

Page 1 of 6 SDS-E-DDW-V610A

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

SDS Revision: 4.1

1.1						IDE	NII	-ICA		N				
	Product Name:	DEOXIT®	DEGREA	SER WA	SH									
1.2	Chemical Name:	See ingredient	s listed in sect	ion 3										
1.3	Synonyms:	DeoxIT [®] Degre												
1.4	Trade Names:	DeoxIT [®] Degre												
		Deoxin Degre												
		Part No. DDW-	-V611 (156 gra	ams) [.] Pa	art No. DE)W-V6	10 (28	4 aram	ns)					
		r art no. DD m	vor (100 gie	, ino), i c			10 (20	' gran	10)					
1.5	Product Uses & Restrictions:	Cleaning Com	Cleaning Compound											
1.6	Distributor's Name:	CAIG Laborato												
1.7	Distributor's Address:	12200 Thatche		v. CA 92064-6	876 USA									
1.8	Emergency Phone:	CHEMTRE					-930		N204	5206)				
1.9	Business Phone / Fax:			521-50017	. 1 (000) 424	-330		11200	200)				
1.0	Eddinedd i Hone / Fdx.	+1 (800) 224-4	123											
			2 4	ZARDS I			ATI	אר						
2.1	Hazard Identification:	This product									0110	000		
2.1		according to th										GOOL	5	
		DANGER! EX										BIID	эт	
		IF HEATED.												
		BE FATAL IF					2							
		Classification:	Aerosol 1, Asp	. Tox. 1, Skin	Irrit. 2, ST	OT SE	Ξ3							
2.2	Label Elements:	Hazard Statem						229 –	Pressu	rized o	contaiı	ner; m	ay	
		burst if heated												
		irritation. H336	6 – may cause	drowsiness or	dizzines	S.								
		Precautionary												
		other ignition s												
		source. P233												$\langle \langle \gamma \rangle \rangle$
		P261 – Avoid I												
		- Use only ou												
			P301+P310 – IF SWALLOWED: Immediately call a POISON CENTER/doctor. P331 – Do NOT induce vomiting P302+P352 – IF ON SKIN: Wash with plenty water and soap P321 – For											
		induce vomiting. P302+P352 – IF ON SKIN: Wash with plenty water and soap. P321 – For specific treatment, see Section 4 of this Safety Data Sheet. P332+P313 – If skin irritation occurs:												
					KIN: Wa	sh witł	h plen		er and	soap.		21 – F	or	
			ent, see Section	on 4 of this Sa	KIN: Wa fety Data	sh with Sheet	h plen t. P33	32+P3	er and 13 – If	soap. skin ir	ritatior	21 – F n occu	[:] or rs:	
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CHEM NAPH HYDF DIFLL	ICAL NAME(S) ITHA (PETROLEUM), ROTREATED LIGHT	specific treatm get medical ad P304+P340 – – Call a POISC Keep containe expose to tem licensed treatm In the event of local poison cc SDS. KEEP C 3. CO CAS No. 64742-49-0 Asp. Tox. 1; H3 75-37-6 Flam. Gas 1, Li 110-54-3	ent, see Section vice/attention. IF INHALED: F ON CENTER/c r tightly closed inperatures exc intent, storage of an exposure of ontrol center, w DUT OF REAC MPOSITI RTECS No. NA 304 K14100000 ig. Gas; H220, H MN9275000	on 4 of this Sa P362 +P364 Remove perso loctor if you fe . P405 – Storn eeding 50 °C r disposal facii or medical inqu who may seek H OF CHILDR ON & INC EINECS No. 265-151-9	KIN: Wa fety Data - Take off n to fresh el unwell. e locked u / 122 °F ity (TSDF uiry involv advice fro ER. BREDI % 60-100	sh with Sheet contain P403 up. P41 . P50	n plent t. P33 minate d keep 3+P233 10+P4 11 - D s prod U.S. 1 U.S. 1 INF GIH STEL NA	32+P3 ad cloth p comf 3- Stor 12 – P ispose luct, pl manufa CORI Es- TWA 100 1000	er and 13 – If ning and ortable rotect f e of con ease co acturer, VATI EXPO NOHSC ppm ES- STEL NF 1760	soap. skin ir d wash for br well-ve rom su ntents/ ontact , and s SURE L ES- PEAK NF NF	ritatior n befor eathin entilate unlight /contai a phy show t MITS IN PEL NA 1800	21 – F n occur re reus g. P3 ed plac . Do r ner to sician hem th osha ppm stel NA NA	rs: se. 12 xe. not a or nis g/m ³)	SKIN
CHEM NAPH HYDF DIFLL	ICAL NAME(S) ITHA (PETROLEUM), ROTREATED LIGHT JOROETHANE (R-152A)	specific treatm get medical ad P304+P340 – – Call a POISC Keep containe expose to tem licensed treatm In the event of local poison cc SDS. KEEP C 3. CO CAS No. 64742-49-0 Asp. Tox. 1; H3 75-37-6 Flam. Gas 1, Li 110-54-3 Flam. Liq. 2, As	ent, see Section vice/attention. IF INHALED: F ON CENTER/c r tightly closed inperatures exc ment, storage o an exposure of ontrol center, w DUT OF REAC MPOSITI MPOSITI NA 304 K14100000 ig. Gas; H220, H MN9275000 sp. Tox. 1, Skin I	on 4 of this Sa P362 +P364 Remove perso loctor if you fe . P405 – Storn eeding 50 °C r disposal facil or medical inqu who may seek H OF CHILDR ON & INC EINECS No. 265-151-9 200-866-1 280 203-777-6 rrit. 2, STOT SE	KIN: Wa fety Data - Take off n to fresh el unwell. e locked u / 122 °F ity (TSDF uiry involv advice fro ER. CREDI % 60-100 10-30 ≤ 5.0 3; STOT F	sh with Sheet contain air an P403 up. P41 . P50	n plent t. P33 minate d keep 3+P233 10+P4 11 - D s prod U.S. r INF GIH STEL NA NA Tronic A	32+P3 ad cloth o comf 3- Stor 12 – P ispose luct, pl manufa CORI ES- TWA 100 1000 500 xq. Tox.	er and 13 – If ing and ortable rotect f o of con ease co acturer, NATI EXPO NOHSC ppm ES- STEL NF 1760 2; H225	soap. skin ir d wash for br well-ve rom su ntents/ ontact , and s SURE L ES- PEAK NF NF	ritatior n befor eathin entilate unlight (contai a phy show t MITS IN PEL NA NA 1800 4, H315	21 – F n occur re reus g. P3 ed plac . Do r ner to sician hem th osha ppm stel NA NA 3600 H336,	or rs: se. 12 12 bot or nis g/m³) IDLH NA NA H373,	SKIN H411
CHEM NAPH HYDF DIFLU n-HE	ICAL NAME(S) ITHA (PETROLEUM), ROTREATED LIGHT JOROETHANE (R-152A)	specific treatm get medical ad P304+P340 – – Call a POISC Keep containe expose to tem licensed treatm In the event of local poison cc SDS. KEEP C 3. CO CAS No. 64742-49-0 Asp. Tox. 1; H3 75-37-6 Flam. Gas 1, Li 110-54-3 Flam. Liq. 2, As 64-17-5	ent, see Section vice/attention. IF INHALED: F ON CENTER/c r tightly closed operatures exc nent, storage of an exposure of ontrol center, w DUT OF REAC MPOSITI MPOSITI RTECS No. NA 04 [K14100000 ig. Gas; H220, H MN9275000 sp. Tox. 1, Skin 1 KQ6300000	on 4 of this Sa P362 +P364 Remove perso loctor if you fe . P405 – Storn eeding 50 °C r disposal facii or medical inqu who may seek H OF CHILDR ON & INC EINECS No. 265-151-9	KIN: Wa fety Data - Take off n to fresh el unwell. e locked u / 122 °F ity (TSDF uiry involv advice fro ER. BREDI % 60-100	sh with Sheet contain P403 up. P41 . P50	n plent t. P3: minate d keep 3+P23: 10+P4 11 - D s prod U.S. r INF GIH STEL NA NA Tronic A	32+P3 ad cloth o comf 3- Stor 12 – P ispose luct, pl manufa CORI ES- TWA 100 1000 500 xq. Tox.	er and 13 – If ning and ortable rotect f e of con ease co acturer, VATI EXPO NOHSC ppm ES- STEL NF 1760	soap. skin ir d wash for br well-ve rom su ntents/ ontact , and s SURE L ES- PEAK NF NF	ritatior n befor eathin entilate unlight (contai a phy show t MITS IN PEL NA NA 1800 4, H315	21 – F n occur re reus g. P3 ed plac . Do r ner to sician hem th osha ppm stel NA NA	or rs: se. 12 12 bot or nis g/m³) IDLH NA NA H373,	SKIN H411
CHEM NAPH HYDF DIFLU n-HE	ICAL NAME(S) ITHA (PETROLEUM), ROTREATED LIGHT JOROETHANE (R-152A) XANE	specific treatm get medical ad P304+P340 – – Call a POISC Keep containe expose to tem licensed treatm In the event of local poison cc SDS. KEEP C 3. CO CAS No. 64742-49-0 Asp. Tox. 1; H3 75-37-6 Flam. Gas 1, Li 110-54-3 Flam. Liq. 2, As 64-17-5 Flam. Liq. 2; H2	ent, see Section vice/attention. IF INHALED: F ON CENTER/c r tightly closed peratures exc nent, storage of an exposure of ontrol center, w DUT OF REAC MPOSITI MPOSITI RTECS No. NA 104 [K14100000 ig. Gas; H220, H MN9275000 sp. Tox. 1, Skin 1 KQ6300000 225	on 4 of this Sa P362 +P364 Remove perso loctor if you fe . P405 – Storn eeding 50 °C r disposal facii or medical inqu who may seek H OF CHILDR ON & INC EINECS No. 265-151-9 200-866-1 280 203-777-6 rrit. 2, STOT SE 200-578-6	KIN: Wa fety Data - Take off n to fresh el unwell. e locked u / 122 °F ity (TSDF uiry involv advice fro EN. CREDI 60-100 10-30 ≤ 5.0 3; STOT F ≤ 2.0	sh with Sheet contain air an P403 up. P41 . P50	n plent t. P33 minate d keep 3+P233 10+P4 11 - D s prod U.S. r INF GIH STEL NA NA NA NA	32+P3 ad cloth 5 comf 3- Stor 12 – P iispose luct, pl manufa CORI ES- TWA 1000 500 4. Tox. 1000	er and 13 – If ing and ortable rotect f e of con ease co acturer, NF NF 1760 2; H225 1800	soap. skin ir d wash for br well-ve rom su ntents/ ontact , and s SURE L SURE L SURE L SURE L SURE L SURE L SURE L	ritatior n befor eathin entilate unlight (contai a phy show t MITS IN PEL NA PEL NA 1800 4, H315 1000	21 – F n occur re reus g. P3 ed plac . Do r ner to sician hem th osha ppm stel NA STEL NA 3600 . H336, 1900	or rs: se. 12 12 bot or nis g/m³) IDLH NA NA H373, 33000	SKIN H411
CHEM NAPP HYDF DIFLU n-HE2 ETHA	ICAL NAME(S) ITHA (PETROLEUM), ROTREATED LIGHT JOROETHANE (R-152A) XANE	specific treatm get medical ad P304+P340 – – Call a POISC Keep containe expose to tem licensed treatm In the event of local poison cc SDS. KEEP C 3. CO CAS No. 64742-49-0 Asp. Tox. 1; H3 75-37-6 Flam. Gas 1, Li 110-54-3 Flam. Liq. 2, As 64-17-5 Flam. Liq. 2; H2 67-56-1	ent, see Section vice/attention. IF INHALED: F ON CENTER/c r tightly closed in exposure control center, w DUT OF REAC MPOSITI MN9275000 sp. Tox. 1, Skin 1 KQ6300000 225 PC1400000	on 4 of this Sa P362 +P364 Remove perso loctor if you fe . P405 – Storn eeding 50 °C or disposal facii for medical inqu who may seek H OF CHILDR ON & INC EINECS No. 265-151-9 200-866-1 280 203-777-6 rrit. 2, STOT SE 200-578-6	KIN: Wa fety Data - Take off n to fresh el unwell. e locked u / 122 °F ity (TSDF uiry involv advice fro EN. BREDI 60-100 10-30 ≤ 5.0 3; STOT F ≤ 2.0	sh with Sheet contain air an P403 up. P41 . P50	n plent t. P33 minate d keep 3+P233 10+P4 11 - D is prod U.S. r INF GIH om STEL NA NA Tronic A 3000	32+P3 ad cloth o comf 3- Stor 12 – P iispose luct, pl manufa CORI ES- TWA 100 1000 500 vq. Tox. 1000	er and 13 – If ing and ortable rotect f e of con ease co acturer, NATI EXPO NOHSC ppm ES- STEL NF 1760 2; H225 1800	soap. skin ir d wash for br well-ve rom su ntents/ ontact , and s SURE L SURE L SURE L SURE L SURE L SURE L SURE L SURE L SURE L SURE L	ritatior n befor eathin entilate unlight (contai a phy show t <u>IMITS IN</u> <u>PEL</u> NA <u>1800</u> 1800 200	21 – F n occur re reus g. P3 ed plac . Do r ner to sician hem th NA NA <u>3600</u> H336, 1900	or rs: se. 12 12 bot or nis g/m³) IDLH NA NA H373,	SKIN H411
CHEM NAPP HYDF DIFLU n-HE2 ETHA	ICAL NAME(S) ITHA (PETROLEUM), ROTREATED LIGHT JOROETHANE (R-152A) XANE INOL (SD ALCOHOL 40B)	specific treatm get medical ad P304+P340 – – Call a POISC Keep containe expose to tem licensed treatm In the event of local poison cc SDS. KEEP C 3. CO CAS No. 64742-49-0 Asp. Tox. 1; H3 75-37-6 Flam. Gas 1, Li 110-54-3 Flam. Liq. 2, As 64-17-5 Flam. Liq. 2; H2 67-56-1 Flam. Liq. 2; A2	ent, see Section vice/attention. IF INHALED: F ON CENTER/c r tightly closed peratures exc nent, storage of an exposure of ontrol center, w DUT OF REAC MPOSITI MPOSITI MIN9275000 ap. Tox. 1, Skin I KQ6300000 225 PC1400000 cute Tox. 3 *; Action Vice/Attention Control Center, w Control Center, w Contro	on 4 of this Sa P362 +P364 Remove perso loctor if you fe . P405 – Storn eeding 50 °C r disposal facii or medical inqu vho may seek H OF CHILDR ON & INC EINECS No. 265-151-9 200-866-1 280 203-777-6 rrit. 2, STOT SE 200-578-6 200-659-6 ute Tox. 3 *; Acu	KIN: Wa fety Data - Take off n to fresh el unwell. e locked u / 122 °F ity (TSDF uiry involv advice fro EN. CREDI 60-100 10-30 ≤ 5.0 3; STOT F ≤ 2.0	sh with Sheet contain air an P403 up. P41 . P50	n plent . P3: minate d keep 3+P23: 10+P4 11 - D s prod U.S. r INF GIH STEL NA NA NA NA SE 1; H	32+P3 ad cloth 5 comf 3- Stor 12 – P ispose luct, pl manufa CORI ES- TWA 100 1000 500 q. Tox. 1000 (200) 1225, H	er and 13 – If ing and ortable rotect f e of con ease cr acturer, NF NF 1760 2; H225 1800 262 331, H3	soap. skin ir d wash for br well-ve rom su ntents/ ontact , and s SURE L SURE SURE SURE SURE SURE SURE SURE SURE	ritatior n befor eathin entilate unlight (contai a phy show t MITS IN PEL NA 1800 0, H315 1000 200 01, H315	21 – F n occur re reus g. P3 ed plac . Do r ner to sician hem th sician hem th OSHA ppm STEL NA 3600 . H336, 1900	ior rs: ise. 12 or ise. ise. ise. g/m³) IDLH NA NA NA 1373, 3300 60000	SKIN H411
CHEM NAPH HYDF DIFLU n-HEZ ETHA METH	ICAL NAME(S) ITHA (PETROLEUM), ROTREATED LIGHT JOROETHANE (R-152A) XANE INOL (SD ALCOHOL 40B)	specific treatm get medical ad P304+P340 – – Call a POIS(Keep containe expose to tem licensed treatm In the event of local poison cc SDS. KEEP C 3. CO 64742-49-0 Asp. Tox. 1; H3 75-37-6 Flam. Gas 1, Li 110-54-3 Flam. Liq. 2, As 64-17-5 Flam. Liq. 2; H2 67-56-1 Flam. Liq. 2; As	ent, see Section vice/attention. IF INHALED: F ON CENTER/c r tightly closed peratures exc nent, storage of an exposure of ontrol center, w DUT OF REAC OMPOSITI MPOSITI MIN9275000 sp. Tox. 1, Skin 1 KQ6300000 225 PC1400000 cute Tox. 3 *; Action NT8050000	on 4 of this Sa P362 +P364 Remove perso loctor if you fe . P405 – Storn eeding 50 °C r disposal faci or medical inqu vho may seek H OF CHILDR ON & INC EINECS No. 200-866-1 280 200-866-1 280 200-578-6 200-659-6 ute Tox. 3 *; Acu 200-661-7	KIN: Wa fety Data - Take off n to fresh el unwell. e locked u / 122 °F ity (TSDF uiry involv advice fro EN. CREDI 60-100 10-30 ≤ 5.0 3; STOT F ≤ 2.0 ≤ 1.0 te Tox. 3 * ≤ 1.0	sh with Sheet contain air an P403 up. P41 . P50	n plent t. P33 minate d keep 3+P233 10+P4 11 - D is prod U.S. r INF GIH om STEL NA NA Tronic A 3000	32+P3 ad cloth o comf 3- Stor 12 – P iispose luct, pl manufa CORI ES- TWA 100 1000 500 vq. Tox. 1000	er and 13 – If ing and ortable rotect f e of con ease cr acturer, NF NF 1760 2; H225 1800 262 331, H3	soap. skin ir d wash for br well-ve rom su ntents/ ontact , and s SURE L SURE L SURE L SURE L SURE L SURE L SURE L SURE L SURE L SURE L	ritatior n befor eathin entilate unlight (contai a phy show t <u>IMITS IN</u> <u>PEL</u> NA <u>1800</u> 1800 200	21 – F n occur re reus g. P3 ed plac . Do r ner to sician hem th NA NA <u>3600</u> H336, 1900	or rs: se. 12 12 bot or nis g/m³) IDLH NA NA H373, 33000	SKIN H411
CHEM NAPH HYDF DIFLU n-HEZ ETHA METH	ICAL NAME(S) ITHA (PETROLEUM), ROTREATED LIGHT JOROETHANE (R-152A) XANE INOL (SD ALCOHOL 40B)	specific treatm get medical ad P304+P340 – – Call a POIS(Keep containe expose to tem licensed treatm In the event of local poison cc SDS. KEEP C 3. CO 6 4742-49-0 Asp. Tox. 1; H3 75-37-6 Flam. Gas 1, Li 110-54-3 Flam. Liq. 2; As 64-17-5 Flam. Liq. 2; As 67-63-0 Flam. Liq. 2; Ex	ent, see Section vice/attention. IF INHALED: F ON CENTER/c r tightly closed peratures exc ontrol center, w DUT OF REAC MPOSITI MDOSITI MN9275000 g. Gas; H220, H MN9275000 g. Tox. 1, Skin I KQ6300000 g25 PC1400000 cute Tox. 3 *; Act NT8050000 ye Irrit. 2; STOT	on 4 of this Sa P362 +P364 Remove perso loctor if you fe . P405 – Storn eeding 50 °C rr disposal facii for medical inqu who may seek H OF CHILDR ON & INC EINECS No. 265-151-9 200-866-1 280 203-777-6 rrit. 2, STOT SE 200-578-6 200-659-6 ute Tox. 3 *; Acu 200-661-7 SE 3; H225, H31	KIN: Wa fety Data - Take off n to fresh el unwell. e locked u / 122 °F ity (TSDF uiry involv advice fro EN. CREDI 60-100 10-30 ≤ 5.0 3; STOT F ≤ 2.0 ≤ 1.0 te Tox. 3 * ≤ 1.0 9, H336	sh with Sheet contain a air an P403 up. P413 . P50	n plent . P3: minate d keep 3+P23: 10+P4 11 - D s prod U.S. r INF GIH om STEL NA NA NA NA 1000 SE 1; H 500	32+P3 ad cloth p comf 3- Stor 12 – P ispose luct, pl manufa CORI ES- TWA 100 1000 500 40. Tox. 1000 1225, H (400)	er and 13 – If ing and ortable rotect f e of con ease co acturer, NATI EXPO NOHSC ppm ES- STEL NF 1760 2; H225 1800 262 1331, H3 983	soap. skin ir d wash for br well-ve rom suntents/ ontact , and s SURE L SURE L	ritatior n befor eathin entilate unlight /contai a phy show t <u>IMITS IN</u> <u>PEL</u> NA <u>1800</u> 1000 200 01, H315 1000	21 – F n occur re reus g. P3 ed plac . Do r ner to sician hem th osha ppm stel NA NA 3600 H336, 1900	ior rs: se. 12 se. 12 iot a or a or a g/m³) IDLH NA NA NA 3300 60000 20000	SKIN H411
CHEM NAPH HYDF DIFLU ETHA METH 2-PR(ICAL NAME(S) ITHA (PETROLEUM), ROTREATED LIGHT JOROETHANE (R-152A) XANE INOL (SD ALCOHOL 40B)	specific treatm get medical ad P304+P340 – – Call a POISC Keep containe expose to tem licensed treatm In the event of local poison cc SDS. KEEP C 3. CO 64742-49-0 Asp. Tox. 1; H3 75-37-6 Flam. Gas 1, Li 110-54-3 Flam. Liq. 2; As 64-17-5 Flam. Liq. 2; As 67-63-0 Flam. Liq. 2; Ex 108-10-1	ent, see Section vice/attention. IF INHALED: F ON CENTER/c r tightly closed peratures exc nent, storage of an exposure of ontrol center, w DUT OF REAC OMPOSITI MPOSITI MIN9275000 sp. Tox. 1, Skin 1 KQ6300000 225 PC1400000 cute Tox. 3 *; Action NT8050000	on 4 of this Sa P362 +P364 Remove perso loctor if you fe . P405 – Storn eeding 50 °C rr disposal facii for medical inqu who may seek H OF CHILDR ON & INC EINECS No. 200-866-1 280 200-866-1 280 200-578-6 200-659-6 ute Tox. 3 *; Acu 200-661-7 SE 3; H225, H31 203-550-1	KIN: Wa fety Data - Take off n to fresh el unwell. e locked u / 122 °F ity (TSDF uiry involv advice fro EN. CREDI 60-100 ≤ 5.0 3; STOT F ≤ 2.0 ≤ 1.0 te Tox. 3 * ≤ 1.0 9, H336 ≤ 1.0	sh with Sheet contain air an P403 up. P41 . P50 	n plent . P3: minate d keep 3+P23: 10+P4 11 - D s prod U.S. r INF GIH om STEL NA NA NA NA 1000 SE 1; H 500 75	32+P3 ad cloth o comf 3- Stor 12 – P ispose luct, pl manufa CORI ES- TWA 100 1000 500 40. Tox. 1000 (200) 1225, H (400) (50)	er and 13 – If ing and ortable rotect f o of con ease cr acturer, NF NF 1760 2; H225 1800 262 331, H3	soap. skin ir d wash for br well-ve rom su ntents/ ontact , and s SURE L SURE SURE SURE SURE SURE SURE SURE SURE	ritatior n befor eathin entilate unlight /contai a phy show t MITS IN PEL NA 1800 0, H315 1000 200 01, H315	21 – F n occur re reus g. P3 ed plac . Do r ner to sician hem th sician hem th OSHA ppm STEL NA 3600 . H336, 1900	ior rs: ise. 12 or ise. ise. ise. g/m³) IDLH NA NA NA 1373, 3300 60000	SKIN H411



4.1

4.2

4.3

4.4

4.5

4.6 4.7

5.1

5.2 5.3

6.1

SAFETY DATA SHEET

Page 2 of 6 SDS-E-DDW-V610A

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 4.1 SDS Revision Date: 8/3/2023

		4. FIRST AID MEASURES		
First Aid:	Ingestion:	If ingested, do not induce vomiting. If product has IMMEDIATELY. If the patient is vomiting, continue to of unconscious person. Contact the nearest Poison Contro estimate of the time at which the material was ingest	fer water or milk. Never give I Center or local emergency n	water or milk to an umber. Provide an
	<u>Eyes</u> :	swallowed. Splashes are not likely; however, if product gets in the water for at least 15 minutes lifting upper and lower lids, Get medical attention.		
	<u>Skin</u> :	Wash thoroughly with soap and water. In case of contact least 15 minutes. Treat for frostbite if necessary, be gen swelling persists, contact a physician immediately.		
	Inhalation:	Remove victim to fresh air at once. If breathing difficult, a artificial respiration. Keep person warm, quiet and get me		g stops give
Effects of Exposure:	Ingestion: Eyes:	If product is swallowed, may cause nausea, vomiting and Moderately irritating to the eyes. Symptoms of overexpo- watering.	osure may include redness, ite	-
	<u>Skin:</u>	May be irritating to skin. The product can cause allergic some sensitive individuals.	skin reactions (e.g., rashes, v	welts, dermatitis) in
0	Inhalation:	None expected.		
Symptoms of Overexposure:	Ingestion: <u>Eyes</u> : <u>Skin</u> :	Nausea, intestinal discomfort, vomiting and/or diarrhea. Overexposure in eyes may cause redness, itching and wa Symptoms of skin overexposure may include redness, i like symptoms. The product can cause allergic skin re individuals.	itching, and irritation of affecte	
Acute Health Effects:	drowsiness,	ritation to eyes and skin near affected areas. Addition dizziness, headaches and nausea. Frostbite like effect to sl	kin.	•
Chronic Health Effects:	respiratory h	re may trigger asthma-like symptoms in some sensitive incompensative incom	dividuals. May also induce sk	in sensitization and
Target Organs:		Respiratory System.		
Medical Conditions Aggravated by Exposure:			HEALTH	2
	target organ	s (eyes, skin, and respiratory system).	FLAMMABILITY	3
			PHYSICAL HAZARDS	1
			PROTECTIVE EQUIPMEN	NT B
			EYES SKIN	
Fire & Explosion Hazards:	Lovel 3 Aere	5. FIREFIGHTING MEASURES psol (NFPA 30B). Aerosols may burst at temperatures abo	vo 120 °E Cool uninvolved	
	containers to aerosols are However, if i (e.g., CO, H	o prevent possible bursting. Aerosols may be projectile e bursting, stay clear until bursting is complete. This involved in a fire, this product may decompose at high temp ydrogen Fluoride).	hazards when bursting. If product is not flammable. peratures to form toxic gases	
Extinguishing Methods:		n, CO ₂ , Dry Chemical. Use water spray to cool unopened c		3
Firefighting Procedures:	breathing ap after the fire fire upwind. Prevent rund any natural pressure set	s for surrounding materials. As in any fire, wear MSHA/NIO oparatus (pressure-demand) and full protective gear. Kee a is out. Use water spray to cool fire-exposed surfaces and Avoid spraying water directly into storage containers beca off from fire control or dilution from entering sewers, drain waterway. Firefighters must use full bunker gear includin If-contained breathing apparatus to protect against potentia on products and oxygen deficiencies.	ep containers cool until well d to protect personal. Fight ause of danger of boil-over. is, drinking water supply, or ig NIOSH-approved positive	2 0
		6. ACCIDENTAL RELEASE MEASUR		
Spills:	Equipment. Small Spills material suc water or a r plastic broor Large Spills or release.	ning any spill or leak, individuals involved in spill clean Plastic or rubber gloves, respirator, eye protection and apr Wear appropriate protective equipment including gloves a ch as vermiculite or sand to soak up the product and place material such as "speedy dry" to soak up material. Sweet ms, shovels, dustpans) and place into a plastic container or c Keep incompatible materials (e.g., organics such as oil) a Isolate immediate hazard area and keep unauthorized pers inimal risk. Wear appropriate protective equipment includin	ron may be required for clean- and protective eyewear. Use e into a container for later dis p up material using non-spark plastic liner within another cor away from spill. Stay upwind connel out of area. Stop spill of	up of large spills. a non-combustible posal. Do not use ing materials (e.g., ntainer. and away from spill r release if it can be



9.15

9.16

9.17

Viscosity:

Other Information:

Decomposition Temperature:

NA

NA

VOC: 75%

SAFETY DATA SHEET

Page 3 of 6 SDS-E-DDW-V610A

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

SDS Revision: 4.1

TTOP			12/200	0/20 00	anaarao	0.0			000		In Bato. 6/6/2020
		7. HANDLIN	IG &	STO	RAGE	INFOF	RMATIC)N			
7.1	Work & Hygiene Practices:	Do not eat, drink or smoke container(s). When used as contact is possible. Wash un	when I intende	handling ed, no a	g this proc additional	duct. Cor protective	ntents unde equipment	er press			
7.2	Storage & Handling:	Use and store in a cool, dry sunlight. Avoid temperatures damage. To avoid unintentio	, well-v above	/entilate 120 °F.	d location Keep aw	(e.g., loc ay from ine	al exhaust compatible	ventilat substar	ion, fan nces. Pr	s) away otect co	from heat and direct from heat and direct from heat and direct from physical from the second se
7.3	Special Precautions:	Clean all spills promptly.									
		8. EXPOSURE CO			<u>& PER</u>		L PRO	ГЕСТ	ION		•
8.1	Exposure Limits:			GIH		NOHSC	1		OSHA	1	OTHER
	ppm (mg/m ³)	CHEMICAL NAME(S)	TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
		N-HEXANE	1800	NA	500	1760	NF	1800	3600	NA	
		DIFLUOROETHANE (R-152A)	1000	NA	1000	NF	NF	NA	NA	NA	SKIN
		ETHANOL (SD ALCOHOL 40B)	1000	3000	1000	1800	NF	1000	1900	3300	
		METHANOL	200	250	(200)	262	NF	200	250	6000	
		2-PROPANOL	400	500	(400)	983	NF	400	500	2000	
8.2		METHYL ISOBUTYL KETONE	50	75	(50)	205	NF	100	NF	500	
8.3	Ventilation & Engineering Controls: Respiratory Protection:	General mechanical (e.g., fa exhaust ventilation to effecti product. Ensure appropriate	vely rer deconta	move a aminatio	nd preven on equipme	t buildup ent is avail	of vapors able (e.g.,	or mist sink, sa	generat fety sho	ted from wer, eye	n the handling of this e-wash station).
		instances where dusts of this protection authorized by 29 CAS Standard Z94.4-93 and Australia.	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 rec when handling or using large					ise. Safety	glasse	s could	be used	
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								
8.6	Body Protection:	No apron required when han eye wash stations and delug involving large quantities of th	je shov	vers sho	ould be av	ailable.	Upon comp	letion c	of work	activities	
				_				-			
		9. PHYSIC		CHE		_ PROI	PERTIE	S			
9.1	Appearance:	Colorless to pale yellow liquid									
9.2	Odor:	Solvent-like odor									
9.3	Odor Threshold:	NA									
9.4	pH:	NA									
9.5	Melting Point/Freezing Point:	NA									
9.6	Initial Boiling Point/Boiling	58- 64 °C (136.4-147.2 °F) (lo	west co	ompone	ent)						
9.7	Range: Flashpoint:	-17 °C (1.4 °F) (lowest compo			,						
9.8	Upper/Lower Flammability	LEL: 1.2 % / UEL: 6.7%	nent),	100							
9.9	Limits: Vapor Pressure:	NA									
9.10	Vapor Density:	NA									
9.11	Relative Density:	0.66									
	•										
9.12	Solubility:	Negligible									
9.13	Partition Coefficient (log Pow):	NA									
9.14	Autoignition Temperature:	NA									
0.15	Decomposition Temperature:	N1.A									

	10. STABILITY & REACTIVITY				
10.1	Stability:	Stable under normal conditions; unstable with heat or contamination.			
10.2	Hazardous Decomposition Products:	Change in color signifies exposure to ultraviolet light or exceeding shelf life. Will not degrade to unstable products. Discard solution.			
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.			



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

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		11. TOXICOLOGICAL INFORMATION						
11.1	Routes of Entry:	Inhalation: YES Absorption: YES	Ingestion: YES					
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, available for some of the components of the product.	found in scientific literature, is					
11.3	Acute Toxicity:	Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches and nausea.						
11.4	Chronic Toxicity:	This material may aggravate any pre-existing skin condition (e.g., dermatitis).						
11.5	Suspected Carcinogen:	NA. This product contains less than 3% Dimethyl Sulfoxide (DMSO) per IP 346.						
11.6	Reproductive Toxicity:	WARNING : This product can expose you to chemicals including Hexane, Methanol and M which are known to the State of California to cause birth defects or other reproductive harm www.P65Warnings.ca.gov.						
	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:	WARNING : This product can expose you to chemicals including Hexane, Methanol and M which are known to the State of California to cause cancer or other reproductive harm. www.P65Warnings.ca.gov.						
11.7	Irritancy of Product:	The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonge	ed or repeated exposure.					
11.8	Biological Exposure Indices:	NE						
11.9	Physician Recommendations:	Treat symptomatically.						
		12. ECOLOGICAL INFORMATION						
12.1	Environmental Stability:	<u>Methanol</u> : Readily biodegradable in water. Biodegradable in the soil. Highly mobile in soil. <u>Methyl Isobutyl Ketone</u> : Readily biodegradable in water. Biodegradable in the soil. Bio anaerobic conditions. Low potential for adsorption in soil. Photolysis in the air.	degradable in the soil unde					
12.2	Effects on Plants & Animals:	There is no specific data available for this product.						
12.3	Effects on Aquatic Life:	There is no specific data available for this product.						
13.1	Waste Disposal:	13. DISPOSAL CONSIDERATIONS	sidered non bazardous was					
13.1 13.2	Waste Disposal: Special Considerations:	Products covered by this SDS, in their original form, when disposed as waste, are consaccording to Federal RCRA regulations (40 CFR 261). Dispose of in accordance with federa U.S. EPA RCRA Hazardous Waste: D001 (Characteristic – Ignitability). California Waste C	al, state and local regulation					
13.2 The	Special Considerations: basic description (ID Nur	Products covered by this SDS, in their original form, when disposed as waste, are cons according to Federal RCRA regulations (40 CFR 261). Dispose of in accordance with federa U.S. EPA RCRA Hazardous Waste: D001 (Characteristic – Ignitability). California Waste C 14. TRANSPORTATION INFORMATION nber, proper shipping name, hazard class & division, packing group) is shown for each mode	al, state and local regulation: ode: 331 (liquid concentrate					
13.2 The deso	Special Considerations: basic description (ID Nur	Products covered by this SDS, in their original form, when disposed as waste, are cons according to Federal RCRA regulations (40 CFR 261). Dispose of in accordance with federa U.S. EPA RCRA Hazardous Waste: D001 (Characteristic – Ignitability). California Waste C 14. TRANSPORTATION INFORMATION mber, proper shipping name, hazard class & division, packing group) is shown for each mode e required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1.0 L); or	al, state and local regulations ode: 331 (liquid concentrate)					
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13.2 The desc 14.1 14.2 14.3 14.4 14.5 14.6 14.7 15.1 15.2	Special Considerations: basic description (ID Nurcriptive information may b) 49 CFR (GND): IATA (AIR): IMDG (OCN): TDGR (Canadian GND): ADR/RID (EU): SCT (MEXICO): ADGR (AUS): SARA Reporting Requirements: SARA Threshold Planning Quantity:	Products covered by this SDS, in their original form, when disposed as waste, are consaccording to Federal RCRA regulations (40 CFR 261). Dispose of in accordance with federa U.S. EPA RCRA Hazardous Waste: D001 (Characteristic – Ignitability). California Waste C ILENDED 1001 (Characteristic – Ignitability). California Waste C ILENDED 1001 (Characteristic – Ignitability). California Waste C ILENDE 1001 (Characteristic – Ignitability. California Waste C ILENDE 1001 (Characteristic – Ignitability. California Waste C ILENDE 1001 (Characteristic – Ignitability. California Waste C ILEND 1001 (Characterist	al, state and local regulations ode: 331 (liquid concentrate e of transportation. Additions the transportation. Additions the transportation of the transport the transport of transport the transport of transport of the transport the transport of transport of the transport of transport of the tr					
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		15. REGULATORY INFO	RMATION – cont'd
15.6	Other Canadian Regulations:	all of the information required by the CPR. T	hazard criteria of the CPR and the MSDS contains he components of this product are listed on the oduct are listed on the Priorities Substances List.
15.7	State Regulatory Information:	Substances List (MA), Pennsylvania Right-to-Knor Right-to-Know List (NJ). <u>Methanol</u> is found on the following state criteria lis <u>Methyl Isobutyl Ketone</u> is found on the following state <u>Isopropanol</u> is found on the following state criteria <u>Difluoroethane</u> can be found on the following state No ingredients in this product, present in a con- criteria lists: California Proposition 65 (CA65), D List (FL), Massachusetts Hazardous Substances Substances List (MN), New Jersey Right-to-Know	tate criteria lists: FL, MA, MN, NJ, PA, WA and WI. lists: FL, MA, MN, NJ, PA, and WA.
15.8	Other Requirements:	WARNING: This product can expose you	to chemicals including Hexane, Methanol and Methyl Isobutyl Ketone, fornia to cause reproductive harm. For more information, go to
			PMATION
16.1	Other Information:	16. OTHER INFC	OSOL. PRESSURIZED CONTINER; MAY BURST IF HEATED.
16.2	Torms & Definitions:	ENTERS AIRWAYS. Keep away from heat, hot Do not spray on an open flame or other ignition s use. Avoid breathing fume/gas/mist/vapor/spraventilated area. Wear protective gloves/ eye prote Do NOT induce vomiting. IF ON SKIN: Wash wi Safety Data Sheet. If skin irritation occurs: ge before reuse. IF INHALED: Remove person CENTER/doctor if you feel unwell. Store in a w Protect from sunlight. Do not expose to tempera REACH OF CHILDREN. WARNING: This product can expose you which is known to the State of Cal www.P65Warnings.ca.gov.	OWSINESS OR DIZZINESS. MAY BE FATAL IF SWALLOWED AND surface, sparks, open flames and other ignition sources. No smoking. ource. Keep container tightly closed. Do not pierce or burn, even after y. Wash thoroughly after handling. Use only outdoors or in a well- ection. IF SWALLOWED: Immediately call a POISON CENTER/doctor. th plenty water and soap. For specific treatment, see Section 4 of this t medical advice/attention. Take off contaminated clothing and wash to fresh air and keep comfortable for breathing. Call a POISON vell-ventilated place. Keep container tightly closed. Store locked up. atures exceeding 50 °C / 122 °F. KEEP LOCKED UP AND OUT OF u to chemicals including Hexane, Methanol and Methyl Isobutyl Ketone, ifornia to cause reproductive harm. For more information, go to
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	government regulations must be reviewed for Laboratories, Inc.'s knowledge, the information accuracy, suitability or completeness is not guara provided. The information contained herein rela	SHA's Hazard Communication Standard, 29 CFR §1910.1200. Other applicability to this product. To the best of ShipMate's & CAIG contained herein is reliable and accurate as of this date; however, anteed and no warranties of any type, either expressed or implied, are tes only to the specific product(s). If this product(s) is combined with be considered. Data may be changed from time to time. Be sure to
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/	BABORATORIES, 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



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

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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
EINECS No.	European Inventory of Existing Commercial Chemical Substances Number

EXPOSURE LIMITS IN AIR:

ACGIH	American Conference on Governmental Industrial Hygienists			
IDLH	Immediately Dangerous to Life and Health			
NOHSC	National Occupational Health and Safety Commission (Australia)			
OSHA	U.S. Occupational Safety and Health Administration			
PEL	Permissible Exposure Limit			
STEL	Short Term Exposure Limit			
TLV	Threshold Limit Value			
TWA	Time Weighted Average			

FIRST AID MEASURES:

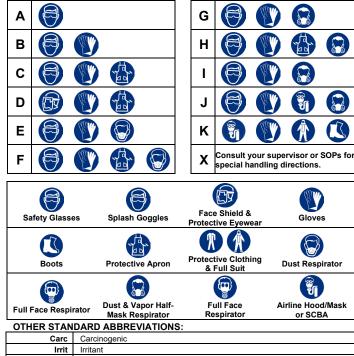
CPR	Cardiopulmonary resuscitation - method in which a person whose heart has
	stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.
	and provide oxygen to the body.

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:

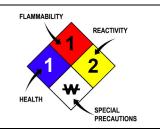


Irrit	Irritant
NA	Not Available
NR	No Results
ND	Not Determined
NE	Not Established
NF	Not Found
SCBA	Self-Contained Breathing Apparatus
Sens	Sensitization
STOT RE	Specific Target Organ Toxicity – Repeat Exposure
STOT SE	Specific Target Organ Toxicity – Single Exposure

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

HAZARD RATINGS:

0 Minimal Hazard					
1	Slight Hazard				
2	Moderate Hazard				
3	Severe Hazard				
4	Extreme Hazard				
ACD	Acidic				
ALK	Alkaline				
COR	Corrosive				
W	Use No Water				
ох	Oxidizer				
TREEOII	Radioactive				



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 _{I0} Lowest dose to cause a symptom					
TCLo Lowest concentration to cause a symptom					
TD _{io} , LD _{io} , & LD _o or	TD _{Io} , LD _{Io} , & LD _o or Lowest dose (or concentration) to cause lethal or toxic effects				
TC, TC _o , LC _{io} , & 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 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:

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

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA