES         Ins 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.
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9.17 10.1 10.2 10.3 10.4 10.5 11.1 11.2 11.3 11.4	Stability: Hazardous Decomposition Products: Hazardous Polymerization: Conditions to Avoid: Incompatible Substances: Routes of Entry: Toxicity Data: Acute Toxicity: Chronic Toxicity:	<b>10. STABILITY &amp; REACTIVITY</b> Stable under normal conditions; unstable with heat or contamination.         Change in color signifies exposure to ultraviolet light or exceeding shelf life. Will not degrade to unstable products. Discard solution.         Will not occur.       Open flames, sparks, high heat, incompatible substances and direct sunlight.         Avoid extreme heat and ignition sources. Store away from oxidizers.       Avoid extreme heat and ignition sources. Store away from oxidizers. <b>11. TOXICOLOGICAL INFORMATION</b> Inhalation:       YES       Ingestion:       YES         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.       Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of vapors can caus drowsiness, dizziness, headaches and nausea.         This material may aggravate any pre-existing skin condition (e.g., dermatitis).       This product contains less than 3% Dimethyl Sulfoxide (DMSO) per IP 346.         This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to www.P65Warnings.ca.gov
9.17 10.1 10.2 10.3 10.4 10.5 11.1 11.2 11.3 11.4 11.5	Stability: Hazardous Decomposition Products: Hazardous Polymerization: Conditions to Avoid: Incompatible Substances: Routes of Entry: Toxicity Data: Acute Toxicity: Chronic Toxicity: Suspected Carcinogen:	<b>10. STABILITY &amp; REACTIVITY</b> Stable under normal conditions; unstable with heat or contamination.         Change in color signifies exposure to ultraviolet light or exceeding shelf life. Will not degrade to unstable products. Discard solution.         Will not occur.       Open flames, sparks, high heat, incompatible substances and direct sunlight.         Avoid extreme heat and ignition sources. Store away from oxidizers.       Infalation:         YES       Absorption:       YES         Inhalation:       YES       Ingestion:       YES         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.       Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of vapors can caus drowsiness, dizziness, headaches and nausea.         This product contains less than 3% Dimethyl Sulfoxide (DMSO) per IP 346.       This product does not contain any chemicals known to the State of California to cause cancer or other reproductiv harm. For more information go to www.P65Warnings.ca.gov
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9.17 10.1 10.2 10.3 10.4 10.5 11.1 11.2 11.3 11.4 11.5	Stability:         Hazardous Decomposition         Products:         Hazardous Polymerization:         Conditions to Avoid:         Incompatible Substances:         Routes of Entry:         Toxicity Data:         Acute Toxicity:         Chronic Toxicity:         Suspected Carcinogen:         Reproductive Toxicity:         Mutagenicity:         Embryotoxicity:         Teratogenicity:	<b>10. STABILITY &amp; REACTIVITY</b> Stable under normal conditions; unstable with heat or contamination.         Change in color signifies exposure to ultraviolet light or exceeding shelf life. Will not degrade to unstable products. Discard solution.         Will not occur.       Open flames, sparks, high heat, incompatible substances and direct sunlight.         Avoid extreme heat and ignition sources. Store away from oxidizers.       Ingestion:         YES         Influence of the components of the product.         Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of vapors can caus drowsiness, dizziness, headaches and nausea.         This product contains less than 3% Dimethyl Sulfoxide (DMSO) per IP 346.         This product does not contain any chemicals known to the State of California to cause cancer or other reproducti harm. For more information go to www.P65Warnings.ca.gov         This product is not reported to produce mutagenic effects in humans.         This product is not reported to produce mutagenic effects in humans.



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

SDS Revision: 7.2

SDS Revision Date: 5/31/2022

	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.			

## 13. DISPOSAL CONSIDERATIONS

 13.1
 Waste Disposal:
 Dispose of in accordance with federal, state and local regulations.

 13.2
 Special Considerations:
 U.S. EPA RCRA Hazardous Waste: D001 (Characteristic – Ignitability). California Waste Code: 331 (liquid concentrate).

## 14. TRANSPORTATION INFORMATION

		er, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. A/ICAO, IMDG and the CTDGR.	Additional descriptive information
14.1	49 CFR (GND):	UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1.0 L); or CONSUMER COMMODITY, ORM-D (IP VOL ≤ 1.0 L) – until 12/31/2020	$\diamond$
14.2	IATA (AIR):	UN1950, AEROSOLS, FLAMMABLE, 2.1 (LTD QTY, IP VOL $\leq$ 0.5 L); or ID8000, CONSUMER COMMODITY, ORM-D (IP VOL $\leq$ 0.5 L)	
14.3	IMDG (OCN):	UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL $\leq 1.0$ L)	$\diamond$
14.4	TDGR (Canadian GND):	UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1.0 L); or MARK PACKAGE "LIMITED QUANTITY," "LTD QTY," or "QUANT LTÉE" or "QUANTITÉ LIMITÉE"	$\diamond$
14.5	ADR/RID (EU):	UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL $\leq 1.0$ L)	$\diamond$
14.6	SCT (MEXICO):	UN1950, AEROSOLES, 2.1 (CANTIDAD LIMITADA, IP VOL ≤ 1.0 L)	$\diamond$
14.7	ADGR (AUS):	UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL $\leq$ 1.0 L)	$\diamond$

# 15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements:	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.			
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.			
15.4	CERCLA Reportable Quantity:	NA			
15.5	Other Federal Requirements:	None of the ingredients in this mixture are listed as Hazardous Air Pollutants (HAPs). None of the ingredients in this mixture are listed as a Priority Pollutant under the CWA. None of the ingredients in this mixture are listed as a Toxic Pollutant under the CWA.			
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the MSDS 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. WHMIS Class B5, D2B (Flammable Aerosol, Other Toxic Effects).			
15.7	State Regulatory Information:	Difluoroethane can be found on the following state criteria lists: MA and NJ. 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 (MA), 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.			
15.8	Other Requirements:	NA GARAGE CONTRACTOR OF CONTRACT			



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SDS Revision: 7.2

		16. OTHER INFORMATION
16.1	Other Information:	DANGER! EXTREMELY FLAMMABLE AEROSOL. PRESSURIZED CONTAINER: MAY BURST IF HEATED. MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. Keep away from heat, hot surface, sparks, open flames and other ignition sources. No smoking. Provide good ventilation in process area to prevent formation of vapor. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing fume/gas/mist/vapor/spray. WARNING – ELECTRIC SHOCK HAZARD: This can will conduct electricity – keep away from all live electrical sources including battery terminals, electrical panels, and other electrical components. Failure to observe this warning may result in serious injury. Wear protective gloves, eye protection and face protection. Wash hands and exposed skin areas with soap and water thoroughly after handling. In case of fire, CO <sub>2</sub> Halon (if permitted), dry chemical, or foam for extinction. IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. If skin irritation occurs: get medical advice/attention. Keep Cool. Protect from sunlight. Do not expose to temperatures exceeding 50 °C (122 °F). KEEP LOCKED UP. KEEP 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



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REACTIVITY

SPECIAL PRECAUTIONS

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

SDS Revision: 7.2

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	ACGIH American Conference on Governmental Industrial Hygienists			
IDLH	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:

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.
and provide oxygen to the body.

### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

## 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:



#### 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				
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

explode or ignite in the presence of an ignition source

Upper Explosive Limit - highest percent of vapor in air, by volume, that will

HAZARD RATINGS:	

UEL

0	Minimal Hazard	FLAMMABILITY			
1	Slight Hazard				
2	Moderate Hazard				
3	Severe Hazard				
4	Extreme Hazard				
ACD	Acidic				
ALK	Alkaline				
COR	Corrosive	ר 🔨 🗸			
W	Use No Water	HEALTH			
ох	Oxidizer				
TREFOIL	Radioactive				

#### TOXICOLOGICAL INFORMATION:

LD <sub>50</sub>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC <sub>50</sub>	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD <sub>Io</sub>	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 Oil/Water Distribution

### **REGULATORY INFORMATION:**

WHMIS	Canadian Workplace Hazardous Material Information System			
DOT	U.S. Department of Transportation			
тс	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)			

### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

$\bigcirc$	۲	٨		Ð			
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:

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