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

SDS Revision: 1.3

.1	Product Name:				D A T ! !									
		-		BUBBLE	BAIH									
	Chemical Name:	Solvent Mixtur	e											
	Synonyms:	P/N NT222												
	Trade Names:	OPI Nail Envy		1										
-	Product Use:	Cosmetic Use												
	Distributor's Name:	OPI Products,												
	Distributor's Address:			ollywood, CA 9										
	Emergency Phone:			527-3887 /	+1 (800	) 424	-930	) (CC	N 16	377)				
.9	Business Phone / Fax:	+1 (818) 759-	2400 / +1 (818	8) 759-5776										
			2. HA	<b>ZARDS</b>	DENT	<b>FIC</b>		N						
2.1	Hazard Identification:	This product		as a HAZARE					s DAN	GER	DUS (	GOOD	S	
				on criteria of NC										
		-		E LIQUID AN					,	_ IF S	WALL	OWED	<b>)</b> .	
		MAY CAUSE	AN ALLERGI	C SKIN REAC	TION. CA	USES	SERI	OUS E	YE IR	RITAT	ION.			يد ال
				1226 – Flamm										< 🔊
				use an allergio	skin rea	ction.	H319	– Cau	uses s	erious	eye i	rritatior	า.	
			ful to aquatic li				47				-4			
				P): P210 – Ke										
				container tightly ear protective g										
				EYES: Rinse										< T 🗍
				d easy to do – c										
				attention. P32										
				P235 – Store in						. P50	1 – Dis	spose o	of	•
		contents/conta	ainer to a licen	sed treatment,	storage o	r dispo	sal fac	ility (T	SDF).					
		3. CC	MPOSIT	ION & ING	REDI	ENT	INF	ORN					( 3)	
		3. CC	MPOSIT	ION & ING	REDI			0	EXPO	SURE L	MITS IN	I AIR (m	g/m³)	[
		3. CC	MPOSIT		REDI	ACC	GIH	0	EXPO NOHSC	SURE L	MITS IN	OSHA	g/m³)	
		3. CC	MPOSIT		REDI		GIH	0	EXPO	SURE L	MITS IN		g/m <sup>3</sup> )	
HEMIC	AL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	ACC pp TLV	GIH m STEL	ES- TWA	EXPO NOHSC ppm ES- STEL	ES- PEAK	PEL	OSHA ppm STEL	IDLH	OTHER
	AL NAME(S)	CAS No. 141-78-6	<b>RTECS №</b> . AH5425000	EINECS No. 205-500-4	% 15-40	ACC pp TLV 400	GIH m STEL 400	<b>ES-</b> <b>TWA</b> 400	EXPO NOHSC ppm ES-	SURE L		OSHA ppm	IDLH	OTHER 400 TWA
	•••	CAS No. 141-78-6 Flam. Liq. 2; /	RTECS No. AH5425000 Acute Tox. 5; Eye	EINECS No. 205-500-4 e Irrit. 2A; STOT \$	% 15-40 SE 3; H225	ACC pp TLV 400 , H319,	SIH m STEL 400 H333,	<b>ES-</b> <b>TWA</b> 400 H336	EXPO NOHSC ppm ES- STEL 200	ES- PEAK	PEL	OSHA ppm STEL NA	IDLH 2000	400 TWA
THYL	ACETATE	CAS No. 141-78-6 Flam. Liq. 2; / 123-86-4	RTECS No. AH5425000 Acute Tox. 5; Eyr AF73500000	EINECS No. 205-500-4 e Irrit. 2A; STOT \$ 204-658-1	% 15-40 SE 3; H225 15-40	ACC pp TLV 400 , H319, 150	SIH m STEL 400 H333, 200	<b>ES-</b> <b>TWA</b> 400 H336 150	EXPO NOHSC ppm ES- STEL 200 200	ES- PEAK NF	<b>PEL</b> NA 200	OSHA ppm STEL NA 200	<b>IDLH</b> 2000 1700	
THYL	•••	CAS No. 141-78-6 Flam. Liq. 2; / 123-86-4 Flam. Liq. 3; /	RTECS No. AH5425000 Acute Tox. 5; Eyu AF73500000 Acute Tox. 5; Ski	EINECS No. 205-500-4 e Irrit. 2A; STOT \$	% 15-40 SE 3; H225 15-40	ACC pp TLV 400 , H319, 150	SIH m STEL 400 H333, 200	<b>ES-</b> <b>TWA</b> 400 H336 150	EXPO NOHSC ppm ES- STEL 200 200	ES- PEAK NF	<b>PEL</b> NA 200	OSHA ppm STEL NA 200	<b>IDLH</b> 2000 1700	400 TWA
THYL .	ACETATE	CAS No. 141-78-6 Flam. Liq. 2; / 123-86-4	RTECS No. AH5425000 Acute Tox. 5; Eyu AF73500000 Acute Tox. 5; Ski	EINECS No. 205-500-4 e Irrit. 2A; STOT \$ 204-658-1	% 15-40 SE 3; H225 15-40	ACC pp TLV 400 , H319, 150	SIH m STEL 400 H333, 200	<b>ES-</b> <b>TWA</b> 400 H336 150	EXPO NOHSC ppm ES- STEL 200 200	ES- PEAK NF	<b>PEL</b> NA 200	OSHA ppm STEL NA 200	<b>IDLH</b> 2000 1700	400 TWA
ETHYL .	ACETATE	CAS No. 141-78-6 Flam. Liq. 2; / 123-86-4 Flam. Liq. 3; / H333, H336, H 9004-70-0 Flam. Liq. 2; H	RTECS No. AH5425000 Acute Tox. 5; Eyr AF73500000 Acute Tox. 5; Ski 1412 AH5425000 1225	EINECS No. 205-500-4 e Irrit. 2A; STOT \$ 204-658-1 in Irrit. 2; Eye Irrit. NA	% 15-40 SE 3; H225 15-40 .2A, STOT 10-30	ACC PP TLV 400 , H319, 150 -SE 3; <i>F</i> 400	<b>SIH</b> m <b>STEL</b> 400 H333, 200 Acute A 400	ES- TWA 400 H336 150 q. 3; Ch 400	EXPO NOHSC ppm ES- STEL 200 200 rron. Au	SURE L ES- PEAK NF Q. 3; H2 NF	PEL NA 200 26, H3 NA	OSHA ppm STEL NA 200 15, H31 NA	IDLH 2000 1700 9, 2000	400 TWA
	ACETATE ACETATE CELLULOSE	CAS No. 141-78-6 Flam. Liq. 2; / 123-86-4 Flam. Liq. 3; / H333, H336, H 9004-70-0 Flam. Liq. 2; H 109-60-4	RTECS No. AH5425000 Acute Tox. 5; Eyr AF73500000 Acute Tox. 5; Ski 1412 AH5425000 1225 AJ3675000	EINECS No. 205-500-4 e Irrit. 2A; STOT \$ 204-658-1 in Irrit. 2; Eye Irrit. NA 203-686-1	% 15-40 SE 3; H225 15-40 .2A, STOT 10-30 7-13	ACC pp TLV 400 , H319, 150 -SE 3; A	<b>STEL</b> 400 H333, 200 Acute A	<b>ES-</b> <b>TWA</b> 400 H336 150 q. 3; Ch	EXPO NOHSC ppm ES- STEL 200 200 200	ES- PEAK NF NF q. 3; H2	PEL NA 200 26, H3	OSHA ppm STEL NA 200 15, H31	<b>IDLH</b> 2000 1700 9,	400 TWA
	ACETATE ACETATE CELLULOSE L ACETATE	CAS No. 141-78-6 Flam. Liq. 2; / 123-86-4 Flam. Liq. 3; / H333, H336, H 9004-70-0 Flam. Liq. 2; H 109-60-4 Flam. Liq. 2, E	RTECS No. AH5425000 Acute Tox. 5; Eyr AF73500000 Acute Tox. 5; Ski 1412 AH5425000 1225 AJ3675000 ye Irrit. 2, STOT	EINECS No. 205-500-4 e Irrit. 2A; STOT \$ 204-658-1 in Irrit. 2; Eye Irrit. NA 203-686-1 SE 3; H225, H31	% 15-40 SE 3; H225 15-40 2A, STOT 10-30 7-13 9, H336	ACC pp TLV 400 , H319, 150 -SE 3; A 400 200	3IH m STEL 400 H333, 200 Acute A 400 250	ES- TWA 400 H336 150 q. 3; Cf 400 835	EXPO NOHSC ppm ES- STEL 200 200 nron. Ad 200 1040	SURE L PEAK NF Q. 3; H2 NF	PEL NA 200 26, H3 NA 200	OSHA ppm STEL NA 200 15, H31 NA 840	IDLH 2000 1700 9, 2000 1700	400 TWA
UTYL . UTYL . IITROC ROPY	ACETATE ACETATE CELLULOSE	CAS No. 141-78-6 Flam. Liq. 2; / 123-86-4 Flam. Liq. 3; / H333, H336, H 9004-70-0 Flam. Liq. 2; H 109-60-4	RTECS No. AH5425000 Acute Tox. 5; Eyr AF73500000 Acute Tox. 5; Ski 1412 AH5425000 1225 AJ3675000	EINECS No. 205-500-4 e Irrit. 2A; STOT \$ 204-658-1 in Irrit. 2; Eye Irrit. NA 203-686-1	% 15-40 SE 3; H225 15-40 .2A, STOT 10-30 7-13	ACC pp TLV 400 , H319, 150 -SE 3; A 400 200	<b>SIH</b> m <b>STEL</b> 400 H333, 200 Acute A 400	ES- TWA 400 H336 150 q. 3; Ch 400 835	EXPO NOHSC ppm ES- STEL 200 200 rron. Au	SURE L ES- PEAK NF Q. 3; H2 NF	PEL NA 200 26, H3 NA	OSHA ppm STEL NA 200 15, H31 NA 840	IDLH 2000 1700 9, 2000	400 TWA
UTYL . UTYL . IITROC ROPY	ACETATE ACETATE CELLULOSE L ACETATE	CAS No. 141-78-6 Flam. Liq. 2; / 123-86-4 Flam. Liq. 2; / H333, H336, H 9004-70-0 Flam. Liq. 2; H 109-60-4 Flam. Liq. 2, E 25035-71-6	RTECS No. AH5425000 Acute Tox. 5; Ey AF73500000 Acute Tox. 5; Ski 1412 AH5425000 1225 AJ3675000 iye Irrit. 2, STOT QW0970000	EINECS No. 205-500-4 e Irrit. 2A; STOT 5 204-658-1 in Irrit. 2; Eye Irrit. NA 203-686-1 SE 3; H225, H31 NA	% 15-40 SE 3; H225 15-40 2A, STOT 10-30 7-13 9, H336 7-13	ACC pp TLV 400 , H319, 150 -SE 3; <i>A</i> 400 200 (10)	3IH m STEL 400 H333, 200 Acute A 400 250 NA	ES- TWA 400 H336 150 q. 3; Ch 400 835 NF	EXPO NOHSC ppm ES- STEL 200 200 rron. Ad 200 1040	SURE L ES- PEAK NF NF q. 3; H2 NF NF	PEL NA 200 26, H3 NA 200 (10)	OSHA ppm STEL NA 200 15, H31 15, H31 NA 840	IDLH 2000 1700 9, 2000 1700 NA	400 TWA 150 TWA
UTYL UTYL IITROC PROPY OSYL/ RESIN	ACETATE ACETATE CELLULOSE L ACETATE	CAS No. 141-78-6 Flam. Liq. 2; / 123-86-4 Flam. Liq. 3; / H333, H336, H 9004-70-0 Flam. Liq. 2; H 109-60-4 Flam. Liq. 2, E 25035-71-6 67-63-0	RTECS No. AH5425000 Acute Tox. 5; Eyi AF73500000 Acute Tox. 5; Ski 1412 AH5425000 1225 AJ3675000 ye Irrit. 2, STOT QW0970000 NT8050000	EINECS No. 205-500-4 e Irrit. 2A; STOT § 204-658-1 in Irrit. 2; Eye Irrit. NA 203-686-1 SE 3; H225, H31 NA 200-661-7	% 15-40 SE 3; H225 15-40 2A, STOT 10-30 7-13 9, H336 7-13 3-7	ACC pp TLV 400 , H319, 150 -SE 3; <i>A</i> 400 (10) 400	<b>STEL</b> 400 H333, 200 Acute A 400 250 NA	ES- TWA 400 H336 150 q. 3; Cf 400 835	EXPO NOHSC ppm ES- STEL 200 200 nron. Ad 200 1040	SURE L PEAK NF Q. 3; H2 NF	PEL NA 200 26, H3 NA 200	OSHA ppm STEL NA 200 15, H31 NA 840	IDLH 2000 1700 9, 2000 1700 NA	400 TWA
UTYL UTYL ROPY OSYL/ ESIN	ACETATE ACETATE CELLULOSE L ACETATE AMIDE/FORMALDEHYDE	CAS No. 141-78-6 Flam. Liq. 2; / 123-86-4 Flam. Liq. 3; / H333, H336, H 9004-70-0 Flam. Liq. 2; H 109-60-4 Flam. Liq. 2, E 25035-71-6 67-63-0	RTECS No.           AH5425000           Acute Tox. 5; Eyr           AF73500000           Acute Tox. 5; Ski           1412           AH5425000           1225           AJ3675000           ye Irrit. 2, STOT           QW0970000           NT8050000           kin Irrit. 3; Eye Ir	EINECS No. 205-500-4 e Irrit. 2A; STOT § 204-658-1 in Irrit. 2; Eye Irrit. NA 203-686-1 SE 3; H225, H31 NA 200-661-7 rrit. 2A; STOT SE	% 15-40 SE 3; H225 15-40 2A, STOT 10-30 7-13 9, H336 7-13 3-7 3; H225, F	ACC pp TLV 400 , H319, 150 -SE 3; <i>A</i> 400 (10) 400	<b>SIH</b> m 400 H333, 200 Acute A 400 250 NA 500 319	ES- TWA 400 H336 150 q. 3; Ch 400 835 NF 400	EXPO NOHSC ppm ES- STEL 200 200 100 1040 NF 500	SURE L ES- PEAK NF Q. 3; H2 NF NF NF	PEL NA 200 26, H3 200 (10) 400	OSHA           ppm           STEL           NA           200           15, H31           NA           840           NA           500	IDLH 2000 9, 2000 1700 1700 NA 2000	400 TWA 150 TWA
UTYL UTYL IITROC PROPY RESIN SOPRC	ACETATE ACETATE CELLULOSE L ACETATE AMIDE/FORMALDEHYDE	CAS No. 141-78-6 Flam. Liq. 2; / 123-86-4 Flam. Liq. 2; / H333, H336, F 9004-70-0 Flam. Liq. 2; F 109-60-4 Flam. Liq. 2; E 25035-71-6 67-63-0 Flam. Liq. 2; S	RTECS No. AH5425000 Acute Tox. 5; Eyi AF73500000 Acute Tox. 5; Ski 1412 AH5425000 1225 AJ3675000 ye Irrit. 2, STOT QW0970000 NT8050000	EINECS No. 205-500-4 e Irrit. 2A; STOT § 204-658-1 in Irrit. 2; Eye Irrit. NA 203-686-1 SE 3; H225, H31 NA 200-661-7	% 15-40 SE 3; H225 15-40 2A, STOT 10-30 7-13 9, H336 7-13 3-7	ACC PP TLV 400 ,H319, 150 -SE 3; <i>A</i> 400 200 (10) 400 1316,H3	<b>STEL</b> 400 H333, 200 Acute A 400 250 NA	ES- TWA 400 H336 150 q. 3; Ch 400 835 NF	EXPO NOHSC ppm ES- STEL 200 200 rron. Ad 200 1040	SURE L ES- PEAK NF NF q. 3; H2 NF NF	PEL NA 200 26, H3 NA 200 (10)	OSHA ppm STEL NA 200 15, H31 15, H31 NA 840	IDLH 2000 1700 9, 2000 1700 NA	400 TWA 150 TWA
UTYL UTYL ROPY OSYL/ ESIN SOPRC RIMET	ACETATE ACETATE CELLULOSE L ACETATE AMIDE/FORMALDEHYDE DPYL ALCOHOL HYL PENTANYL UTYRATE	CAS No. 141-78-6 Flam. Liq. 2; / 123-86-4 Flam. Liq. 3; / H333, H336, H 9004-70-0 Flam. Liq. 2; H 109-60-4 Flam. Liq. 2; E 25035-71-6 67-63-0 Flam. Liq. 2; S 6846-50-0 115-86-6	RTECS No.           AH5425000           Acute Tox. 5; Eyr           AF73500000           Acute Tox. 5; Ski           I412           AH5425000           I225           AJ3675000           iye Irrit. 2; STOT           QW0970000           NT8050000           ikin Irrit. 3; Eye Int           SA142000           TC840000	EINECS No. 205-500-4 e Irrit. 2A; STOT \$ 204-658-1 in Irrit. 2; Eye Irrit. NA 203-686-1 SE 3; H225, H31 NA 200-661-7 rrit. 2A; STOT SE 229-937-9 204-112-2	% 15-40 SE 3; H225 15-40 2A, STOT 10-30 7-13 9, H336 7-13 3; H225, H 1-5 1-5	ACC PP TLV 400 ,H319, 150 -SE 3; <i>A</i> 400 200 (10) 400 1316,H3	<b>SIH</b> m 400 H333, 200 Acute A 400 250 NA 500 319	ES- TWA 400 H336 150 q. 3; Ch 400 835 NF 400	EXPO NOHSC ppm ES- STEL 200 200 100 1040 NF 500	SURE L ES- PEAK NF Q. 3; H2 NF NF NF	PEL NA 200 26, H3 200 (10) 400	OSHA           ppm           STEL           NA           200           15, H31           NA           840           NA           500	IDLH 2000 9, 2000 1700 1700 NA 2000	400 TWA 150 TWA
UTYL UTYL ROPY OSYL/ ESIN SOPRC RIMET	ACETATE ACETATE CELLULOSE L ACETATE AMIDE/FORMALDEHYDE DPYL ALCOHOL 'HYL PENTANYL	CAS No. 141-78-6 Flam. Liq. 2; / 123-86-4 Flam. Liq. 3; / H333, H336, H 9004-70-0 Flam. Liq. 2; H 109-60-4 Flam. Liq. 2; E 25035-71-6 67-63-0 Flam. Liq. 2; S 6846-50-0 115-86-6 Aquatic Acute	RTECS No.           AH5425000           Acute Tox. 5; Eyr           AF73500000           Acute Tox. 5; Ski           412           AH5425000           225           AJ3675000           iye Irrit. 2, STOT           QW0970000           NT8050000           ikin Irrit. 3; Eye Int           SA142000           TC840000           1; Aquatic Chron	EINECS No. 205-500-4 e Irrit. 2A; STOT \$ 204-658-1 in Irrit. 2; Eye Irrit. NA 203-686-1 SE 3; H225, H31 NA 200-661-7 rrit. 2A; STOT SE 229-937-9 204-112-2 nic 1; H400, H410	% 15-40 SE 3; H225 15-40 2A, STOT 10-30 7-13 9, H336 7-13 3; H225, H 1-5 0	ACC PP TLV 400 , H319, 150 -SE 3; <i>A</i> 400 200 (10) 316, H3 NA NA	SIH m 400 H333, 200 Acute A 400 250 NA 500 319 NA NA	ES- TWA 400 H336 150 q. 3; Ch 400 835 NF 400 NF	EXPO NOHSC ppm ES- STEL 200 200 1040 1040 NF 500 NF	SURE L ES- PEAK NF NF NF NF NF NF NF	PEL NA 200 26, H3 200 (10) 400 NA NA	OSHA ppm STEL NA 200 15, H31 NA 840 NA 500 NA NA	IDLH 2000 9, 2000 1700 1700 NA 2000 NA NA	400 TWA 150 TWA
THYL UTYL ITROC ROPY OSYL/ ESIN SOPRC RIMET IISOBI RIMET	ACETATE ACETATE CELLULOSE L ACETATE AMIDE/FORMALDEHYDE OPYL ALCOHOL THYL PENTANYL UTYRATE ENYL PHOSPHATE	CAS No. 141-78-6 Flam. Liq. 2; / 123-86-4 Flam. Liq. 3; / H333, H336, H 9004-70-0 Flam. Liq. 2; H 109-60-4 Flam. Liq. 2; E 25035-71-6 67-63-0 Flam. Liq. 2; S 6846-50-0 115-86-6	RTECS No.           AH5425000           Acute Tox. 5; Eyr           AF73500000           Acute Tox. 5; Ski           I412           AH5425000           I225           AJ3675000           iye Irrit. 2; STOT           QW0970000           NT8050000           ikin Irrit. 3; Eye Int           SA142000           TC840000	EINECS No. 205-500-4 e Irrit. 2A; STOT \$ 204-658-1 in Irrit. 2; Eye Irrit. NA 203-686-1 SE 3; H225, H31 NA 200-661-7 rrit. 2A; STOT SE 229-937-9 204-112-2	% 15-40 SE 3; H225 15-40 2A, STOT 10-30 7-13 9, H336 7-13 3; H225, H 1-5 1-5	ACC PP TLV 400 , H319, 150 -SE 3; A 400 200 (10) 400 1316, H3 NA	SIH STEL 400 H333, 200 Acute A 400 250 NA 500 319 NA	ES- TWA 400 H336 150 q. 3; Ch 400 835 NF 400 NF	EXPO NOHSC ppm ES- STEL 200 200 1040 1040 NF 500 NF	SURE L ES- PEAK NF Q. 3; H2 NF NF NF NF NF	PEL NA 200 26, H3 200 (10) 400 NA	OSHA ppm STEL NA 200 15, H31 NA 840 NA 500	IDLH 2000 9, 2000 1700 NA 2000 NA	400 TWA 150 TWA
THYL UTYL ITROC ROPY OSYL/ ESIN SOPRC RIMET IISOBI RIMET	ACETATE ACETATE CELLULOSE L ACETATE AMIDE/FORMALDEHYDE DPYL ALCOHOL HYL PENTANYL UTYRATE	CAS No. 141-78-6 Flam. Liq. 2; / 123-86-4 Flam. Liq. 2; / H333, H336, H 9004-70-0 Flam. Liq. 2; H 109-60-4 Flam. Liq. 2; E 25035-71-6 67-63-0 Flam. Liq. 2; S 6846-50-0 115-86-6 Aquatic Acute 1077-56-1	RTECS No.           AH5425000           Acute Tox. 5; Eyi           AF73500000           Acute Tox. 5; Ski           1412           AH5425000           I225           AJ3675000           ye Irrit. 2; STOT           QW0970000           INT8050000           ikin Irrit. 3; Eye Ir           SA142000           TC840000           1; Aquatic Chron           NA	EINECS No. 205-500-4 e Irrit. 2A; STOT \$ 204-658-1 in Irrit. 2; Eye Irrit. NA 203-686-1 SE 3; H225, H31 NA 200-661-7 rrit. 2A; STOT \$ 229-937-9 204-112-2 nic 1; H400, H410 214-073-3	% 15-40 SE 3; H225 15-40 2A, STOT 10-30 7-13 9, H336 7-13 3-7 3; H225, H 1-5 1-5 1-5	ACC PP TLV 400 , H319, 150 -SE 3; <i>F</i> 400 (10) (10) 316, H3 NA NA NA	SIH m 400 H333, 200 Acute A 400 250 NA 500 319 NA NA	ES- TWA 400 H336 150 q. 3; Cf 400 835 NF 400 NF NF NF	EXPO NOHSC ppm ES- STEL 200 200 200 1040 NF 500 NF NF	SURE L ES- PEAK NF NF NF NF NF NF NF NF	PEL NA 200 26, H3 200 (10) 400 NA NA NA	OSHA ppm STEL NA 200 15, H31 NA 840 NA 500 NA NA NA	IDLH 2000 9, 2000 1700 1700 NA 2000 NA 2000 NA NA	400 TWA 150 TWA
THYL UTYL ROPY OSYL/ ESIN SOPRC RIMET IISOBI RIPHE THYL	ACETATE ACETATE ACETATE CELLULOSE L ACETATE AMIDE/FORMALDEHYDE OPYL ALCOHOL HYL PENTANYL UTYRATE INYL PHOSPHATE TOSYLAMIDE	CAS No. 141-78-6 Flam. Liq. 2; / 123-86-4 Flam. Liq. 2; / H333, H336, H 9004-70-0 Flam. Liq. 2; H 109-60-4 Flam. Liq. 2; E 25035-71-6 67-63-0 Flam. Liq. 2; S 6846-50-0 115-86-6 Aquatic Acute 1077-56-1 76-22-2	RTECS No.           AH5425000           Acute Tox. 5; Eyr           AF73500000           Acute Tox. 5; Ski           1412           AH5425000           IZ25           AJ3675000           ye Irrit. 2, STOT           QW0970000           NT8050000           ikin Irrit. 3; Eye Ir           SA142000           TC840000           1; Aquatic Chror           NA           EX1225000	EINECS No. 205-500-4 e Irrit. 2A; STOT § 204-658-1 in Irrit. 2; Eye Irrit. NA 203-686-1 SE 3; H225, H31 NA 200-661-7 rrit. 2A; STOT SE 229-937-9 204-112-2 nic 1; H400, H410 214-073-3 200-945-0	% 15-40 SE 3; H225 15-40 2A, STOT 10-30 7-13 9, H336 7-13 3; H225, F 1-5 1-5 1-5	ACC PP TLV 400 , H319, 150 -SE 3; <i>A</i> 400 200 (10) 316, H3 NA NA	SIH m 400 H333, 200 Acute A 400 250 NA 500 319 NA NA	ES- TWA 400 H336 150 q. 3; Ch 400 835 NF 400 NF	EXPO NOHSC ppm ES- STEL 200 200 1040 1040 NF 500 NF	SURE L ES- PEAK NF NF NF NF NF NF NF	PEL NA 200 26, H3 200 (10) 400 NA NA	OSHA ppm STEL NA 200 15, H31 NA 840 NA 500 NA NA	IDLH 2000 9, 2000 1700 1700 NA 2000 NA NA	400 TWA 150 TWA
THYL UTYL ITROC ROPY OSYL/ ESIN GOPRC RIMET IISOBI RIPHE THYL AMPH	ACETATE ACETATE ACETATE CELLULOSE L ACETATE AMIDE/FORMALDEHYDE DPYL ALCOHOL HYL PENTANYL UTYRATE NYL PHOSPHATE TOSYLAMIDE OR	CAS No. 141-78-6 Flam. Liq. 2; / 123-86-4 Flam. Liq. 2; / H333, H336, H 9004-70-0 Flam. Liq. 2; H 109-60-4 Flam. Liq. 2; E 25035-71-6 67-63-0 Flam. Liq. 2; S 6846-50-0 115-86-6 Aquatic Acute 1077-56-1 76-22-2 Flam. Sol. 2, A	RTECS No.           AH5425000           Acute Tox. 5; Eyr           AF73500000           Acute Tox. 5; Ski           1412           AH5425000           IAUTE Tox. 5; Ski           1412           AH5425000           1225           AJ3675000           iye Irrit. 2, STOT           QW0970000           NT8050000           ikin Irrit. 3; Eye Ir           SA142000           TC840000           1; Aquatic Chror           NA           EX1225000           acute Tox. 4, STO	EINECS No. 205-500-4 e Irrit. 2A; STOT § 204-658-1 in Irrit. 2; Eye Irrit. NA 203-686-1 SE 3; H225, H31 NA 200-661-7 rrit. 2A; STOT SE 229-937-9 204-112-2 nic 1; H400, H410 214-073-3 200-945-0 OT SE 2; H228, F	% 15-40 SE 3; H225 15-40 2A, STOT 10-30 7-13 9, H336 7-13 3; H225, F 1-5 1-5 1-5 1-5 1-5 1-5	ACC PP TLV 400 ,H319, 150 -SE 3; <i>A</i> 400 200 (10) 316, H3 NA NA NA NA 2	SIH STEL 400 H333, 200 Acute A 400 250 NA 500 319 NA NA NA A NA 4	ES- TWA 400 H336 150 q. 3; Ch 400 8355 NF 400 NF NF NF NF 2	EXPO NOHSC ppm ES- STEL 200 200 1040 1040 NF 500 NF NF NF 12	SURE L ES- PEAK NF NF NF NF NF NF NF NF	PEL NA 200 26, H3 200 (10) 400 NA NA NA	OSHA ppm STEL NA 200 15, H31 NA 840 NA 500 NA NA NA NA	IDLH 2000 9, 2000 1700 9, 2000 1700 NA 2000 NA NA NA 2000	400 TWA 150 TWA 400 TWA 400 TWA
THYL UTYL ITROC ROPY OSYL/ ESIN GOPRC RIMET IISOBI RIPHE THYL AMPH	ACETATE ACETATE ACETATE CELLULOSE L ACETATE AMIDE/FORMALDEHYDE OPYL ALCOHOL HYL PENTANYL UTYRATE INYL PHOSPHATE TOSYLAMIDE	CAS No. 141-78-6 Flam. Liq. 2; / 123-86-4 Flam. Liq. 2; / H333, H336, H 9004-70-0 Flam. Liq. 2; H 109-60-4 Flam. Liq. 2; E 25035-71-6 67-63-0 Flam. Liq. 2; S 6846-50-0 115-86-6 Aquatic Acute 1077-56-1 76-22-2	RTECS No.           AH5425000           Acute Tox. 5; Eyr           AF73500000           Acute Tox. 5; Ski           1412           AH5425000           IZ25           AJ3675000           ye Irrit. 2, STOT           QW0970000           NT8050000           ikin Irrit. 3; Eye Ir           SA142000           TC840000           1; Aquatic Chror           NA           EX1225000	EINECS No. 205-500-4 e Irrit. 2A; STOT § 204-658-1 in Irrit. 2; Eye Irrit. NA 203-686-1 SE 3; H225, H31 NA 200-661-7 rrit. 2A; STOT SE 229-937-9 204-112-2 nic 1; H400, H410 214-073-3 200-945-0	% 15-40 SE 3; H225 15-40 2A, STOT 10-30 7-13 9, H336 7-13 3; H225, F 1-5 1-5 1-5	ACC PP TLV 400 , H319, 150 -SE 3; <i>F</i> 400 (10) (10) 316, H3 NA NA NA	SIH m 400 H333, 200 Acute A 400 250 NA 500 319 NA NA	ES- TWA 400 H336 150 q. 3; Cf 400 835 NF 400 NF NF NF	EXPO NOHSC ppm ES- STEL 200 200 200 1040 NF 500 NF NF	SURE L ES- PEAK NF NF NF NF NF NF NF NF	PEL NA 200 26, H3 200 (10) 400 NA NA NA	OSHA ppm STEL NA 200 15, H31 NA 840 NA 500 NA NA NA	IDLH 2000 9, 2000 1700 1700 NA 2000 NA 2000 NA NA	400 TWA 150 TWA
THYL UTYL IITROC ROPY OSYL/ SOPRC RIMET RIPHE THYL THYL	ACETATE ACETATE ACETATE CELLULOSE L ACETATE AMIDE/FORMALDEHYDE OPYL ALCOHOL HYL PENTANYL UTYRATE NYL PHOSPHATE TOSYLAMIDE OR ALKONIUM BENTONITE	CAS No. 141-78-6 Flam. Liq. 2; / 123-86-4 Flam. Liq. 2; / H333, H336, H 9004-70-0 Flam. Liq. 2; H 109-60-4 Flam. Liq. 2; E 25035-71-6 67-63-0 Flam. Liq. 2; S 6846-50-0 115-86-6 Aquatic Acute 1077-56-1 76-22-2 Flam. Sol. 2, A	RTECS No.           AH5425000           Acute Tox. 5; Eyr           AF73500000           Acute Tox. 5; Ski           1412           AH5425000           IAUTE Tox. 5; Ski           1412           AH5425000           1225           AJ3675000           iye Irrit. 2, STOT           QW0970000           NT8050000           ikin Irrit. 3; Eye Ir           SA142000           TC840000           1; Aquatic Chror           NA           EX1225000           acute Tox. 4, STO	EINECS No. 205-500-4 e Irrit. 2A; STOT § 204-658-1 in Irrit. 2; Eye Irrit. NA 203-686-1 SE 3; H225, H31 NA 200-661-7 rrit. 2A; STOT SE 229-937-9 204-112-2 nic 1; H400, H410 214-073-3 200-945-0 OT SE 2; H228, F	% 15-40 SE 3; H225 15-40 . 2A, STOT 10-30 7-13 9, H336 7-13 3; H225, H 1-5 1-5 1-5 1-5 1-5 1-5	ACC PP TLV 400 ,H319, 150 -SE 3; <i>A</i> 400 200 (10) 316, H3 NA NA NA NA 2	SIH STEL 400 H333, 200 Acute A 400 250 NA 500 319 NA NA NA A NA	ES- TWA 400 150 q. 3; Cr 400 835 NF 400 NF NF NF 2 NF	EXPO NOHSC ppm ES- STEL 200 200 1040 NF 500 NF NF NF 12 NF	SURE L ES- PEAK NF NF NF NF NF NF NF NF	PEL NA 200 26, H3 200 (10) 400 NA NA NA	OSHA ppm STEL NA 200 15, H31 NA 840 NA 500 NA NA NA NA	IDLH 2000 9, 2000 1700 9, 2000 1700 NA 2000 NA NA NA 2000	400 TWA 150 TWA 400 TWA 400 TWA
THYL UTYL IITROC ROPY OSYL/ GOPRC RIMET RIPHE THYL AMPH TEAR/	ACETATE ACETATE ACETATE CELLULOSE L ACETATE AMIDE/FORMALDEHYDE DPYL ALCOHOL HYL PENTANYL UTYRATE NYL PHOSPHATE TOSYLAMIDE OR	CAS No. 141-78-6 Flam. Liq. 2; / 123-86-4 Flam. Liq. 3; / H333, H336, H 9004-70-0 Flam. Liq. 2; H 109-60-4 Flam. Liq. 2; E 25035-71-6 67-63-0 Flam. Liq. 2; S 6846-50-0 115-86-6 Aquatic Acute 1077-56-1 76-22-2 Flam. Sol. 2, A 71011-24-0	RTECS No.           AH5425000           Acute Tox. 5; Eyr           AF73500000           Acute Tox. 5; Ski           412           AH5425000           Acute Tox. 5; Ski           412           AH5425000           I225           AJ3675000           ye Irrit. 2; STOT           QW0970000           NT8050000           ikin Irrit. 3; Eye In           SA142000           TC840000           1; Aquatic Chror           NA           EX1225000           cute Tox. 4, STO           NA           SA9100000	EINECS No. 205-500-4 e Irrit. 2A; STOT ( 204-658-1 in Irrit. 2; Eye Irrit. NA 203-686-1 SE 3; H225, H31 NA 200-661-7 rrit. 2A; STOT SE 229-937-9 204-112-2 nic 1; H400, H410 214-073-3 200-945-0 OT SE 2; H228, H NA	% 15-40 SE 3; H225 15-40 2A, STOT 10-30 7-13 9, H336 7-13 3; H225, F 1-5 1-5 1-5 1-5 1-5 1-5 1332, H371	ACC PP TLV 400 , H319, 150 -SE 3; A 400 200 (10) 400 (10) 1316, H3 NA NA NA NA NA NA	SIH STEL 400 H333, 200 Acute A 400 250 NA 500 319 NA NA NA A NA 4	ES- TWA 400 H336 150 q. 3; Ch 400 8355 NF 400 NF NF NF NF 2	EXPO NOHSC ppm ES- STEL 200 200 1040 1040 NF 500 NF NF NF 12	SURE L ES- PEAK NF Q. 3; H2 NF NF NF NF NF NF NF NF	PEL NA 200 26, H3 200 (10) 400 NA NA NA NA	OSHA           ppm           STEL           NA           200           15, H31           NA           840           NA           500           NA           500           NA           NA           NA           NA           NA           NA           NA           NA           NA	IDLH 2000 9, 2000 1700 9, 2000 NA 2000 NA NA NA 2000 15	400 TWA 150 TWA 400 TWA 400 TWA
THYL UTYL IITROC ROPY OSYL/ ESIN SOPRC RIMET RIMET THYL THYL TEAR/	ACETATE ACETATE ACETATE CELLULOSE L ACETATE AMIDE/FORMALDEHYDE OPYL ALCOHOL THYL PENTANYL UTYRATE ENYL PHOSPHATE TOSYLAMIDE OR ALKONIUM BENTONITE TONE ALCOHOL	CAS No. 141-78-6 Flam. Liq. 2; / 123-86-4 Flam. Liq. 3; / H333, H336, H 9004-70-0 Flam. Liq. 2; H 109-60-4 Flam. Liq. 2; E 25035-71-6 67-63-0 Flam. Liq. 2; S 6846-50-0 115-86-6 Aquatic Acute 1077-56-1 76-22-2 Flam. Sol. 2, A 71011-24-0 123-42-2	RTECS No.           AH5425000           Acute Tox. 5; Eyr           AF73500000           Acute Tox. 5; Ski           412           AH5425000           Acute Tox. 5; Ski           412           AH5425000           I225           AJ3675000           ye Irrit. 2; STOT           QW0970000           NT8050000           ikin Irrit. 3; Eye In           SA142000           17C840000           1; Aquatic Chror           NA           EX1225000           cute Tox. 4, STO           NA           SA9100000	EINECS No. 205-500-4 e Irrit. 2A; STOT ( 204-658-1 in Irrit. 2; Eye Irrit. NA 203-686-1 SE 3; H225, H31 NA 200-661-7 rrit. 2A; STOT SE 229-937-9 204-112-2 nic 1; H400, H410 214-073-3 200-945-0 OT SE 2; H228, H NA	% 15-40 SE 3; H225 15-40 . 2A, STOT 10-30 7-13 9, H336 7-13 3; H225, H 1-5 1-5 1-5 1-5 1-5 1-5	ACC PP TLV 400 , H319, 150 -SE 3; A 400 200 (10) 400 (10) 1316, H3 NA NA NA NA NA NA	SIH STEL 400 H333, 200 Acute A 400 250 NA 500 319 NA NA NA A NA	ES- TWA 400 150 q. 3; Cr 400 835 NF 400 NF NF NF 2 NF	EXPO NOHSC ppm ES- STEL 200 200 1040 NF 500 NF NF NF 12 NF	SURE L ES- PEAK NF Q. 3; H2 NF NF NF NF NF NF NF NF	PEL NA 200 26, H3 200 (10) 400 NA NA NA NA	OSHA           ppm           STEL           NA           200           15, H31           NA           840           NA           500           NA           500           NA           NA           NA           NA           NA           NA           NA           NA           NA	IDLH 2000 9, 2000 1700 9, 2000 NA 2000 NA NA NA 2000 15	400 TWA 150 TWA 400 TWA 400 TWA
THYL BUTYL IITROC PROPY OSYLA ESIN SOPRC RIMET DIISOBI RIMET DIISOBI RIPHE THYL CAMPH STEAR/ DIACET	ACETATE ACETATE ACETATE CELLULOSE L ACETATE AMIDE/FORMALDEHYDE OPYL ALCOHOL HYL PENTANYL UTYRATE NYL PHOSPHATE TOSYLAMIDE OR ALKONIUM BENTONITE	CAS No. 141-78-6 Flam. Liq. 2; / 123-86-4 Flam. Liq. 3; / H333, H336, H 9004-70-0 Flam. Liq. 2; H 109-60-4 Flam. Liq. 2; E 25035-71-6 67-63-0 Flam. Liq. 2; S 6846-50-0 115-86-6 Aquatic Acute 1077-56-1 - 76-22-2 Flam. Sol. 2, <i>P</i> 71011-24-0 - 123-42-2 Eye Irrit. 2; H3	RTECS No.           AH5425000           Acute Tox. 5; Eyr           AF73500000           Acute Tox. 5; Ski           I412           AH5425000           I225           AJ3675000           ive Irrit. 2; STOT           QW0970000           NT8050000           ikin Irrit. 3; Eye Int           SA142000           17C840000           1; Aquatic Chron           NA           EX1225000           Acute Tox. 4, STO           NA           SA9100000           19	EINECS No. 205-500-4 e Irrit. 2A; STOT \$ 204-658-1 in Irrit. 2; Eye Irrit. NA 203-686-1 SE 3; H225, H31 NA 200-661-7 rrit. 2A; STOT SE 229-937-9 204-112-2 nic 1; H400, H410 214-073-3 200-945-0 OT SE 2; H228, H NA	% 15-40 SE 3; H225 15-40 2A, STOT 10-30 7-13 9, H336 7-13 3; H225, H 1-5 1-5 1-5 1332, H371 1-5 1332, H371 1-5	ACC PP TLV 400 , H319, 150 -SE 3; <i>A</i> 400 200 (10) 316, H3 NA NA NA NA 2 NA 50	SIH m STEL 400 H333, 200 Acute A 400 250 NA 500 319 NA NA NA NA 4 NA 4 NA 4 240	ES- TWA 400 H336 150 q. 3; Ch 400 835 NF 400 NF NF 2 2 NF 238	EXPO NOHSC ppm ES- STEL 200 200 1040 NF 500 NF 5500 NF 122 NF 12 NF	SURE L ES- PEAK NF NF NF NF NF NF NF NF NF NF	PEL NA 200 26, H3 200 (10) 400 (10) 400 NA NA NA NA NA 20	OSHA           ppm           STEL           NA           200           15, H31           NA           840           NA           500           NA           500           NA	IDLH 2000 9, 2000 1700 NA 2000 NA 2000 NA 2000 15 1800	400 TWA 150 TWA 400 TWA 400 TWA
THYL UTYL IITROC ROPY OSYL/ ESIN SOPRC RIMET TISOBI RIPHE THYL TEAR/ IITEAR/ IITEAR/ IITEAR/ IITEAR/ IITEAR/ IITEAR/ IITEAR/	ACETATE ACETATE ACETATE ACETATE CELLULOSE L ACETATE AMIDE/FORMALDEHYDE OPYL ALCOHOL THYL PENTANYL UTYRATE ENYL PHOSPHATE TOSYLAMIDE OR ALKONIUM BENTONITE TONE ALCOHOL 1 (TITANIUM DIOXIDE)	CAS No. 141-78-6 Flam. Liq. 2; / 123-86-4 Flam. Liq. 3; / H333, H336, H 9004-70-0 Flam. Liq. 2; H 109-60-4 Flam. Liq. 2; E 25035-71-6 67-63-0 Flam. Liq. 2; S 6846-50-0 115-86-6 Aquatic Acute 1077-56-1 - 76-22-2 Flam. Sol. 2, <i>P</i> 71011-24-0 - 123-42-2 Eye Irrit. 2; H3	RTECS No.           AH5425000           Acute Tox. 5; Eyr           AF73500000           Acute Tox. 5; Ski           I412           AH5425000           I225           AJ3675000           ive Irrit. 2; STOT           QW0970000           NT8050000           ikin Irrit. 3; Eye Int           SA142000           17C840000           1; Aquatic Chron           NA           EX1225000           Acute Tox. 4, STO           NA           SA9100000           19	EINECS No. 205-500-4 e Irrit. 2A; STOT \$ 204-658-1 in Irrit. 2; Eye Irrit. NA 203-686-1 SE 3; H225, H31 NA 200-661-7 rrit. 2A; STOT SE 229-937-9 204-112-2 nic 1; H400, H410 214-073-3 200-945-0 OT SE 2; H228, H NA	% 15-40 SE 3; H225 15-40 2A, STOT 10-30 7-13 9, H336 7-13 3; H225, H 1-5 1-5 1-5 1332, H371 1-5 1332, H371 1-5	ACC PP TLV 400 , H319, 150 -SE 3; <i>A</i> 400 200 (10) 316, H3 NA NA NA NA 2 NA 50	SIH m STEL 400 H333, 200 Acute A 400 250 NA 500 319 NA NA NA NA 4 NA 4 NA 4 240	ES- TWA 400 H336 150 q. 3; Ch 400 835 NF 400 NF NF 2 2 NF 238	EXPO NOHSC ppm ES- STEL 200 200 1040 NF 500 NF 5500 NF 122 NF 12 NF	SURE L ES- PEAK NF NF NF NF NF NF NF NF NF NF	PEL NA 200 26, H3 200 (10) 400 (10) 400 NA NA NA NA NA 20	OSHA           ppm           STEL           NA           200           15, H31           NA           840           NA           500           NA           500           NA	IDLH 2000 9, 2000 1700 NA 2000 NA 2000 NA 2000 15 1800	400 TWA 150 TWA 400 TWA 400 TWA
THYL UTYL IITROC ROPY OSYL/ ESIN SOPRC RIMET TISOBI RIPHE THYL TEAR/ IITEAR/ IITEAR/ IITEAR/ IITEAR/ IITEAR/ IITEAR/ IITEAR/	ACETATE ACETATE ACETATE CELLULOSE L ACETATE AMIDE/FORMALDEHYDE OPYL ALCOHOL THYL PENTANYL UTYRATE ENYL PHOSPHATE TOSYLAMIDE OR ALKONIUM BENTONITE TONE ALCOHOL	CAS No. 141-78-6 Flam. Liq. 2; / 123-86-4 Flam. Liq. 3; / H333, H336, H 9004-70-0 Flam. Liq. 2; H 109-60-4 Flam. Liq. 2; E 25035-71-6 67-63-0 Flam. Liq. 2; S 6846-50-0 - 115-86-6 Aquatic Acute 1077-56-1 - 76-22-2 Flam. Sol. 2, A 71011-24-0 - 123-42-2 Eye Irrit. 2; H3 13463-67-7	RTECS No.           AH5425000           Acute Tox. 5; Eyr           AF73500000           Acute Tox. 5; Ski           i412           AH5425000           i225           AJ3675000           i225           AJ3675000           ive Irrit. 2, STOT           QW0970000           NT8050000           ikin Irrit. 3; Eye Irit           SA142000           TC840000           1; Aquatic Chron           NA           EX1225000           cute Tox. 4, STO           NA           SA9100000           19           XR2275000	EINECS No. 205-500-4 e Irrit. 2A; STOT \$ 204-658-1 in Irrit. 2; Eye Irrit. NA 203-686-1 SE 3; H225, H31 NA 200-661-7 rrit. 2A; STOT SE 229-937-9 204-112-2 nic 1; H400, H410 214-073-3 200-945-0 OT SE 2; H228, F NA NA 236-675-5	% 15-40 SE 3; H225 15-40 2A, STOT 10-30 7-13 9, H336 7-13 3; H225, H 1-5 1-5 1-5 1-5 1332, H371 1-5 1332, H371 1-5 1-5 1-5	ACC PP TLV 400 , H319, 150 -SE 3; A 400 200 (10) 400 1316, H3 NA NA NA NA 2 NA 50 NA	SIH m STEL 400 H333, 200 Acute A 400 250 NA 500 319 NA NA NA NA 4 NA 240 NA	ES- TWA 400 H336 150 q. 3; Ch 400 8355 NF 400 NF NF 2 NF 238 NF	EXPO NOHSC ppm ES- STEL 200 200 rron. Ad 200 rron. Ad 200	SURE L ES- PEAK NF NF NF NF NF NF NF NF NF NF	PEL NA 200 26, H3 200 (10) 400 (10) 400 NA NA NA NA NA NA NA 20 NA	OSHA           ppm           STEL           NA           200           15, H31           NA           840           NA           500           NA           500           NA           NA	IDLH 2000 9, 2000 1700 NA 2000 NA 2000 NA 2000 15 1800 NA	400 TWA 150 TWA 400 TWA 400 TWA



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

SDS Revision: 1.3

EYES SKIN

		3. COMF	POSITION	& INGRE	DIENT	INFO	ORN	IATI	ON -	<u>- co</u>	<u>nt</u> 'd				
											SURE LIMITS IN AIR (mg/m <sup>3</sup> )				
						AC			NOHSC			OSHA			
						рр		ES-	ppm ES-	ES-		ppm			
CHEMI	CAL NAME(S)	CAS No. 77-92-9	RTECS No. GE7350000	EINECS No. 201-069-1	<u>%</u>	TLV NA	STEL NA	TWA NF	STEL NF	PEAK NF	PEL NA	STEL NA	IDLH NA	OTHER	२
CITRIC	CACID	11-92-9	GE7330000	201-009-1	< 0.1	IN/A	INA		INI	INI	N/A	INA	INA		
HYDR	OLYZED WHEAT PROTEIN	70084-87-6	NA	NA	< 0.1	NA	NA	NF	NF	NF	NA	NA	NA		
01 774		1309-37-1	NO7400000	215-168-2	< 0.1	5	NA	NF	5	NF	5	NA	2500	FUME	
51774	91 (IRON OXIDES)	0006 65 0	NA	NA	< 0.1	ΝΑ	NA	NF	NF	NF	NA				
DIMET	HICONE	9006-65-9	NA	INA	< 0.1	NA	NA	INF	INF	INF	NA	NA	NA		
CI 774	99 (IRON OXIDE)	1317-61-9	NA	215-277-5	< 0.1	NA	NA	NF	NF	NF	NA	NA	NA		
	UM PANTOTHENATE	137-08-6	RU4375000	205-278-9	< 0.1	NA	NA	NF	NF	NF	NA	NA	NA		
JALCI	OMPANIOTHENATE	4024.04.0	1100400000	047 000 5	101							NIA	NIA		
CI 191	40 (YELLOW 5)	1934-21-0	UQ6400000	217-699-5	< 0.1	NA	NA	NF	NF	NF	NA	NA	NA		
01 450		5858-81-1	QJ1975000	227-497-9	< 0.1	NA	NA	NF	NF	NF	NA	NA	NA		
CI 158	50 (RED 6)														
			4.	<b>FIRST AI</b>	D MEA	SUF	RES								
4.1	First Aid:	Ingestion:	IMMEDIATEL unconscious p	Y. If the patie person. Conta	nt is vomit	ing, co rest Po	ison C	to offe	er wate Cente	er or m r or loo	nilk. N cal em	lever g ergend	give wa cy num	ber. Provid	to de
	Effects of Exposure:	<u>Eyes</u> : <u>Skin</u> : <u>Inhalation:</u> <u>Ingestion</u> : <u>Eyes</u> :	IMMEDIATEL' unconscious p estimate of th swallowed. Splashes are water for at lea If irritation occ washing of th physician imm Remove victin If product is depression. Irritating to the	Y. If the patie person. Conta ne time at wh not likely; how ast 15 minutes surs and produ- e affected are nediately. <u>n to fresh air at</u> swallowed, m e eyes. Sympt	nt is vomit ct the near ich the mar- vever, if p . If irritatio ct is on the a with soar once. ay cause oms of ove	ing, co rest Po aterial roduct n occu e skin, r ap and nause	ison C was i gets i irs, cor rinse th water ea, vo	to offecontrol ngeste in the ntact a horoug r. If ir miting ay incl	er wate Cente d and eyes, physic hly wit ritation and/o ude re	er or m r or loo the a flush v ian. h luke i, redn or diar dness,	hilk. N cal em moun with co warm ess of rhea a , itchin	lever gergend t of th opious water, r swell and ce g, irrita	give wa cy num le sub amou followe ling pe entral ation a	tter or milk iber. Provid stance that nts of lukev ed by a thor rsists, contain nervous sy nd watering.	to de wa wa rou ac
4.2	Effects of Exposure:	<u>Eves</u> : <u>Skin</u> : <u>Inhalation:</u> <u>Ingestion</u> : <u>Eves</u> : <u>Skin</u> : <u>Inhalation</u> :	IMMEDIATEL' unconscious p estimate of th swallowed. Splashes are water for at lea If irritation occ washing of th physician imm <u>Remove victim</u> If product is depression. Irritating to the May be irritatin Vapors of this system. Sym breathing. In Information) of nausea).	Y. If the patie berson. Conta ne time at wh not likely; how ast 15 minutes surs and produ- e affected are rediately. <u>In to fresh air at</u> swallowed, m e eyes. Sympt- ng to skin in sc s product may aptoms of ove ihalation of va can cause cel	nt is vomit ct the near ich the man vever, if p . If irritatio ct is on the a with soa once. ay cause oms of ove me sensiti be slightly rexposure pors exce ntral nervo	ing, co rest Po aterial roduct n occu skin, r ap and nause rexpos ve indir y irritat can in eding ous sys	ea, vo sure m viduals ting to nclude the le stem o	to offe control ngeste in the ntact a horoug r. If ir miting ay incl s, espe the n cough vels lis depres	er wate Cente d and eyes, physic hly wit ritation and/o ude re ccially a cose, th ing, w sted in sion (	er or m r or loo the a flush v ian. h luke , redn r diar dness, after p rroat a heezir Secti e.g., o	hilk. N cal em moun with co warm ess of ess of rhea , itchin rolong ind oth ng, na on 2 drowsi	lever generation of the opious water, r swell and ce g, irritated and her tiss sal componess,	give was cy num le sub amou followe ling pe entral ation an d/or rep sues o ngestic position dizzine	ter or milk ber. Provic stance that nts of lukev ed by a thor rsists, contain nervous sy nervous sy nd watering, beated contain f the respir on, and diff and lngre ess, headad	to de wa vou act vste act rato icu
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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.3 5. FIREFIGHTING MEASURES 51 Fire & Explosion Hazards: WARNING! FLAMMABLE LIQUID AND VAPOR! Keep away from heat, lit cigarettes, sparks & open flame. Keep container closed. This product is a Class IB flammable liquid. When involved in a fire, this product will ignite readily and decompose to produce carbon oxides. Vapors of this product are heavier than air and may travel to a source of ignition and flash back to a leaking or open container. Fine mist or sprays may be flammable at temperatures below the flashpoint. If involved in a fire, this product may decompose at high temperatures to form toxic gases (e.g., CO,  $CO_2$ ,  $NO_x$ ). 5.2 Extinguishing Methods Water Fog, CO<sub>2</sub>, Halon (if permitted), Dry Chemical, Foam HazChem Code: 3[Y] E Hazard Identification Number: 33 5.3 Firefighting Procedures: This product is a Class IB flammable liquid. When involved in a fire, this product will ignite readily and decompose to produce carbon oxides. Vapors of this product are heavier than air and may travel to a source of ignition and flash back to a leaking or open container. First responders should wear eye protection. Structural firefighters must wear SCBAs and full protective equipment. Use a water spray or fog to reduce or direct vapors. Water may not be effective in actually extinguishing a fire involving this product.

### 6. ACCIDENTAL RELEASE MEASURES

6.1 Spills Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. For small spills (e.g., < 1 gallon (3.8 L)) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows) and secure all sources of ignition. Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse. For large spills (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Use ONLY non-sparking tools for recovery and cleanup. Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

#### 7. HANDLING & STORAGE INFORMATION Avoid prolonged contact with the product. Avoid breathing vapors of this product. Use in a well-ventilated location (e.g., 7.1 Work & Hygiene Practices: local exhaust ventilation, fans). After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product. 7.2 Storage & Handling: Keep this material away from heat, sparks and open flame. Open containers slowly on a stable surface. Keep container closed tightly when not in use. Empty container may contain residual amounts of this product; therefore, empty containers should be handled with care. Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Store away from incompatible materials (see Section 10). 7.3 Special Precautions: Open containers slowly on a stable surface. Keep container tightly closed when not in use. Empty containers may contain residual amounts of this product; therefore, empty containers should be handled with care.

8.1	Exposure Limits:			GIH		NOHSC			OSHA		OTHER
	ppm (mg/m <sup>3</sup> )	CHEMICAL NAME(S)	TLV	STEL	ES- TWA	ES- STEL	ES- PEAK	PEL	STEL	IDLH	
		ETHYL ACETATE	400	400	400	200	NF	NA	NA	2000	400 TWA
		BUTYL ACETATE	150	200	150	200	NF	200	200	1700	150 TWA
		NITROCELLULOSE	400	400	400	200	NF	NA	NA	2000	
		PROPYL ACETATE	200	250	835	1040	NF	200	840	1700	
		TOSYLAMIDE/FORMALDEHYDE RESIN	(10)	NA	NF	NF	NF	(10)	NA	NA	
		ISOPROPYL ALCOHOL	400	500	400	500	NF	400	500	2000	400 TWA
		CAMPHOR	2	4	2	12	NF	NA	NA	200	
		STEARALKONIUM BENTONITE	NA	NA	NF	NF	NF	NA	NA	15	DUST
		DIACETONE ALCOHOL	50	240	238	NF	NF	20	240	1800	
		CI 77491 (IRON OXIDES)	5	NA	NF	5	NF	5	NA	2500	FUME
8.2	Ventilation & Engineering Controls:	When working with large quantiti that an eyewash station, sink or								aust ver	ntilation, fans). Ensure
8.3	Respiratory Protection:	No special respiratory protectio	n is req	uired ur	nder typi	cal circu	nstances	of use	or hand	dling. I	lf
		necessary, use only respiratory	protect	ion auth	norized p	oer U.S.	OSHA's I	equiren	nent in	29 CFF	२
		§1910.134, or applicable U.S.	state r	egulatio	ns, or th	ne appro	priate sta	ndards	of Car	ada, its	s
		provinces, E.C. member states,	or Austra	alia.							



## **SAFETY DATA SHEET**

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

SDS Revision: 1.3

SDS Revision Date: 3/18/2015

### 8. EXPOSURE CONTROLS & PERSONAL PROTECTION - cont'd

8.4	Eye Protection:	Depending on the use of this product, splash or safety glasses may be worn. If necessary, refer to U.S. OSHA 29 CFR §1910.133, Canadian standards, or the European Standard EN166.	8
8.5	Hand Protection:	If anticipated that prolonged & repeated skin contact will occur during use of this product, wear latex or rubber gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member states.	
8.6	Body Protection:	No special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the E.C. member states, or U.S. OSHA.	

### 9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Appearance:	Viscous Liquid
9.2	Odor:	Ester (Fruity) Odor
9.3	Odor Threshold:	NA
9.4	pH:	NA
9.5	Melting Point/Freezing Point:	NA
9.6	Initial Boiling Point/Boiling Range:	77 – 130 °C (171 - 266 °F)
9.7	Flashpoint:	-4 °C (24 °F), TCC
9.8	Upper/Lower Flammability Limits:	LEL: 1.0%; UEL: 13.0%
9.9	Vapor Pressure:	NA
9.10	Vapor Density:	NA
9.11	Relative Density:	0.9998-1.0008
9.12	Solubility:	Insoluble
9.13	Partition Coefficient (log Pow):	ΝΑ
9.14	Autoignition Temperature:	NA
9.15	Decomposition Temperature:	ΝΑ
9.16	Viscosity:	1000-3000 cPs
9.17	Other Information:	ΝΑ
		10. STABILITY & REACTIVITY
10.1	Stability:	Stable under ambient conditions when stored properly (See Section 7, Storage and Handling)
10.2	Hazardous Decomposition Products:	If exposed to extremely high temperatures, the products of thermal decomposition may include irritation vapors and carbon oxide gases (e.g. CO, CO <sub>2</sub> ).
1		

10.3	Hazardous Polymerization:	May occur if exposed to extremely high temperatures.
10.4	Conditions to Avoid:	High temperatures and incompatible substances.
10.5	Incompatible Substances:	Strong oxidizers (e.g., peroxides, superoxides), strong acids (e.g., hydrochloric or muriatic acids), or strong bases (e.g., lye, potassium hydroxide).

### **11. TOXICOLOGICAL INFORMATION**

11.1	Routes of Entry:	Inhalation: Y	ES	Absorption:	YES	Ingestion:	YES		
11.2	Toxicity Data:	This product has not been tested on animals to obtain toxicology data. There is toxicology data for some components of the product, which are found in scientific literature. This data is presented below:							
		<u>Ethyl Acetate</u> : $LD_{50}$ (oral, (oral, rat) = 5,840 mg/kg	rat) = 11,300 mg	g/kg; Butyl Acetate:	LD <sub>50</sub> (oral, rat) = 1	1,400 mg/kg; <u>Isopr</u>	opyl Alcohol: LD50		
11.3	Acute Toxicity:	See Section 4.4							
11.4	Chronic Toxicity:	See Section 4.5							
11.5	Suspected Carcinogen:		This product contains <u>Isopropyl Alcohol</u> , which is not carcinogenic to humans, but is listed as Group 3 carcinogen by IARC. <u>Titanium Dioxide</u> : IARC Group 2B (possible human carcinogen); ACGIH A4 (not classified as a human						
11.6	Reproductive Toxicity:	This product is not reported	d to cause reproc	luctive toxicity in hu	mans.				
	Mutagenicity:	This product is not reported	d to cause mutag	enic effects in huma	ans.				
	Embryotoxicity:	This product is not reported	d to cause embry	otoxic effects in hur	nans.				
	Teratogenicity:	This product is not reported	d to cause terato	genic effects in hum	ans.				
	Reproductive Toxicity:	This product is not reported	d to cause reproc	luctive effects in hur	nans.				
11.7	Irritancy of Product:	See section 2.3							
11.8	Biological Exposure Indices:	NA							
11.9	Physician Recommendations:	Treat symptomatically.							



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Prepa	ared to OSHA, ACC, ANSI, N	OHSC, WHMIS, 2001/58 & 1272/2008/EC Standards	SDS Revision: 1.3	SDS Revision Date: 3/18/2015
		12. ECOLOGICAL INI		
12.1	Environmental Stability:	The components of this product will slowly deg environmental data available for the components of <u>Ethyl Acetate</u> : $K_{OC} = 0.73$ . Water solubility: 64,00 anticipated to be significant. This compound can b biodegradation. This compound's half-life in water is <u>Butyl Acetate</u> : $K_{OC} = 1.82$ . Water solubility: 120 Bioconcentration is not anticipated to be significant. from volatilization, and biodegradation. This compou <u>Isopropyl Alcohol</u> : Log $K_{OW} = 0.05$ -0.14. Isopropyl of plant and animal wastes. When released on land life in water is 5.4 days. Isopropyl alcohol is not exp	rade over time into a vari this product are as follows: 00 mg/L. Bioconcentration F be removed from contaminate s 6.1 hours. 0 parts H <sub>2</sub> O at 25 °C (77 . This compound can be ren und's half-life in water is 6.1 f alcohol occurs naturally; it is d or water, it is apt to volatiliz	Factor = 4-14. Bioconcentration is no ed environments from volatilization, and °F). Bioconcentration Factor = 4-14 noved from contaminated environments hours.
12.2 12.3	Effects on Plants & Animals: Effects on Aquatic Life:	There are no specific data for this product.		
12.5	Ellecis on Aqualic Lile.	There are no specific data available for this product to overexposed aquatic life.	, nowever, very large release	es of this product may be narmful or fata
10.1		13. DISPOSAL CONS		
13.1 13.2	Waste Disposal: Special Considerations:	Waste disposal must be in accordance with appropr	, ,	regulations.
13.2	Special Considerations.	U.S. EPA Waste Number: D001 (characteristic - igni	table)	
		14. TRANSPORTATION	INFORMATION	
		nber, proper shipping name, hazard class & division,	packing group) is shown for e	each mode of transportation. Additiona
desc 14.1	49 CFR (GND):	e required by 49 CFR, IATA/ICAO, IMDG and the CTE CONSUMER COMMODITY, ORM-D (IP VOL ≤ 1.0 UN1263, PAINT, 3, II		
14.2	IATA (AIR):	CONSUMER COMMODITY, 9, ID8000 (IP VOL ≤ 0 UN1263, PAINT, 3, II	.5 L)	
14.3	IMDG (OCN):	UN1263, PAINT, 3, II, (LTD QTY, IP VOL ≤ 1.0 L) UN1263, PAINT, 3, II		
14.4	TDGR (Canadian GND):	UN1263, PAINT, 3, II, (LTD QTY, IP VOL ≤ 1.0 L) UN1263, PAINT, 3, II		PLANMADLE LIQUID
14.5	ADR/RID (EU):	UN1263, PAINT, 3, II, (LTD QTY, IP VOL ≤ 1.0 L) UN1263, PAINT, 3, II		
14.6	SCT (MEXICO):	UN1263, PINTURA, 3, II, (CANTIDAD LIMITADA, IF UN1263, PINTURA, 3, II	<sup>3</sup> VOL ≤ 1.0 L)	
14.7	ADGR (AUS):	UN1263, PAINT, 3, II, (LTD QTY, IP VOL ≤ 1.0 L) UN1263, PAINT, 3, II		<b>D</b> ::
* This	s product may also be shippe	d as an Excepted Quantity (Inner Package Volume ≤ 30 mL,	Total Quantity ≤ 500 mL per Oute	er Package)
		15. REGULATORY IN	FORMATION	
15.1	SARA Reporting Requirements:	SARA 304 (40 CFR Table 302.4) – <u>Butyl Aceta</u> Formaldehyde, substances subject to SARA Title III	ate, <u>Ethyl Acetate</u> . This p	roduct contains <u>Isopropyl Alcohol</u> ar part 373.
15.2	SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities		
15.3	TSCA Inventory Status:	The components of this product are listed on the TS	CA Inventory.	
15.4	CERCLA Reportable Quantity (RQ):	Butyl Acetate: 2,270 kg (5,000 lbs); Ethyl Acetate: 2,		
15.5	Other Federal Requirements:	This product complies with the appropriate sectio (Cosmetics).	ns of the Food and Drug	Administration's 21 CFR subchapter
15.6	Other Canadian Regulations:	This product has been classified according to the ha all of the information required by the CPR. The DSL/NDSL. None of the components of this prod WHMIS Class B2 Flammable Liquid.	components of this produc	ct are listed on the

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## SAFETY DATA SHEET

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		15. REGULATORY INFORMATION – cont'd
15.7	State Regulatory Information:	Butyl Acetate       is found on the following state criteria lists: California Hazardous Substances List (CA), Delaware Air         Quality Management List (DE), Massachusetts Hazardous Substances List (MA), Minnesota Hazardous Substances List         (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List         (PA), and Washington Permissible Exposures List (WA).         Ethyl Acetate       is found on the following state criteria lists: CA, DE, MA, MN, NJ, NY, PA, WA, and Wisconsin Hazardous         Substances List (WI).       Nitrocellulose       is found on the following state criteria lists: FL, MA, and PA.         Isopropyl Alcohol       is found on the following state criteria lists: FL, MA, MN, NJ, PA, and WA.         Camphor       is found on the following state criteria list: FL, MA, MN, PA and WA.
		No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).
15.8	Other Requirements:	The primary components of this product are listed in Annex I of EU Directive 67/548/EEC: <u>Isopropyl Alcohol</u> : Flammable, Irritant (F, Xi); <u>Butyl Acetate</u> : Flammable. (F); <u>Ethyl Acetate</u> : Flammable, Irritant (F, Xi). <u>Risk Phrases</u> (R) – R11-36-66-67 – Highly flammable. Harmful if swallowed. Irritating to eyes. Vapors may cause drowsiness and dizziness. Repeated exposure may cause skin dryness and cracking. <u>Safety Phrases</u> (S): S1/2-7/9-16-20/21-24/25-26-28-33-46 - Keep locked up and out of the reach of children. Keep container tightly closed and in a well- ventilated place. Keep away from sources of ignition. When using, do not eat, drink or smoke. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash with plenty of soap and warm water. Take precautionary measures against static discharges. If swallowed, seek medical advice immediately and show this container or label.
		16. OTHER INFORMATION
16.1	Other Information:	WARNING! FLAMMMABLE LIQUID AND VAPOUR. MAY BE HARMFUL IF SWALLOWED. MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EYE IRRITATION. Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Keep container tightly closed. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES - Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If skin irritation or a rash occurs - Get medical advice/attention. For specific first aid treatment (see section 4 of this Safety Data Sheet). Store in a well-ventilated place. Keep cool. 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 & OPI'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:	OPI Products, Inc.           13034 Saticoy Street           No. Hollywood, CA 91605 USA           Tel: +1 (818) 759-2400           Fax: +1 (818) 759-5776           http://www.opi.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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SDS Revision Date: 3/18/2015

### **DEFINITION OF TERMS**

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following: GENERAL INFORMATION:

#### CAS No. Chemical Abstract Service Number

#### EXPOSURE LIMITS IN AIR:

ACGIH	American Conference on Governmental Industrial Hygienists
TLV	Threshold Limit Value
OSHA	U.S. Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
IDLH	Immediately Dangerous to Life and Health

#### FIRST AID MEASURES:

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

#### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

#### HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

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

#### PERSONAL PROTECTION RATINGS:

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F	0		X		supervisor or SOPs Indling directions.	
				~		
Sa	ifety Glasses	Splash Goggles		Shield & tive Eyewear	Gloves	
	Boots	Synthetic Apron		tive Clothing Full Suit	Dust Respirator	
					Î	
Full F	ace Respirator	Dust & Vapor Half-	FL	ull Face	Airline Hood/Mask	٢.

#### Full Face Respirator Dust & Vapor Half- Full Face Mask Respirator Respirator

#### OTHER STANDARD ABBREVIATIONS:

NA	NA Not Available					
NR	No Results					
NE	Not Established					
ND	Not Determined					
ML	Maximum Limit					
SCBA	Self-Contained Breathing Apparatus					

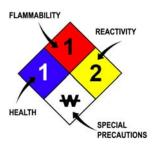
or SCBA

#### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

#### ELAMMABILITY 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
OX	Oxidizer
TREFOIL	Radioactive



#### TOXICOLOGICAL INFORMATION:

LD <sub>50</sub>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
	S
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>lo</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
TC	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NDSL	Canadian Non-Domestic Substance List
PSL	Canadian Priority Substances List
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)
WGK	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

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

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Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

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

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