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

SDS Revision: 3.1

1.1	Product Name:													
	Troduct Name.	OPI NAIL	ENVY -	SOFI&I	HIN									
1.2	Chemical Name:	Solvent Mixture	Э											
.3	Synonyms:	NA												
.4	Trade Names:	NT T111, NT T	116											
.5	Product Use:	Cosmetic Use	Only											
.6	Distributor's Name:	OPI Products,	- /											
.7	Distributor's Address:	13034 Saticoy		llywood CA 9	1605 1194									
.8	Emergency Phone:						0000		1 4 0 4					
		CHEMTRE			+1 (800	) 424	-9300	) (CC	N 163	377)				
.9	Business Phone / Fax:	+1 (818) 759-2	400 / +1 (818)	759-5776										
			2. HA	ZARDSI	DENTI	<b>FIC</b>	ATIC	N						
.1	Hazard Identification:	This product is							is qoo	ds ac	cordin	g to th	ne	
		classification c	riteria of NOHS	SC: 1008 (2004	4) and AD	G Cod	le (Aus	tralia).	5			5	-	
		DANGER! HI								N AL	LERG	IC SK	N	
		REACTION. C												
		MAY CAUSE	DROWSINES	OR DIZZINE	SS.									
		Classification:	Flam, Lig, 2; S	kin Sens. 1: E	ve Irrit. 2A	: STO	T SE 3							
		Hazard Statem	•		-				7 – Ma	v cau	se an a	alleraid		
		skin reaction.												
		– May cause d							Sopial				·   .	
		Precautionary			n away fr	om ho	at/enar	ks/ono	n flam	p/hot	surfac	- A - N	Jol '	く ピク 🦯
		Smoking. P2												
		static discharg												
		skin areas tho												
		should not be												
		protection. P2												<b>``</b>
			Immediately call a POISON CENTER or doctor/physician. P302+P352 – IF ON SKIN: Wash with											
			pap and water. P305+P351+P338 – IF IN EYES: Rinse continuously with water for several											
					IN EYES	S: Rins	se con	ntinuou	sly wit	h wa	ter for	sever	al	
		minutes. Remo	ove contact ler	ses if present	IN EYES	S: Rins to do -	se con - conti	ntinuou: nue rin	sly wit sing.	h wa P333-	ter for +P313	sever – If sk	al in	$\mathbf{\vee}$
		minutes. Remo	ove contact ler ash occurs -	ises if present Get medical a	IN EYES and easy dvice/atte	S: Rins to do - ntion.	se con – conti P321	ntinuou nue rin – For	sly wit sing. specifi	h wai P333- ic first	ter for +P313 t aid tr	sever – If sk eatme	al in nt	$\mathbf{\vee}$
		minutes. Remo irritation or a r (See Section	ove contact ler ash occurs – 4 of this Safe	ises if present Get medical a ty Data Sheet	IN EYES and easy dvice/atte ). P363	S: Rins to do - ntion. – Was	se con – conti P321 sh cont	ntinuou nue rin – For tamina	sly wit sing. specifi ted clo	h wat P333- ic first othing	ter for +P313 t aid tr before	sever – If sk eatme e reus	al in nt e.	$\mathbf{\vee}$
		minutes. Remo irritation or a r (See Section P370+P378 –	ove contact ler ash occurs – 4 of this Safe In case of fi	ises if present Get medical a ty Data Sheet re, CO <sub>2</sub> , Halo	IN EYES and easy dvice/atte ). P363 n (if pern	S: Rins to do - ntion. – Was nitted),	se con - conti P321 sh cont , dry c	ntinuou: nue rin – For tamina chemica	sly wit sing. specifi ted clo al, or	h wat P333- ic first othing foam	ter for +P313 t aid tr befor for ex	sever – If sk reatme e reus ctinctio	al in nt e. n.	$\mathbf{V}$
		minutes. Remo irritation or a r (See Section P370+P378 – P403+P235 –	ove contact ler ash occurs – 4 of this Safe In case of fi Store in a well	ises if present Get medical a ty Data Sheet re, CO <sub>2</sub> , Halo -ventilated plac	IN EYES and easy dvice/atte ). P363 n (if pern ce. Keep	S: Rins to do - ntion. – Was nitted), cool. I	se con - conti P321 sh cont , dry c	ntinuou: nue rin – For tamina chemica	sly wit sing. specifi ted clo al, or	h wat P333- ic first othing foam	ter for +P313 t aid tr befor for ex	sever – If sk reatme e reus ctinctio	al in nt e. n.	$\checkmark$
		minutes. Remo irritation or a r (See Section P370+P378 –	ove contact ler ash occurs – 4 of this Safe In case of fi Store in a well	ises if present Get medical a ty Data Sheet re, CO <sub>2</sub> , Halo -ventilated plac	IN EYES and easy dvice/atte ). P363 n (if pern ce. Keep	S: Rins to do - ntion. – Was nitted), cool. I	se con - conti P321 sh cont , dry c	ntinuou: nue rin – For tamina chemica	sly wit sing. specifi ted clo al, or	h wat P333- ic first othing foam	ter for +P313 t aid tr befor for ex	sever – If sk reatme e reus ctinctio	al in nt e. n.	V
		minutes. Remo irritation or a r (See Section P370+P378 – P403+P235 – a licensed trea	ove contact ler rash occurs – 4 of this Safe In case of fi Store in a well tment, storage	ases if present Get medical a ty Data Sheet re, CO <sub>2</sub> , Halo -ventilated place or disposal fa	IN ÉYES and easy dvice/atte ). P363 n (if pern ce. Keep cility (TSD	S: Rins to do - ntion. – Was nitted), cool. I 0F).	se con - conti P321 sh cont , dry c P501 -	nue rin – For tamina chemica - Dispo	sly wit sing. specifi ted clo al, or se of c	h wat P333- ic first othing foam conter	ter for +P313 t aid tr befor for ex	sever – If sk reatme e reus ctinctio	al in nt e. n.	
		minutes. Remo irritation or a r (See Section P370+P378 – P403+P235 – a licensed trea	ove contact ler rash occurs – 4 of this Safe In case of fi Store in a well tment, storage	ises if present Get medical a ty Data Sheet re, CO <sub>2</sub> , Halo -ventilated plac	IN ÉYES and easy dvice/atte ). P363 n (if pern ce. Keep cility (TSD	S: Rins to do - ntion. – Was nitted), cool. I 0F).	se con - conti P321 sh cont , dry c P501 -	nue rin – For tamina chemica - Dispo	sly wit sing. specifi ted clo al, or se of c	h wat P333- ic first othing foam conter ON	ter for +P313 t aid tr befor for ex hts/con	sever – If sk reatme e reus ktinctio tainer	al in nt e. n. to	
		minutes. Remo irritation or a r (See Section P370+P378 – P403+P235 – a licensed trea	ove contact ler rash occurs – 4 of this Safe In case of fi Store in a well tment, storage	ases if present Get medical a ty Data Sheet re, CO <sub>2</sub> , Halo -ventilated place or disposal fa	IN ÉYES and easy dvice/atte ). P363 n (if pern ce. Keep cility (TSD	S: Rins to do - ntion. – Was nitted), cool. I 0F).	se conti P321 sh conti , dry c P501 –	nue rin – For tamina chemica - Dispo	sly wit sing. specifi ted clo al, or se of c	h wat P333- ic first othing foam conter ON	ter for +P313 t aid tr befor for ex hts/con	sever – If sk reatme e reus ctinctio	al in nt e. n. to	
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	· · ·	minutes. Remo irritation or a r (See Section – P370+P378 – P403+P235 – a licensed trea <b>3. CO</b>	ove contact ler rash occurs – 4 of this Safe In case of fi Store in a well tment, storage	Anses if present Get medical a ty Data Sheet re, CO <sub>2</sub> , Halo -ventilated place or disposal fa	IN ÉYÉS and easy dvice/atte ). P363 n (if perm ce. Keep cility (TSD	S: Rins to do - ntion. – Was nitted), cool. I F). ENT	se con - conti P321 sh con , dry c P501 - INF( GIH m	ntinuou: nue rin – For tamina chemic: - Dispo ORN	sly wit sing. specifi ted clo al, or se of c <b>IATI</b> <u>EXPOS</u> NOHSC ppm ES-	th wat P333- ic first othing foam conter ON SURE L	ter for +P313 t aid tr before for e> hts/con	sever – If sk eatme e reus ctinctio tainer	al in nt e. n. to g/m <sup>3</sup> )	OTHER 100 NIOSH
	IICAL NAME(S) L ACETATE	minutes. Remo irritation or a r (See Section P370+P378 – P403+P235 – a licensed trea <b>3. CO</b> (CAS No. 123-86-4	ove contact ler ash occurs – 4 of this Safe In case of fi Store in a well tment, storage MPOSITI	Ases if present Get medical a ty Data Sheet re, CO <sub>2</sub> , Halo -ventilated plac e or disposal fa ON & INC EINECS No. 204-658-1	N ÉYÉS and easy dvice/atte ). P363 n (if perm ce. Keep cility (TSD REDII	S: Rins to do - ntion. – Was nitted), cool. I F). ENT Acc PP TLV	se con - conti P321 sh con , dry c P501 - INF( GIH m STEL	nue rin – For tamina chemica - Dispo ORN ES- TWA	sly wit sing. specifi ted clo al, or se of c <b>IATI</b> <u>EXPOS</u> NOHSC ppm ES- STEL	th wat P333- ic first othing foam conter ON SURE L ES- PEAK	ter for +P313 t aid tr befor for ex nts/con	sever – If sk eatme e reus ctinctio tainer	al in nt e. n. to g/m <sup>3</sup> )	
JTY	LACETATE	minutes. Remo irritation or a r (See Section P370+P378 – P403+P235 – a licensed trea <b>3. CO</b> (CAS No. 123-86-4	ve contact ler ash occurs – 4 of this Safe In case of fi Store in a well tment, storage MPOSITI RTECS №. AF7350000	Ases if present Get medical a ty Data Sheet re, CO <sub>2</sub> , Halo -ventilated plac e or disposal fa ON & INC EINECS No. 204-658-1	N ÉYÉS and easy dvice/atte ). P363 n (if perm ce. Keep cility (TSD REDII	S: Rins to do - ntion. – Was nitted), cool. I F). ENT Acc PP TLV	se con - conti P321 sh con , dry c P501 - INF( GIH m STEL	nue rin – For tamina chemica - Dispo ORN ES- TWA	sly wit sing. specifi ted clo al, or se of c <b>IATI</b> <u>EXPOS</u> NOHSC ppm ES- STEL	th wat P333- ic first othing foam conter ON SURE L ES- PEAK	ter for +P313 t aid tr befor for ex nts/con	sever – If sk eatme e reus ctinctio tainer	al in nt e. n. to g/m <sup>3</sup> ) IDLH 1700	
JTY	· · ·	minutes. Remo irritation or a r (See Section P370+P378 – P403+P235 – a licensed trea <b>3. CO</b> (CAS No. 123-86-4 Flam. Liq. 3; S	AF735000 TOT SE 3; H226 QW0970000	ses if present Get medical a ty Data Sheet re, CO <sub>2</sub> , Halo -ventilated plac e or disposal fa ON & ING EINECS No. 204-658-1 , H336	IN ÉYÉS and easy dvice/atte ). P363 n (if perm ce. Keep cility (TSD <b>REDII</b> % 15-40	S: Rins to do - ntion. – Was nitted), cool. I PF). ENT ACC PP TLV 150	se con - contii P321 sh conti , dry c P501 - INF( GIH m STEL 200	nue rin – For tamina chemica Dispo ORN ES- TWA 150	sly wit sing. specifi ted clc al, or se of c IATI EXPOS NOHSC ppm ES- STEL 200	th wai P333- ic first othing foam conter ON SURE L ES- PEAK NF	ter for +P313 t aid tr beford for e> hts/con	sever – If sk reatme e reus tinctio tainer I AIR (m/ OSHA ppm STEL 200	al in nt e. n. to g/m <sup>3</sup> ) IDLH 1700	100 NIOSH
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JTY TRO	L ACETATE	minutes. Remo irritation or a r (See Section P370+P378 – P403+P235 – a licensed trea <b>3. CO</b> (CAS No. 123-86-4 Flam. Liq. 3; S 9004-70-0 Flam. Liq. 2; H 64-17-5 Flam. Liq. 2, H2	Prove contact ler         ash occurs –         4 of this Safe         In case of fi         Store in a well         tment, storage         MPOSITI         RTECS No.         AF7350000         TOT SE 3; H226         QW0970000         225         KQ6300000         225	Anses if present Get medical a ty Data Sheet re, CO <sub>2</sub> , Halo -ventilated plac e or disposal fa ON & INC EINECS No. 204-658-1 , H336 NA 200-578-6	IN ÉYÉS and easy dvice/atte ). P363 · n (if perm ce. Keep cility (TSD <b>REDII</b> % 15-40 10-30	S: Rins to do - ntion. – Was nitted), cool. I 0F). ENT Acc PP TLV 150 400	se con - contii P321 sh conti P321 sh conti P501 - INF( GIH 377 STEL 200 400	nue rin – For tamina chemica - Dispo ORN ES- TWA 150 400 1880	sly wit sing. specifi ted clo al, or se of c IATI EXPOS NOHSC ppm ES- STEL 200 200	h wai P333- ic first thing foam conter ON SURE L ES- PEAK NF NF	ter for +P313 t aid tr beford for ex- nts/con IMITS IN PEL 200 NA	sever – If sk eatme e reus ttinctio tainer I AIR (m OSHA ppm STEL 200 NA 1900	al in nt e. n. to g/m <sup>3</sup> ) IDLH 1700 2000 33300	100 NIOSH 400 TWA
JTY TRO THA	L ACETATE	minutes. Remo irritation or a r (See Section P370+P378 – P403+P235 – a licensed trea <b>3. CO</b> (CAS No. 123-86-4 Flam. Liq. 3; S 9004-70-0 Flam. Liq. 2; H 64-17-5 Flam. Liq. 2; H 141-78-6	A of this Safe         In case of fi         Store in a well         tment, storage         MPOSITI         RTECS No.         AF7350000         TOT SE 3; H226         QW0970000         225         KQ6300000         :25         AH5425000	Anses if present Get medical a ty Data Sheet re, CO <sub>2</sub> , Halo -ventilated plac e or disposal fa ON & INC EINECS No. 204-658-1 , H336 NA 200-578-6 205-500-4	IN ÉYÉS and easy dvice/atte ). P363 · n (if perm ce. Keep cility (TSD <b>REDII</b> % 15-40 10-30 10-30	S: Rins to do - ntion. – Was nitted), cool. I DF). ENT ACC PP TLV 150	se con - contii P321 sh conti p321 sh conti P501 - INF( GIH m STEL 200 400	nue rin – For tamina chemica - Dispo ORN ES- TWA 150 400	sly wit sing. specifi ted clo al, or se of c IATI EXPOS NOHSC ppm ES- STEL 200	h wai P333- ic first othing foam conter ON SURE L ES- PEAK NF	ter for +P313 t aid tr before for ex- nts/con IMITS IN PEL 200 NA	sever – If sk eatme e reus ttinctio tainer I AIR (m) OSHA ppm STEL 200 NA	al in nt e. n. to g/m <sup>3</sup> ) IDLH 1700 2000 33300	100 NIOSH
JTY TRO THA	L ACETATE DCELLULOSE	minutes. Remo irritation or a r (See Section - P370+P378 – P403+P235 – a licensed trea <b>3. CO</b> (CAS No. 123-86-4 Flam. Liq. 2; H 64-17-5 Flam. Liq. 2; H 141-78-6 Flam. Liq. 2; E	RTECS No.         AF7350000         COT SE 3; H226         QW0970000         225         KQ6300000         225         AH5425000         ye Irrit. 2; STOT	INSES IF PRESENT Get medical a ty Data Sheet re, CO <sub>2</sub> , Halo -ventilated plac or disposal fa ON & INC EINECS No. 204-658-1 , H336 NA 200-578-6 205-500-4 SE 3; H225, H31	IN ÉYÉS and easy dvice/atte ). P363 . n (if perm ce. Keep cility (TSD <b>REDII</b> 15-40 10-30 10-30 10-30 9, H336	S: Rins to do - ntion. – Was nitted), cool. I DF). ENT ACC PP TLV 150 400 400	se con - contii P321 sh conti P321 - contii P321 - contii P321 - contii P321 - contii P321 - contii P321 - contii P321 - contii P321 - contii - contii	nue rin – For tamina chemica - Dispo ORN ES- TWA 150 400 1880 200	sly wit sing. specifi ted clc al, or se of c IATI EXPOS NOHSC ppm ES- STEL 200 200 NF 400	h wai P333- ic first thing foam conter ON SURE L ES- PEAK NF NF	ter for +P313 t aid tr before for ex- nts/con IMITS IN PEL 200 NA 1000	sever – If sk eatme e reus ttinctio tainer I AIR (m OSHA ppm STEL 200 NA 1900 NA	al in nt e. n. to g/m <sup>3</sup> ) IDLH 1700 2000 33300 2000	100 NIOSH 400 TWA
JTY TRO HA	L ACETATE DCELLULOSE	minutes. Remo irritation or a r (See Section - P370+P378 – P403+P235 – a licensed trea <b>3. CO</b> (CAS No. 123-86-4 Flam. Liq. 3; S 9004-70-0 Flam. Liq. 2; H 64-17-5 Flam. Liq. 2; H 141-78-6 Flam. Liq. 2; E 142-82-5	AF735000 AF735000 AF735000 TOT SE 3; H226 QW097000 225 KQ630000 225 AH5425000 ye Irrit. 2; STOT MI7700000	INSES IF PRESENT Get medical a ty Data Sheet re, CO <sub>2</sub> , Halo -ventilated plac or disposal fa ON & ING EINECS No. 204-658-1 , H336 NA 200-578-6 205-500-4 SE 3; H225, H31 205-563-8	IN ÉYÉS and easy dvice/atte ). P363 . n (if perm ce. Keep cility (TSD <b>REDII</b> 15-40 10-30 10-30 10-30 9, H336 1.0-5.0	S: Rins to do - ntion. – Was nitted), cool. I DF). ENT Acc PP TLV 150 400 400 400	se con - contii P321 sh conti P321 - contii P321 - contii P321 - contii P321 - contii P321 - contii P321 - contii P321 - contii - contii P321 - contii - con	nue rin – For tamina chemica - Dispo ORN ES- TWA 150 400 1880 200	sly wit sing. specifi ted clo al, or se of c IATI EXPOS NOHSC ppm ES- STEL 200 200 NF 400	h wai P333- ic first thing foam conter ON SURE L ES- PEAK NF NF NF	ter for +P313 t aid tr before for ex ts/con IMITS IN PEL 200 NA 1000 NA	sever – If sk eatme e reus ttinctio tainer I AIR (m OSHA ppm STEL 200 NA 1900 NA 500	al in nt e. n. to g/m <sup>3</sup> ) IDLH 1700 2000 3300 2000 750	100 NIOSH 400 TWA
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JTY TRO THA THY EPT	L ACETATE DCELLULOSE NOL L ACETATE ANE	minutes. Remo irritation or a r (See Section - P370+P378 – P403+P235 – a licensed trea 3. CO CAS No. 123-86-4 Flam. Liq. 3; S' 9004-70-0 Flam. Liq. 2; H 64-17-5 Flam. Liq. 2; H 64-17-5 Flam. Liq. 2; E 141-78-6 Flam. Liq. 2; S 142-82-5 Flam. Liq. 2; S 130353-62-7	AF735000 AF735000 AF735000 AF735000 COT SE 3; H226 QW097000 225 AH5425000 ye Irrit. 2; STOT MI770000 Kan Irrit. 2; STOT NA	A ses if present Get medical a ty Data Sheet re, CO <sub>2</sub> , Halo -ventilated place or disposal fa ON & INC EINECS No. 204-658-1 , H336 NA 200-578-6 205-500-4 SE 3; H225, H31 205-563-8 -SE 3; Asp. 1; Act NA NA	IN ÉYÉS and easy dvice/atte ). P363 n (if perm ce. Keep cility (TSD <b>REDII</b> <b>REDII</b> 10-30 10-30 10-30 9, H336 1.0-5.0 quatic Acute 1.0-5.0	S: Rins to do - ntion. – Was nitted), cool. I OF). ENT Act PP TLV 150 400 400 400 400 21; Aqu	se conti P321 P321 sh conti P501 - <b>INF(</b> <b>GIH</b> <b>3TEL</b> 200 400 1900 400 500 Jatic Ch	nue rin – For tamina chemica - Dispo ORN ES- TWA 150 400 1880 200 400 ronic 2;	sly wit sing. specifi ted clc al, or se of c IATI EXPOS NOHSC 200 200 NF 400 1640 H225,	h wai P333- ic first thing foam conter ON SURE L ES- PEAK NF NF NF NF NF	ter for +P313 t aid tr befor for ex- nts/con IMITS IN PEL 200 NA 1000 NA 400 H315, I	sever – If sk eatme e reus dtinctio tainer I AIR (m OSHA 0SHA PPM STEL 200 NA 1900 NA 1900 NA 1900 H336, F	al in nt e. n. to g/m <sup>3</sup> ) IDLH 1700 2000 3300 2000 2000	100 NIOSH 400 TWA
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Prep	ared to OSHA, ACC, ANSI, N	OHSC, WHMIS, 2	2001/58 & 1272/200	8/EC Standard	s		SDS I	Revisio	n: 3.1		SDS I	Revisior	n Date:	2/8/201	6
		3. COMPO	<b>OSITION &amp;</b>	INGRED	DIENT	INF	ORN	IATI	ON -	- co	nt'd				
								1			MITS IN	I AIR (mg	g/m³)	1	
							GIH om		NOHSC ppm			OSHA ppm			
								ES-	ES-	ES-					
	MICAL NAME(S)	CAS No. 70084-87-5	RTECS No.	EINECS No.	% 0.1-1.0	TLV NE	STEL NE	TWA NF	STEL NF	PEAK NF	PEL NE	STEL NE	IDLH NE	c	DTHER
HYD	ROLYZED WHEAT PROTEIN	10001010			011 110										
CI 60	725 (VIOLET 2)	81-48-1	CB7700000	201-353-5	0.1-1.0	NE	NE	NF	NF	NF	NE	NE	NE		
			4. F			SUF	RES								
4.1	First Aid:	<u>Eyes</u> :	If ingested, do IMMEDIATELY. unconscious per estimate of the swallowed. Splashes are not	If the patien son. Contact time at whic t likely; howev	t is vomit t the near th the m ver, if pro	ing, co rest Po aterial duct ge	ontinue bison C was i ets in t	to off Control ingeste	er wate Cente ed and es, flus	erorn rorloo Ithea	nilk. N cal em amoun	Never g nergend it of th	give wa cy num ne sub	ater or iber. F stance	milk to an Provide an that was
		<u>Skin</u> :	for at least 15 mi If irritation occurs washing of the a physician immed	s and product affected area	t is on the	e skin,	rinse t	horoug	ghly wi						
		Inhalation:	Remove victim to												
4.2	Effects of Exposure:	Ingestion:	If product is sv depression.	vallowed, ma	ay cause	naus	ea, vo	miting	and/o	or diar	rhea a	and ce	entral	nervou	is system
		Ever	Eyes: Irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation and watering.												
		Skin:	May be irritating	to skin in son	ne sensiti	ve indi	viduals	s, espe	ecially	after pi	olong	ed and	l/or rep	eated	contact.
12	Sumptome of Overeypopure:	<u>Skin</u> : Inhalation:	May be irritating Vapors of this p system. Sympt breathing. Inha Information) can nausea).	to skin in son product may b oms of overe lation of vap n cause cent	ne sensiti be slightl exposure fors exce tral nerve	ve indi y irrita can ir eding bus sy	viduals ting to nclude the le rstem	s, espe the n cougl vels li depres	ecially a lose, th ning, w sted in ssion	after pr nroat a /heezir n Sect (e.g., o	rolonge and oth ng, na ion 3 drowsi	ed and her tiss Isal co (Comp iness,	l/or rep sues c ngestio oositior dizzine	eated of the roon, and n and ess, ho	contact. respiratory d difficulty Ingredient eadaches
4.3	Symptoms of Overexposure:	<u>Skin</u> : <u>Inhalation</u> : Symptoms o	May be irritating Vapors of this p system. Sympto breathing. Inha Information) car	to skin in son product may l oms of overe alation of vap a cause cent	ne sensiti be slightl exposure fors exce tral nerve	ve indi y irrita can ir eding ous sy may ii	viduals ting to nclude the le stem	s, espe the n cougl vels li depres	ecially a lose, th ning, w sted in ssion	after pr nroat a /heezir n Sect (e.g., o	rolonge and oth ng, na ion 3 drowsi	ed and her tiss Isal co (Comp iness,	l/or rep sues c ngestio oositior dizzine	eated of the roon, and n and ess, ho	contact. respiratory d difficulty Ingredient eadaches
	Symptoms of Overexposure: Acute Health Effects:	Skin: Inhalation: Symptoms o Overexposure Mild to mode	May be irritating Vapors of this p system. Sympti- breathing. Inha Information) car nausea). f skin overexpo e in eyes may cau rate irritation to e	to skin in son product may l oms of overe lation of vap cause cent osure in indi use redness, eyes and skin	ne sensiti be slightl exposure ors exce tral nerve ividuals itching ar	ve indi y irrita can ir eding ous sy may ii nd wate	viduals ting to nclude the le stem nclude ering.	s, espe the n cougl vels li depres redn	ecially a lose, th ning, w sted in ssion ess, it	after proat a vheezir Sect (e.g., o cching,	rolonge and oth ng, na ion 3 drowsi and	ed and her tiss sal co (Comp iness, irritatio	l/or rep sues c ngestio oositior dizzino on of	eated of the r on, and ess, ho affecto	contact. espiratory d difficulty Ingredient eadaches, ed areas.
4.4	Acute Health Effects:	Skin: Inhalation: Symptoms o Overexposure Mild to mode drowsiness, c	May be irritating Vapors of this p system. Sympt- breathing. Inha Information) car nausea). f skin overexpo e in eyes may cau	to skin in son product may l oms of overe lation of vap cause cent osure in indi use redness, eyes and skin	ne sensiti be slightl exposure ors exce tral nerve ividuals itching ar	ve indi y irrita can ir eding ous sy may ii nd wate	viduals ting to nclude the le stem nclude ering.	s, espe the n cougl vels li depres redn	ecially a lose, th ning, w sted in ssion ess, it	after proat a vheezir Sect (e.g., o cching,	rolonge and oth ng, na ion 3 drowsi and	ed and her tiss sal co (Comp iness, irritatio	l/or rep sues c ngestio oositior dizzino on of	eated of the r on, and ess, ho affecto	contact. espiratory d difficulty Ingredient eadaches, ed areas.
4.4 4.5		Skin: Inhalation: Symptoms o Overexposure Mild to mode drowsiness, o None known.	May be irritating Vapors of this p system. Sympti- breathing. Inha Information) car nausea). f skin overexpo e in eyes may cau rate irritation to e dizziness, headac	to skin in son product may l oms of overe lation of vap a cause cent osure in indi use redness, ayes and skin thes and naus	ne sensiti be slightl exposure ors exce tral nerve ividuals itching ar	ve indi y irrita can ir eding ous sy may ii nd wate	viduals ting to nclude the le stem nclude ering.	s, espe the n cougl vels li depres redn	ecially a lose, th ning, w sted in ssion ess, it	after proat a vheezir Sect (e.g., o cching,	rolonge and oth ng, na ion 3 drowsi and	ed and her tiss sal co (Comp iness, irritatio	l/or rep sues c ngestio oositior dizzino	eated of the r on, and ess, ho affecto	contact. espiratory d difficulty Ingredient eadaches, ed areas.
4.4 4.5 4.6	Acute Health Effects: Chronic Health Effects: Target Organs: Medical Conditions	Skin: Inhalation: Symptoms of Overexposure Mild to mode drowsiness, of None known. Eyes, Skin, R Pre-existing of	May be irritating Vapors of this p system. Sympti- breathing. Inha Information) car nausea). If skin overexpo- e in eyes may cau rate irritation to e dizziness, headaco espiratory System dermatitis, other	to skin in son product may l oms of overe lation of vap o cause cent osure in indi use redness, eyes and skin thes and naus m. skin conditio	ne sensiti be slightl exposure fors exce tral nerve itching ar near aff sea.	ve indi y irrita can ir eding bus sy may in ad wate ected a	viduals ting to nclude the le stem nclude ering. areas.	s, espe the n cough vels li depres redn Addit	ecially a lose, th ning, v sted in ssion ess, it ionally	after pr hroat a vheezin Sect (e.g., o ching, , high o	rolonge and oth ng, na ion 3 drowsi and	ed and her tiss sal co (Comp iness, irritatio	l/or rep sues c ngestio oositior dizzino	eated of the r on, and ess, ho affecto	contact. espiratory d difficulty Ingredient eadaches, ed areas.
4.4 4.5 4.6	Acute Health Effects: Chronic Health Effects: Target Organs:	Skin: Inhalation: Symptoms of Overexposure Mild to mode drowsiness, of None known. Eyes, Skin, R Pre-existing of	May be irritating Vapors of this p system. Sympti- breathing. Inha Information) car nausea). f skin overexpo e in eyes may cau rate irritation to e dizziness, headac	to skin in son product may l oms of overe lation of vap o cause cent osure in indi use redness, eyes and skin thes and naus m. skin conditio	ne sensiti be slightl exposure fors exce tral nerve itching ar near aff sea.	ve indi y irrita can ir eding bus sy may in ad wate ected a	viduals ting to nclude the le stem nclude ering. areas.	s, espe the n cough vels li depres redn Addit	ecially : ose, th ning, w sted in ssion ess, it ionally HEAL	after pr nroat a /heezir n Sect (e.g., o cching, , high o TH	rolonge and oth ng, na ion 3 drowsi and concer	ed and her tiss sal co (Comp iness, irritatio	l/or rep sues c ngestio oositior dizzino	eated of the r on, and ess, ho affecto	contact. respiratory d difficulty Ingredient eadaches, ed areas. can cause
4.3 4.4 4.5 4.6 4.7	Acute Health Effects: Chronic Health Effects: Target Organs: Medical Conditions	Skin: Inhalation: Symptoms of Overexposure Mild to mode drowsiness, of None known. Eyes, Skin, R Pre-existing of	May be irritating Vapors of this p system. Sympti- breathing. Inha Information) car nausea). If skin overexpo- e in eyes may cau rate irritation to e dizziness, headaco espiratory System dermatitis, other	to skin in son product may l oms of overe lation of vap o cause cent osure in indi use redness, eyes and skin thes and naus m. skin conditio	ne sensiti be slightl exposure fors exce tral nerve itching ar near aff sea.	ve indi y irrita can ir eding bus sy may in ad wate ected a	viduals ting to nclude the le stem nclude ering. areas.	s, espe the n cough vels li depres redn Addit	ecially : ose, th ning, w sted in ssion ess, it ionally HEAL FLAM	after pr nroat a /heezir n Sect (e.g., ( cching, , high ( TH	rolonge and oth ng, na ion 3 drowsi and concer	ed and her tiss sal co (Comp iness, irritatio	l/or rep sues c ngestion dizzing on of ns of v	eated of the r on, and ess, ho affecto	contact. respiratory d difficulty Ingredient eadaches, ed areas. can cause 2 3
4.4 4.5 4.6	Acute Health Effects: Chronic Health Effects: Target Organs: Medical Conditions	Skin: Inhalation: Symptoms of Overexposure Mild to mode drowsiness, of None known. Eyes, Skin, R Pre-existing of	May be irritating Vapors of this p system. Sympti- breathing. Inha Information) car nausea). If skin overexpo- e in eyes may cau rate irritation to e dizziness, headaco espiratory System dermatitis, other	to skin in son product may l oms of overe lation of vap o cause cent osure in indi use redness, eyes and skin thes and naus m. skin conditio	ne sensiti be slightl exposure fors exce tral nerve itching ar near aff sea.	ve indi y irrita can ir eding bus sy may in ad wate ected a	viduals ting to nclude the le stem nclude ering. areas.	s, espe the n cough vels li depres redn Addit	ecially a ose, th ning, v sted in ssion ess, if ionally HEAL FLAM PHYS	after pr nroat a vheezin Sect (e.g., o ching, , high o TH MAB	rolonge and oth ng, na ion 3 drowsi and concer	ed and her tis isal co (Comp iness, irritation ntration	l/or rep sues c ngestio position dizzing on of ns of v	eated of of the r on, and ess, ho affecto	contact. respiratory d difficulty Ingredient eadaches, ed areas. can cause 2 3 0
4.4 4.5 4.6	Acute Health Effects: Chronic Health Effects: Target Organs: Medical Conditions	Skin: Inhalation: Symptoms of Overexposure Mild to mode drowsiness, of None known. Eyes, Skin, R Pre-existing of	May be irritating Vapors of this p system. Sympti- breathing. Inha Information) car nausea). If skin overexpo- e in eyes may cau rate irritation to e dizziness, headaco espiratory System dermatitis, other	to skin in son product may l oms of overe lation of vap o cause cent osure in indi use redness, eyes and skin thes and naus m. skin conditio	ne sensiti be slightl exposure fors exce tral nerve itching ar near aff sea.	ve indi y irrita can ir eding bus sy may in ad wate ected a	viduals ting to nclude the le stem nclude ering. areas.	s, espe the n cough vels li depres redn Addit	ecially a ose, th ning, v sted in ssion ess, if ionally HEAL FLAM PHYS	after pr nroat a vheezin Sect (e.g., o ching, , high o TH MAB ICAL ECTI	rolonge and oth ng, na ion 3 drowsi and concer	ed and her tis sal co (Comp iness, irritation	l/or rep sues c ngestio position dizzing on of ns of v	eated of of the r on, and ess, ho affecto	contact. respiratory d difficulty Ingredient eadaches, ed areas. can cause 2 3
4.4 4.5 4.6	Acute Health Effects: Chronic Health Effects: Target Organs: Medical Conditions	Skin: Inhalation: Symptoms of Overexposure Mild to mode drowsiness, of None known. Eyes, Skin, R Pre-existing of	May be irritating Vapors of this p system. Sympti- breathing. Inha Information) car nausea). If skin overexpo- e in eyes may car rate irritation to e dizziness, headacd espiratory System dermatitis, other (eyes, skin, and b	to skin in son product may l oms of overe lation of vap a cause cent osure in indi <u>use redness,</u> ayes and skin thes and naus <u>m.</u> skin conditio respiratory sy	ne sensiti be slightl exposure fors exce tral nerve itching ar near affe sea.	ve indi y irrita can ir eeding bus sy may ind wate ected a disorde	viduals ting to nclude the le stem nclude ering. areas. ers of	s, espe the n cough vels li depres redn Addit	ecially a ose, the ning, v sted in ssion ess, it ionally HEAL FLAM PHYS PROT	after pr nroat a vheezin Sect (e.g., o ching, , high o TH MAB ICAL ECTI	Concernation of the second sec	ed and her tis isal co (Comp iness, irritation ntration	l/or rep sues c ngestio position dizzing on of ns of v	eated of of the r on, and ess, ho affecto	contact. respiratory d difficulty Ingredient eadaches, ed areas. can cause 2 3 0
4.4 4.5 4.6	Acute Health Effects: Chronic Health Effects: Target Organs: Medical Conditions	Skin: Inhalation: Symptoms of Overexposure Mild to mode drowsiness, of None known. Eyes, Skin, R Pre-existing of	May be irritating Vapors of this p system. Sympti- breathing. Inha Information) car nausea). If skin overexpo- e in eyes may car rate irritation to e dizziness, headacd espiratory System dermatitis, other (eyes, skin, and b	to skin in son product may l oms of overe lation of vap o cause cent osure in indi use redness, eyes and skin thes and naus m. skin conditio	ne sensiti be slightl exposure fors exce tral nerve itching ar near affe sea.	ve indi y irrita can ir eeding bus sy may ind wate ected a disorde	viduals ting to nclude the le stem nclude ering. areas. ers of	s, espe the n cough vels li depres redn Addit	ecially a ose, the ning, v sted in ssion ess, it ionally HEAL FLAM PHYS PROT	after pr nroat a vheezin Sect (e.g., o ching, , high o TH MAB ICAL ECTI	Concernation of the second sec	ed and her tis isal co (Comp iness, irritation ntration	l/or rep sues c ngestio position dizzing on of ns of v	eated of of the r on, and ess, ho affecto	contact. respiratory d difficulty Ingredient eadaches, ed areas. can cause 2 3 0
4.4 4.5 4.6	Acute Health Effects: Chronic Health Effects: Target Organs: Medical Conditions	Skin: Inhalation: Symptoms of Overexposure Mild to mode drowsiness, of None known. Eyes, Skin, R Pre-existing of target organs	May be irritating Vapors of this p system. Sympti- breathing. Inha Information) car nausea). If skin overexpo- e in eyes may car rate irritation to e dizziness, headacd espiratory System dermatitis, other (eyes, skin, and b	to skin in son product may booms of overe- lation of vap a cause cent psure in indi- use redness, eyes and skin shes and naus m. skin conditio respiratory sy EFIGHTI ABLE LIQUII	ne sensiti be slightl exposure fors exce tral nerve ividuals itching ar near affe sea. ons, and rstem).	ve indi y irrita can ir eding bus sy may in d wate ected a disorde	viduals ting to nclude the le stem nclude ering. areas. ers of	s, espe the n cough vels li depres redn Addit the	HEAL FLAM PHYS	TH	ILITY	ed and her tis isal co (Comp iness, irritation ntration	Vor rep sues c ngestic position dizzind on of ms of v	eated of of the r on, and ess, ho affecto	contact. respiratory d difficulty Ingredien eadaches ed areas can cause 2 3 0
4.4 4.5 4.6 4.7 5.1	Acute Health Effects:         Chronic Health Effects:         Target Organs:         Medical Conditions Aggravated by Exposure:         Fire & Explosion Hazards:         Extinguishing Methods:	Skin: Inhalation: Symptoms of Overexposure Mild to mode drowsiness, of None known. Eyes, Skin, R Pre-existing of target organs	May be irritating Vapors of this p system. Sympti- breathing. Inha Information) car nausea). If skin overexpo- e in eyes may car rate irritation to e dizziness, headac despiratory System dermatitis, other (eyes, skin, and <b>5. FIR</b> <b>IGHLY FLAMM</b> n flame. Keep co f permitted), Dry	to skin in som product may b oms of overe lation of vap a cause cent psure in indi- use redness, eyes and skin shes and naus m. skin conditio respiratory sy <b>EFIGHTI</b> ABLE LIQUII ontainer close Chemical, Fo	ne sensiti be slightl exposure fors exce tral nerve ividuals itching ar near affe sea. ons, and rstem).	ve indi y irrita can ir eeding bus sy may in ad wate ected a disorde EAS APOR	viduals ting to nclude the le stem nclude ering. areas. ers of URE	s, espected the new cough vels his depressively redn Addit the SS app aways	HEAL FLAM PHYS PROT Ay fron	TH ICAL ECTI n heat,	ILITY HAZ	ed and her tis isal co (Comp iness, irritation ntration ARDS QUIPN	Vor rep sues c ngestic position dizzind on of ns of v MENT	eated of of the r on, and ess, ho affecto	contact. respiratory d difficulty Ingredient eadaches, ed areas. can cause 2 3 0
4.4 4.5 4.6 4.7	Acute Health Effects:         Chronic Health Effects:         Target Organs:         Medical Conditions         Aggravated by Exposure:	Skin: Inhalation: Symptoms of Overexposure Mild to mode drowsiness, of None known. Eyes, Skin, R Pre-existing of target organs DANGER! H sparks & oper CO <sub>2</sub> , Halon (if This product i and decomponents travel to a source	May be irritating Vapors of this p system. Sympti- breathing. Inha Information) car nausea). If skin overexpo- e in eyes may car rate irritation to e dizziness, headaco espiratory System dermatitis, other (eyes, skin, and <b>5. FIR</b> <b>IIGHLY FLAMM</b> n flame. Keep co f permitted), Dry s a Class IB flam se to produce ca urce of ignition an	to skin in som product may h oms of overe lation of vap n cause cent use redness, aves and skin thes and naus m. skin conditio respiratory sy <b>EFIGHTI</b> ABLE LIQUII ontainer close Chemical, Fo mable liquid. arbon oxides. Id flash back f	ne sensiti be slightl exposure fors exce tral nerve ividuals itching an near affe sea. Ins, and rstem). <b>NG M</b> D AND V d. am, as an Vapors to a leaki	ve indi y irrita can ir eeding bus sy may in ad wate ected a disorde disorde EAS APOR uthoriz nvolve of this	viduals ting to nclude the le stem nclude ering. areas. ers of URE !! Kee ed. d in a s prod pen co	s, espective in cough vels lidepreservels redn Addit the S ep awa	HEAL FLAM PHYS PROT ay from is proce the aver.	TH TH TH TH TH TH TH TH TH TH	ILITY HAZ	ed and her tis isal co (Comp iness, irritation ntration ARDS QUIPN garette garette e readi	Vor rep sues c ngestic position dizzind on of ns of v MENT	eated of of the r on, and ess, ho affecto	contact. respiratory d difficulty Ingredien eadaches ed areas can cause 2 3 0
4.4 4.5 4.6 4.7 5.1 5.2	Acute Health Effects:         Chronic Health Effects:         Target Organs:         Medical Conditions Aggravated by Exposure:         Fire & Explosion Hazards:         Extinguishing Methods:	Skin: Inhalation: Symptoms of Overexposure Mild to mode drowsiness, of None known. Eyes, Skin, R Pre-existing of target organs DANGER! H sparks & oper CO <sub>2</sub> , Halon (ii This product if and decompo travel to a sou First respond protective equ	May be irritating Vapors of this p system. Sympti- breathing. Inha Information) car nausea). If skin overexpo- e in eyes may car rate irritation to e dizziness, headac espiratory System dermatitis, other (eyes, skin, and the <b>5. FIR</b> <b>IIGHLY FLAMM</b> of flame. Keep co f permitted), Dry to s a Class IB flam ses to produce ca urce of ignition an ers should wear uipment. Use a tually extinguishi	to skin in son product may h oms of overe- lation of vap a cause cent osure in indi- use redness, ayes and skin thes and naus <u>m.</u> skin conditio respiratory sy <b>EFIGHTI</b> ABLE LIQUII Intainer close Chemical, Fo mable liquid. arbon oxides. Id flash back to eye protecti water spray	ne sensiti be slightl exposure ors exce tral nerve itching an near affe sea. ns, and stem). <b>NG M</b> D AND V d. am, as an When i Vapors to a leaki on. Stru or fog to	ve indi y irrita can ir eeding bus sy may ind wate ected a disorde disorde EAS APOR uthorize novolve of this ng or o	viduals ting to nclude the le stem nclude ering. areas. ers of URE !! Kee ed. d in a s prod pen co firefigi e or c	s, espective and a spectra spe	HEAL FLAM PHYS PROT ay from is proce e heav er. nust w	after protection of the protec	CBAs	ed and her tis isal co (Comp iness, irritation ntration ARDS QUIPN garette garette e readi and ma and fu	Vor rep sues c ngestio oositior dizzind on of ns of v MENT	eated of of the r on, and ess, ho affecto	contact. respiratory d difficulty Ingredient eadaches, ed areas. can cause 2 3 0



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		6. ACCIDEN	ITAL	REL	EASE	MEA	SURE	S			
6.1	Spills:	Before cleaning any spill or I Equipment. For <u>small spills</u> (e.g., < 1 ga	eak, ind	dividuals	s involve	d in spill	cleanup	must v	•		
		Maximize ventilation (open do absorbent material and place in local, state and federal regulat soap. Remove any contaminate	ors and nto appr ions. V ed cloth	d windo ropriate Vash all ing and	ws) and closed co affected wash tho	secure a ontainer(s areas a proughly b	all source s) for disp nd outsid pefore reu	es of ign oosal. D e of cor ise.	nition. Dispose ntainer v	Remove of prope with plen	spilled material with rly in accordance with ty of warm water and
		For <u>large spills</u> (e.g., ≥ 1 gallo material (e.g., sand or earth). It recovery or disposal and solid of promptly and wash affected ski and open bodies of water.	Jse ON liking m	LY non- aterial to	-sparking o separat	tools for e contain	recovery ers for pr	and cle oper dis	anup. 1 posal. I	Fransfer I Remove	iquid to containers for contaminated clothing
		7. HANDLING	2 8 9				ΜΛΤΙ				
7.1	Work & Hygiene Practices:	Avoid prolonged contact with th local exhaust ventilation, fans). smoke while handling product.	e produ	ict. Avo	id breath	ing vapor	s of this p	product.			
7.2	Storage & Handling:	Keep this material away from he closed tightly when not in us containers should be handled v sources, or sources of intense h	e. Emp with care	pty con e. Stor	tainer ma e contain	ay contai ers in a e	n residua cool, dry	al amou location	nts of t , away f	this prod from dire	uct; therefore, empty
7.3	Special Precautions:	Open containers slowly on a s contain residual amounts of this	table su	urface.	Keep co	ntainer ti	ghtly clos	sed whe	en not ir	n use. E	Empty containers may
		8. EXPOSURE CON	TRO	LS &	PERS	ONAL	- PRO	TEC	ΓΙΟΝ		
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	
		BUTYL ACETATE	150	200	150	200	NF	200	200	1700	100 NIOSH
		NITROCELLULOSE	400	400	400	200	NF	NA	NA	2000	400 TWA
		ETHANOL ETHYL ACETATE	1000 400	1900 400	1880	NF 400	NF NF	1000 NA	1900 NA	3300 2000	400 TWA
		HEPTANE	400	500	200 400	400 1640	NF	400	500	750	400 TWA
		DIBUTYL PHTHALATE	5	NA	5	NF	NF	400 N5	NA	NA	
		ISOPROPROPYL ALCOHOL	400	500	400	500	NF	400	500	2000	400 TWA
		FORMALDEHYDE	(0.3)	10	2	2.5	2	0.75	10	NE	SENSITIZER
8.2	Ventilation & Engineering Controls:	When working with large qua Ensure that an eyewash station	n, sink c	or washt	basin is a	vailable i	n case of	exposur	e to eye	es.	-
8.3	Respiratory Protection:	No special respiratory protection instances where vapors or sp needed, use only protection aut the Canadian CAS Standard member States, or Australia.	rays of horized	this pr by 29 C	oduct are CFR §191	e generat 0.134, ap	ted, and oplicable l	respirat J.S. Sta	ory prot te regula	tection is ations, of	S I
8.4	Eye Protection:	Wear protective eyewear (e.g., safety glasses with side-shield) at all times when handling this									
		product. Always use protectiv	e eyew	ear whe	en cleanii	ng spills					
8.5	Hand Protection:	product. Always use protectiv special hazard; soft lenses may <b>AVOID SKIN CONTACT DUE</b> repeated skin contact will occu industrial use. If necessary, re	e eyewe absorb TO SE r during fer to U	ear whe and con ENSITIZ use of	en cleanin ncentrate ING PO this prod	ng spills <u>irritants.</u> FENTIAL uct, wear	or leaks. If antic	Contact cipated to rubber of	that pro	s pose a longed 8 or routine	
8.5	Hand Protection: Body Protection:	product. Always use protectiv special hazard; soft lenses may AVOID SKIN CONTACT DUE repeated skin contact will occu	e eyewe absorb TO SE r during fer to U ates. E TO S rpical ci	ear whe and con ENSITIZ use of .S. OSH SENSIT	en cleanin ncentrate ING POT this prod IA 29 CF IZING P ances of	ng spills irritants. IENTIAL uct, wear R §1910. OTENTIA use and	or leaks. If antic latex or 138, the AL. How handling	Contact ipated t rubber g appropr wever, n . If ne	that prol ploves for iate star	s pose a longed & or routine ndards o	
		product. Always use protectiv special hazard; soft lenses may <b>AVOID SKIN CONTACT DUE</b> repeated skin contact will occu industrial use. If necessary, re Canada, of the E.C. member sta <b>AVOID SKIN CONTACT DU</b> protection is required under ty appropriate standards of Canad	e eyewe absorb TO SE r during fer to U ates. E TO S pical ci la, the E	ear whe and con <b>ENSITIZ</b> use of .S. OSH SENSIT SENSIT froumsta	en cleanin ncentrate ING POT this prod IA 29 CF IZING P ances of mber state	ng spills irritants. <b>FENTIAL</b> uct, wear R §1910. <b>OTENTIA</b> use and es, or U.S	or leaks. If antic latex or 138, the AL. How handling S. OSHA.	Contact cipated to rubber of appropr wever, no . If ne	that prol ploves for iate star	s pose a longed & or routine ndards o	
8.6	Body Protection:	product. Always use protectiv special hazard; soft lenses may AVOID SKIN CONTACT DUE repeated skin contact will occu industrial use. If necessary, re Canada, of the E.C. member stat AVOID SKIN CONTACT DU protection is required under ty appropriate standards of Canac 9. PHYSICAI	e eyewe absorb TO SE r during fer to U ates. E TO S pical ci la, the E	ear whe and con <b>ENSITIZ</b> use of .S. OSH SENSIT SENSIT froumsta	en cleanin ncentrate ING POT this prod IA 29 CF IZING P ances of mber state	ng spills irritants. <b>FENTIAL</b> uct, wear R §1910. <b>OTENTIA</b> use and es, or U.S	or leaks. If antic latex or 138, the AL. How handling S. OSHA.	Contact cipated to rubber of appropr wever, no . If ne	that prol ploves for iate star	s pose a longed & or routine ndards o	
		product. Always use protectiv special hazard; soft lenses may AVOID SKIN CONTACT DUE repeated skin contact will occu industrial use. If necessary, re Canada, of the E.C. member stat AVOID SKIN CONTACT DU protection is required under ty appropriate standards of Canac 9. PHYSICAI Viscous liquid	e eyewe absorb TO SE r during fer to U ates. E TO S pical ci la, the E	ear whe and con <b>ENSITIZ</b> use of .S. OSH SENSIT SENSIT froumsta	en cleanin ncentrate ING POT this prod IA 29 CF IZING P ances of mber state	ng spills irritants. <b>FENTIAL</b> uct, wear R §1910. <b>OTENTIA</b> use and es, or U.S	or leaks. If antic latex or 138, the AL. How handling S. OSHA.	Contact cipated to rubber of appropr wever, no . If ne	that prol ploves for iate star	s pose a longed & or routine ndards o	
9.1	Body Protection: Appearance:	product. Always use protectiv special hazard; soft lenses may AVOID SKIN CONTACT DUE repeated skin contact will occu industrial use. If necessary, re Canada, of the E.C. member stat AVOID SKIN CONTACT DU protection is required under ty appropriate standards of Canac 9. PHYSICAI	e eyewe absorb TO SE r during fer to U ates. E TO S pical ci la, the E	ear whe and con <b>ENSITIZ</b> use of .S. OSH SENSIT SENSIT froumsta	en cleanin ncentrate ING POT this prod IA 29 CF IZING P ances of mber state	ng spills irritants. <b>FENTIAL</b> uct, wear R §1910. <b>OTENTIA</b> use and es, or U.S	or leaks. If antic latex or 138, the AL. How handling S. OSHA.	Contact cipated to rubber of appropr wever, no . If ne	that prol ploves for iate star	s pose a longed & or routine ndards o	
8.6 9.1 9.2	Body Protection: Appearance: Odor:	product. Always use protectiv special hazard; soft lenses may AVOID SKIN CONTACT DUE repeated skin contact will occu industrial use. If necessary, re Canada, of the E.C. member sta AVOID SKIN CONTACT DU protection is required under ty appropriate standards of Canac 9. PHYSICAI Viscous liquid Ester (Fruity) odor	e eyewe absorb TO SE r during fer to U ates. E TO S pical ci la, the E	ear whe and con <b>ENSITIZ</b> use of .S. OSH SENSIT SENSIT froumsta	en cleanin ncentrate ING POT this prod IA 29 CF IZING P ances of mber state	ng spills irritants. <b>FENTIAL</b> uct, wear R §1910. <b>OTENTIA</b> use and es, or U.S	or leaks. If antic latex or 138, the AL. How handling S. OSHA.	Contact cipated to rubber of appropr wever, no . If ne	that prol ploves for iate star	s pose a longed & or routine ndards o	
8.6 9.1 9.2 9.3	Body Protection: Appearance: Odor: Odor Threshold:	product. Always use protectiv special hazard; soft lenses may AVOID SKIN CONTACT DUE repeated skin contact will occu industrial use. If necessary, re Canada, of the E.C. member sta AVOID SKIN CONTACT DU protection is required under ty appropriate standards of Canac 9. PHYSICAI Viscous liquid Ester (Fruity) odor NA	e eyewe absorb TO SE r during fer to U ates. E TO S pical ci la, the E	ear whe and con <b>ENSITIZ</b> use of .S. OSH SENSIT SENSIT froumsta	en cleanin ncentrate ING POT this prod IA 29 CF IZING P ances of mber state	ng spills irritants. <b>FENTIAL</b> uct, wear R §1910. <b>OTENTIA</b> use and es, or U.S	or leaks. If antic latex or 138, the AL. How handling S. OSHA.	Contact cipated to rubber of appropr wever, no . If ne	that prol ploves for iate star	s pose a longed & or routine ndards o	
8.6 9.1 9.2 9.3 9.4	Body Protection:         Appearance:         Odor:         Odor Threshold:         pH:         Melting Point/Freezing Point:         Initial Boiling Point/Boiling	product. Always use protectiv special hazard; soft lenses may AVOID SKIN CONTACT DUE repeated skin contact will occu industrial use. If necessary, re Canada, of the E.C. member sta AVOID SKIN CONTACT DUP protection is required under ty appropriate standards of Canace <b>9. PHYSICAI</b> Viscous liquid Ester (Fruity) odor NA NA NA	e eyewe absorb TO SE r during fer to U ates. E TO S pical ci la, the E	ear whe and con <b>ENSITIZ</b> use of .S. OSH SENSIT SENSIT froumsta	en cleanin ncentrate ING POT this prod IA 29 CF IZING P ances of mber state	ng spills irritants. <b>FENTIAL</b> uct, wear R §1910. <b>OTENTIA</b> use and es, or U.S	or leaks. If antic latex or 138, the AL. How handling S. OSHA.	Contact cipated to rubber of appropr wever, no . If ne	that prol ploves for iate star	s pose a longed & or routine ndards o	
8.6 9.1 9.2 9.3 9.4 9.5	Body Protection:         Appearance:         Odor:         Odor Threshold:         pH:         Melting Point/Freezing Point:	product. Always use protectiv special hazard; soft lenses may <b>AVOID SKIN CONTACT DUE</b> repeated skin contact will occu industrial use. If necessary, re Canada, of the E.C. member str <b>AVOID SKIN CONTACT DU</b> protection is required under ty appropriate standards of Canac <b>9. PHYSICAI</b> Viscous liquid Ester (Fruity) odor NA NA NA NA 77.2-337.8 °C (171-640 °F)	e eyewe absorb TO SE r during fer to U ates. E TO S pical ci la, the E	ear whe and con <b>ENSITIZ</b> use of .S. OSH SENSIT SENSIT froumsta	en cleanin ncentrate ING POT this prod IA 29 CF IZING P ances of mber state	ng spills irritants. <b>FENTIAL</b> uct, wear R §1910. <b>OTENTIA</b> use and es, or U.S	or leaks. If antic latex or 138, the AL. How handling S. OSHA.	Contact cipated to rubber of appropr wever, no . If ne	that prol ploves for iate star	s pose a longed & or routine ndards o	
8.6 9.1 9.2 9.3 9.4 9.5 9.6	Body Protection:         Appearance:         Odor:         Odor Threshold:         pH:         Melting Point/Freezing Point:         Initial Boiling Point/Boiling Range:	product. Always use protectiv special hazard; soft lenses may AVOID SKIN CONTACT DUE repeated skin contact will occu industrial use. If necessary, re Canada, of the E.C. member sta AVOID SKIN CONTACT DUP protection is required under ty appropriate standards of Canace <b>9. PHYSICAI</b> Viscous liquid Ester (Fruity) odor NA NA NA	e eyewe absorb TO SE r during fer to U ates. E TO S pical ci la, the E	ear whe and con <b>ENSITIZ</b> use of .S. OSH SENSIT SENSIT froumsta	en cleanin ncentrate ING POT this prod IA 29 CF IZING P ances of mber state	ng spills irritants. <b>FENTIAL</b> uct, wear R §1910. <b>OTENTIA</b> use and es, or U.S	or leaks. If antic latex or 138, the AL. How handling S. OSHA.	Contact cipated to rubber of appropr wever, no . If ne	that prol ploves for iate star	s pose a longed & or routine ndards o	



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		9. PHYSICAL & CHEMICAL PROPERTIES – cont'd
9.10	Vapor Density:	NA
9.11	Relative Density:	0.982
9.12	Solubility:	Insoluble
9.13	Partition Coefficient (log Pow):	NA
9.14	Autoignition Temperature:	NA
9.15	Decomposition Temperature:	NA
9.16	Viscosity:	> 1,200 cPs
9.17	Other Information:	NA
		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 irritating vapors and carbon oxide gases (e.g., CO, CO <sub>2</sub> ).
10.3	Hazardous Polymerization:	May occur, if exposed to extremely high temperatures.
10.4	Conditions to Avoid:	High temperatures, direct sunlight, sources of heat and incompatible materials.
10.5	Incompatible Substances:	This product is incompatible with strong oxidizers, (e.g., peroxides, superoxides), strong acids (e.g., hydrochloric or muriatic acids), nitrates, or strong bases (e.g., lye, potassium hydroxide).
	1	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, found in scientific literature, is available for some of the components of the product and is presented below: <u>Ethyl Acetate</u> : $LD_{50}$ (oral, rat) = 5,620 mg/kg; $LD_{50}$ (oral, mouse) = 4,100 mg/kg; $LC_{50}$ (inh-6h, rat) = 16,000 ppm; <u>Formaldehyde</u> : $LD_{50}$ (oral, rat) = 5,682 mg/kg; $LD_{50}$ (oral, mouse) = 7,300 mg/kg; $LC_{50}$ (inh-6h, rat) = 64,000 ppm/4h
11.3	Acute Toxicity:	See Section 4.4
11.4	Chronic Toxicity:	See Section 4.5
11.5	Suspected Carcinogen:	This product contains <u>Formaldehyde</u> which is listed ACGIH A2 – Suspected Human Carcinogen; NIOSH – occupational carcinogen; NTP – Suspected carcinogen; OSHA – Possible select carcinogen; California – Carcinogen initial date 01/01/1988. This product contains <u>Ethyl Acetate</u> and <u>Isopropyl Alcohol</u> , which are not carcinogenic to humans, but are listed as Group 3 carcinogens by the IARC.
11.6	Reproductive Toxicity:	This product is not reported to cause reproductive toxicity in humans. This material contains <u>Dibutyl Phthalate</u> , a substance that has caused reproductive problems and birth defects in laboratory animals. This material contains <u>Dibutyl Phthalate</u> , a substance that has caused DNA and other cell damage to human tissues in laboratory tests.
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.
	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.
11.7	Irritancy of Product:	See Section 4.3
11.8	Biological Exposure Indices:	NE
11.9	Physician Recommendations:	Treat symptomatically.
		12. ECOLOGICAL INFORMATION
12.1	Environmental Stability:	The components of this product will slowly degrade over time into a variety of organic compounds. Specific environmental data available for the components of this product are as follows:
		<ul> <li><u>Ethyl Acetate</u>: K<sub>oc</sub> = 0.73. Water solubility: 64,000 mg/l. Bioconcentration Factor = 4-14. Bioconcentration is no anticipated to be significant. This compound can be removed from contaminated environments from volatilization, and biodegradation. This compound's half-life in water is 6.1 hours.</li> <li><u>Butyl Acetate</u>: K<sub>oc</sub> = 1.82. Water solubility: 120 parts H<sub>2</sub>O at 25 °C (77 °F). Bioconcentration Factor = 4-14</li> </ul>
		Bioconcentration is not anticipated to be significant. This compound can be removed from contaminated environments from volatilization, and biodegradation. This compound's half-life in water is 6.1 hours. <u>Isopropyl Alcohol</u> : Log K <sub>OW</sub> = 0.05-0.14. Isopropyl alcohol occurs naturally; it is generated during microbial degradation of plant and animal wastes. When released on land or water, it is apt to volatilize and biodegrade. The estimated half
		life in water is 5.4 days. Isopropyl alcohol is not expected to bioconcentrate.
12.2	Effects on Plants & Animals:	There are no specific data available for this product.
12.3	Effects on Aquatic Life:	There are no specific data available for this product; however, very large releases of this product may be harmful or fata to overexposed aquatic life.
		13. DISPOSAL CONSIDERATIONS
13.1	Waste Disposal:	
13.1	Special Considerations:	Waste disposal must be in accordance with appropriate Federal, state, and local regulations.
10.2	epoola considerations.	U.S. EPA Waste Number: D001 (characteristic - ignitable)



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### **14. TRANSPORTATION INFORMATION**

14.1	49 CFR (GND):	UN1263, PAINT, 3, II, LTD QTY (IP VOL ≤ 1.0 L) or	
		CONSUMER COMMODITY, ORM-D – until 01/01/2021	
14.2	IATA (AIR):	ID8000, CONSUMER COMMODITY, 9 (IP VOL ≤ 0.5 L)	
		UN1263, PAINT, 3, II (IP VOL ≤ 1.0 L)	
14.3	IMDG (OCN):	UN1263, PAINT, 3, II, LTD QTY (IP VOL ≤ 1.0 L)	
			FLAMMABLE LIDUID
14.4	TDGR (Canadian GND):	UN1263, PAINT, 3, II, LTD QTY (IP VOL ≤ 1.0 L); or	3
		"LIMITED QUANTITY" or "QUANTITÉ LIMITÉE" or "LTD QTY" or "QUANT LTÉE" (≤ 1.0 L)	L L L
14.5	ADR/RID (EU):	UN1263, PAINT, 3, II, LTD QTY (IP VOL ≤ 1.0 L)	
			_ `
14.6	SCT (MEXICO):	UN1263, PINTURA, 3, II, CANTIDAD LIMITADA (IP VOL ≤ 1.0 L)	Θ
14.7	ADGR (AUS):		
		UN1263, PAINT, 3, II, LTD QTY (IP VOL ≤ 1.0 L)	

### **15. REGULATORY INFORMATION**

15.1	SARA Reporting Requirements:	This product contains <u>Toluene</u> , <u>Isopropanol</u> , <u>Formaldehyde</u> and <u>Dibutyl Phthalate</u> , substances subject to SARA Title III, Section 313 reporting requirements. This product contains <u>Ethyl Acetate</u> , a substance that is subject to SARA Title III, Section 304 reporting.
15.2	SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.
15.4	CERCLA Reportable Quantity (RQ):	Ethyl Acetate: 2,270 kg (5,000 lbs); Butyl Acetate: 2,270 kg (5,000 lbs); Formaldehyde: 45.4 kg (100 lbs).
15.5	Other Federal Requirements:	This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics). <u>Formaldehyde</u> and <u>Dibutyl Phthalate</u> are listed as a Hazardous Air Pollutant (HAP). This material does not contain any Class 1 Ozone depletors. This material does not contain any Class 2 Ozone depletors. <u>Formaldehyde</u> and <u>Dibutyl Phthalate</u> are listed as a Hazardous Substance under the CWA. <u>Dibutyl Phthalate</u> is listed as a Priority Pollutant under the Clean Water Act.
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the Safety Data Sheet contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS B2, D2B (Flammable Liquid, Other Toxic Effects)
15.7	State Regulatory Information:	Butyl Acetateis found on the following state criteria lists:California OSHA Hazardous Substances List (CA), DelawareAir Quality Management List (DE), Massachusetts Hazardous Substances List (MA), New Jersey Right-to-Know List(NJ), New York List of Hazardous Substances (NY), Pennsylvania Right-to-Know List (PA), Washington PermissibleExposures List for Air Contaminants (WA), and Wisconsin Hazardous Substances List (WI).Ethyl Acetate is found on the following state criteria lists: CA, DE, MA, MN, NJ, NY, PA, and WA.Isopropanolis found on the following state criteria lists: CA, MA, MN, NJ, PA, and WA.Nitrocellulose is found on the following state criteria lists: FL, MA, and PA.Formaldehydeis found on the following state criteria list: CA, FL, NJ, PA, MA, and MN.Dibutyl Phthalateis found on the following state criteria list: CA, NJ, PA, MA, and MN.No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria list: Delawaree SList (MI), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New JerseyRight-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), WashingtonPermissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).WARNING: This product contains Toluene a chemical known to the state of California to cause birth defects or otherreproductive harm. California No Significant Risk Level: NOEL = 700µg/day.WARNING: This product contains Dibutyl Phthalate, a chemical known to the state of California to cause birth defects orother reproductive harm. California No Significant Risk Level: None of the chemicals in this product are listed.

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		15. REGULATORY INFORMATION – cont'd
15.8	Other Requirements:	The primary components of this product are listed in Annex I of EU Directive 67/548/EEC: <u>Ethanol</u> : Flammable (F). <u>Risk Phrases</u> (R): 11 - Highly flammable. <u>Safety Phrases</u> (S): 2-7-16 - Keep out of reach of children. Keep container tightly closed. Keep away from sources of ignition – No smoking. <u>Ethyl Acetate</u> : Flammable (F). <u>Risk Phrases</u> (R): 11-36/37/38 – Highly flammable. Irritating to eyes, respiratory system and skin. <u>Safety Phrases</u> (S): 2-16-23-29-33 – Keep out of the reach of children. Keep away from sources of ignition - No smoking. Do not breathe gas, fumes, vapor or spray. Do not empty into drains. Take precautionary measures against static discharges. <u>Butyl Acetate</u> : Flammable (F). <u>Risk Phrases</u> (R): Flammable. <u>Safety Phrases</u> (S): 9-16-33 - Keep container in a well-ventilated place. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. <u>Isopropanol</u> : Flammable (F). <u>Risk Phrases</u> (R): 11-36/37 – Highly flammable. Irritating to eyes and respiratory system. <u>Safety Phrases</u> (S): 2-7-16-24/25/26 – Keep out of the reach of children. Keep container tightly closed. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
		Inmediately with plenty of water and seek medical advice.
		16. OTHER INFORMATION
16.1	Other Information:	DANGER! HIGHLY FLAMMABLE LIQUID AND VAPOR. MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE RESPIRATORY IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS. Keep away from heat/sparks/open flame/hot surfaces – No Smoking. Keep container tightly closed. Take precautionary measures against static discharge. Avoid breathing fume/mist/vapors/spray. Wash exposed skin areas thoroughly with soap and water after handling. Avoid eye contact. Wear protective gloves/eye protection/face protection. IF ON SKIN: Wash with soap and water. 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. Store in a well-ventilated place. Keep cool. Use only as directed. KEEP OUT OF REACH OF CHILDREN. WARNING: This product contains <u>Formaldehyde</u> and <u>Dibutyl Phthalate</u> , chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.
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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### **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:

Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood CPR 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:

Α					G				
В					н	0			
С					I	0			
D	B				J	0		Î	
Е					к	Î			
F	8				x	Consult special h	your sup andling	ervisor or directions	SOPs for
Sa	afety Glass	ses	Splash G	Goggles		ce Shield &		Glove	es
	Boots		Synthetic	c Apron		ctive Cloth	ing	Dust Res	Dirator
			6					2	

### **OTHER STANDARD ABBREVIATIONS:**

**Full Face Respirator** 

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

1

Full Face

Respirator

#### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

2

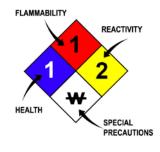
Dust & Vapor Half-

Mask Respirator

FLAMMABILI	TY 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
TREFOIL	Radioactive



#### TOXICOLOGICAL INFORMATION:

LD <sub>50</sub>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals				
	s				
LC 50	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	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:

$\bigcirc$	۲	٢		Ð	۲		R
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compress ed	Flammabl e	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

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

J.

Airline Hood/Mask

or SCBA

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с	E	F	Ν	0	т	Xi	Xn
Corrosive	Explosive	Flammabl e	Harmful	Oxidizing	Toxic	Irritant	Harmful

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

	$\langle \mathbf{x} \rangle$		$\Diamond$			$\diamondsuit$		
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment