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SAFETY DATA SHEET Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.1 1. PRODUCT & COMPANY IDENTIFICATION 1.1 Product Name: **OPI NAIL CLEANSER** 1.2 Chemical Name: Isopropyl Alcohol 1.3 Synonyms NA 1.4 Trade Names: XGS900B 1.5 Product Use: Professional or Sundry Use Only 1.6 Distributor's Name: OPI Products, Inc. 1.7 Distributor's Address: 13034 Saticoy Street, No. Hollywood, CA 91605 USA 1.8 Emergency Phone: CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300 (CCN 16377) 1.9 Business Phone / Fax: +1 (818) 759-2400 / +1 (818) 759-5776 2. HAZARDS IDENTIFICATION 2.1 Hazard Identification: This product is classified as a hazardous substance and as dangerous goods according to the classification criteria of NOHSC: 1008 (2004) and ADG Code (Australia). DANGER! HIGHLY FLAMMABLE LIQUID AND VAPOR. MAY CAUSE AN ALLERGIC SKIN **REACTION. CAUSES EYE IRRITATION.** Classification: Flam. Liq. 2; Eye Irrit. 2B; STOT SE 3 Hazard Statements (H): H225 - Highly flammable liquid and vapor. H319 - Causes serious eye irritation. H336 - May cause drowsiness or dizziness. Precautionary Statements (P): P210 - Keep away from heat/sparks/open flame/hot surfaces - No Smoking. P233 - Keep container tightly closed. P243 - Take precautionary measures against static discharge. P261 - Avoid breathing fume/mist/vapors/spray. P264 - Wash exposed skin areas thoroughly with soap and water after handling. P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective gloves/eye protection/face protection. P302+P352 - IF ON SKIN: Wash with soap and water. P305+P351+P338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do continue rinsing. P333+P313 - If skin irritation or a rash occurs - Get medical advice/attention. P321 - For specific first aid treatment (See Section 4 of this Safety Data Sheet). P363 - Wash contaminated clothing before reuse. P370+P378 - In case of fire, CO₂, Halon (if permitted), dry chemical, or foam for extinction. P403+P235 - Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container to a licensed treatment, storage or disposal facility (TSDF). 3. COMPOSITION & INGREDIENT INFORMATION EXPOSURE LIMITS IN AIR (mg/m³) ACGIH NOHSC ppm ppm

FS-TLV STEL STEL CHEMICAL NAME(S) CAS No RTECS No. EINECS No PEAK PEL IDLH OTHER % TWA STEL 67-63-0 TR4955000 200-661-7 60-100 400 500 400 500 NF 400 500 2000 400 TWA ISOPROPROPYL ALCOHOL Flam. Lig. 2; Skin Irrit. 3; Eve Irrit. 2A; STOT SE 3; H225, H316, H319 4. FIRST AID MEASURES 41 First Aid: If ingested, do not induce vomiting! If product has been swallowed, drink plenty of water or milk Ingestion: IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give water or milk to an unconscious person. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed If product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. Open Eyes: and close eyelid(s) to ensure thorough irrigation. Seek immediate medical attention. If problem persists, seek immediate medical attention. If irritation occurs & product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough Skin: washing of the affected area with plenty of soap and water. Remove all contaminated clothing, including footwear and wash thoroughly before reuse. If irritation, redness or swelling persists, consult a physician immediately. Inhalation: Remove victim to fresh air at once. If breathing stops, perform artificial respiration. Seek immediate medical attention.

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OSHA

ppm

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			4. FIRST AID MEASURES – cont								
4.2	Effects of Exposure:		product is swallowed, may cause nausea, vomiti epression.	ng and/or (diarrhea and	l central	nervous	s syster			
		Eyes: The liquid may produce eye discomfort and is capable of causing temporary impairment of vision and/or transient eye inflammation, ulceration. The vapor is discomforting to the eye. Splashes may cause severe									
			ye irritation, possible corneal burns and eye damage		ly irritating to	o the eye	es. Sym	ptoms of			
			verexposure may include redness, itching, irritation and		oduct con co		raio ekin	roaction			
		(e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure.									
		Inhalation: V	apors of this product may be moderately irritating to t	he nose, thr	oat and othe	r tissues	of the re	espirator			
		system. Symptoms of overexposure can include coughing, wheezing, nasal congestion, and difficult breathing. Inhalation of concentrated vapors can cause central nervous system depression (e.g. drowsiness, dizziness, headaches, nausea). Odor may give some warning of exposure, but odor fatigue may occur.									
4.3	Symptoms of Overexposure:	Symptoms of s may cause redr	kin overexposure may include redness, itching, and ness, itching and watering. The product can cause all								
4.4	Acute Health Effects:		l or repeated exposure.	and all a shirts to be the							
		drowsiness, diz	tion to eyes and skin near affected areas. Additi ziness, headaches and nausea.				-				
4.5	Chronic Health Effects:	this product, ma	ay accentuate any pre-existing dermatitis condition. M ay be a mild allergen to some sensitive individuals.	lethylparabe	n contained i	n very sr	nall amo	unts in			
4.6 4.7	Target Organs:	Eyes, Skin, Res	spiratory System. matitis, other skin conditions, and disorders of the								
4.7	Medical Conditions Aggravated by Exposure:		eyes, skin, and respiratory system).	HEALTH FLAMM				2 3			
						DS		0			
				PHYSICAL HAZARDS PROTECTIVE EQUIPMENT				B			
				EYES	SKIN	IPWEN	I	В			
				EIES	SKIN						
			5. FIREFIGHTING MEASURES								
5.1	Fire & Explosion Hazards:		5. FIREFIGHTING MEASURES BHLY FLAMMABLE LIQUID AND VAPOR! Keep a	away from h	eat, lit cigare	ettes,					
		sparks & open f	GHLY FLAMMABLE LIQUID AND VAPOR! Keep a flame. Keep container closed.	away from h	eat, lit cigare	ettes,					
5.2	Fire & Explosion Hazards: Extinguishing Methods: Firefighting Procedures:	sparks & open f CO ₂ , Halon (if p	GHLY FLAMMABLE LIQUID AND VAPOR! Keep a flame. Keep container closed. permitted), Dry Chemical, Foam, as authorized.	-	-						
5.2	Extinguishing Methods:	sparks & open f CO ₂ , Halon (if p This product is	GHLY FLAMMABLE LIQUID AND VAPOR! Keep a flame. Keep container closed.	this product	t will ignite re	adily					
5.2	Extinguishing Methods:	sparks & open f CO ₂ , Halon (if p This product is and decompose travel to a source	GHLY FLAMMABLE LIQUID AND VAPOR! Keep a flame. Keep container closed. permitted), Dry Chemical, Foam, as authorized. a Class IB flammable liquid. When involved in a fire, to produce carbon oxides. Vapors of this product ce of ignition and flash back to a leaking or open conta	this product are heavier iner.	t will ignite re than air and	adily may	2	0			
5.2	Extinguishing Methods:	sparks & open f CO ₂ , Halon (if p This product is and decompose travel to a source First responder	GHLY FLAMMABLE LIQUID AND VAPOR! Keep a flame. Keep container closed. Dermitted), Dry Chemical, Foam, as authorized. a Class IB flammable liquid. When involved in a fire, e to produce carbon oxides. Vapors of this product ce of ignition and flash back to a leaking or open conta s should wear eye protection. Structural firefighters	this product are heavier iner. s must wea	t will ignite re than air and r SCBAs and	adily may d full	2	0			
5.2	Extinguishing Methods:	sparks & open f CO ₂ , Halon (if <u>g</u> This product is and decompose travel to a source First responder protective equip	GHLY FLAMMABLE LIQUID AND VAPOR! Keep a flame. Keep container closed. Dermitted), Dry Chemical, Foam, as authorized. a Class IB flammable liquid. When involved in a fire, e to produce carbon oxides. Vapors of this product ce of ignition and flash back to a leaking or open conta rs should wear eye protection. Structural firefighters oment. Use a water spray or fog to reduce or direct	this product are heavier iner. s must wea	t will ignite re than air and r SCBAs and	adily may d full	2	0			
5.2	Extinguishing Methods:	sparks & open f CO ₂ , Halon (if <u>p</u> This product is and decompose travel to a source First responder protective equip effective in actu	GHLY FLAMMABLE LIQUID AND VAPOR! Keep a flame. Keep container closed. Dermitted), Dry Chemical, Foam, as authorized. a Class IB flammable liquid. When involved in a fire, e to produce carbon oxides. Vapors of this product ce of ignition and flash back to a leaking or open conta rs should wear eye protection. Structural firefighters oment. Use a water spray or fog to reduce or direct ally extinguishing a fire involving this product.	this product are heavier iner. s must wea	t will ignite re than air and r SCBAs and	adily may d full	2	0			
5.2	Extinguishing Methods:	sparks & open f CO ₂ , Halon (if p This product is and decompose travel to a source First responder protective equip effective in actu HazChem Code	GHLY FLAMMABLE LIQUID AND VAPOR! Keep a flame. Keep container closed. Dermitted), Dry Chemical, Foam, as authorized. a Class IB flammable liquid. When involved in a fire, e to produce carbon oxides. Vapors of this product ce of ignition and flash back to a leaking or open conta s should wear eye protection. Structural firefighters oment. Use a water spray or fog to reduce or direct ally extinguishing a fire involving this product. <u>a</u> : 3(Y)E	this product are heavier iner. s must wea	t will ignite re than air and r SCBAs and	adily may d full	2	0			
5.2	Extinguishing Methods:	sparks & open f CO ₂ , Halon (if <u>g</u> This product is and decompose travel to a source First responder protective equip effective in actu HazChem Code Hazard Identifice	GHLY FLAMMABLE LIQUID AND VAPOR! Keep a flame. Keep container closed. Dermitted), Dry Chemical, Foam, as authorized. a Class IB flammable liquid. When involved in a fire, e to produce carbon oxides. Vapors of this product ce of ignition and flash back to a leaking or open conta rs should wear eye protection. Structural firefighters oment. Use a water spray or fog to reduce or direct ally extinguishing a fire involving this product. <u>a</u> : 3(Y)E <u>sation Number</u> : 33	this product are heavier iner. s must wea t vapors. V	t will ignite re than air and r SCBAs and	adily may d full	2	0			
5.2	Extinguishing Methods:	sparks & open f CO ₂ , Halon (if <u>g</u> This product is and decompose travel to a source First responder protective equip effective in actu HazChem Code Hazard Identifice	GHLY FLAMMABLE LIQUID AND VAPOR! Keep a flame. Keep container closed. Dermitted), Dry Chemical, Foam, as authorized. a Class IB flammable liquid. When involved in a fire, e to produce carbon oxides. Vapors of this product ce of ignition and flash back to a leaking or open conta s should wear eye protection. Structural firefighters oment. Use a water spray or fog to reduce or direct ally extinguishing a fire involving this product. <u>a</u> : 3(Y)E	this product are heavier iner. s must wea t vapors. V	t will ignite re than air and r SCBAs and	adily may d full	2	0			
5.2	Extinguishing Methods:	sparks & open f CO ₂ , Halon (if p This product is and decompose travel to a source First responder protective equip effective in actu <u>HazChem Code</u> <u>Hazard Identifice</u> 6.	GHLY FLAMMABLE LIQUID AND VAPOR! Keep a flame. Keep container closed. Dermitted), Dry Chemical, Foam, as authorized. a Class IB flammable liquid. When involved in a fire, e to produce carbon oxides. Vapors of this product ce of ignition and flash back to a leaking or open conta rs should wear eye protection. Structural firefighters oment. Use a water spray or fog to reduce or direct ally extinguishing a fire involving this product. <u>a</u> : 3(Y)E <u>sation Number</u> : 33	this product are heavier iner. s must wea t vapors. V	t will ignite re than air and r SCBAs and Vater may no	adily may d full ot be	2 2 ersonal F	0 Protecti			
5.2	Extinguishing Methods: Firefighting Procedures:	sparks & open f CO ₂ , Halon (if p This product is and decompose travel to a source First responder protective equip effective in actu <u>HazChem Code</u> <u>Hazard Identifice</u> 6. Before cleaning Equipment. For <u>small spills</u> Maximize venti	GHLY FLAMMABLE LIQUID AND VAPOR! Keep a itame. Keep container closed. bermitted), Dry Chemical, Foam, as authorized. a a Class IB flammable liquid. When involved in a fire, to produce carbon oxides. Vapors of this product ce of ignition and flash back to a leaking or open contains should wear eye protection. s should wear eye protection. Structural firefighters poment. Use a water spray or fog to reduce or direct azion Number: 33 ACCIDENTAL RELEASE MEASU g any spill or leak, individuals involved in spill cles a (e.g., < 1 gallon (3.8 L)) wear appropriate personal structure and windows) and secure all so	this product are heavier iner. s must weak t vapors. V RES anup must onal protectio	t will ignite re than air and r SCBAs and Vater may no vater approp wear approp ye equipmer gnition. Ren	adily may d full ot be priate Pe	goggles, lled mat	glove erial w			
5.2	Extinguishing Methods: Firefighting Procedures:	sparks & open f CO ₂ , Halon (if <u>g</u> This product is and decompose travel to a source First responder protective equip effective in actu <u>HazChem Code</u> <u>Hazard Identifice</u> 6. Before cleaning Equipment. For <u>small spills</u> Maximize venti absorbent mate local, state and soap. Remove	GHLY FLAMMABLE LIQUID AND VAPOR! Keep a itame. Keep container closed. permitted), Dry Chemical, Foam, as authorized. a a Class IB flammable liquid. When involved in a fire, e to produce carbon oxides. Vapors of this product ce of ignition and flash back to a leaking or open contains should wear eye protection. s should wear eye protection. Structural firefighters poment. Use a water spray or fog to reduce or direct ally extinguishing a fire involving this product. a: 3(Y)E ation Number: 33 ACCIDENTAL RELEASE MEASU g any spill or leak, individuals involved in spill cleate a (e.g., < 1 gallon (3.8 L)) wear appropriate person	this product are heavier iner. s must wea t vapors. V RES anup must onal protection ources of ig r disposal. I utside of co e reuse.	t will ignite re than air and r SCBAs and Vater may no Vater may no vear approp wear approp ve equipmer gnition. Ren Dispose of p ntainer with	adily may d full ot be oriate Pe nt (e.g., nove spi roperly ir plenty of	goggles, lled mat n accorda f warm v	glove erial w ance w vater a			



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		7. HANDLING	& S	TOR	AGE II	NFOR	MATIC	ON			
7.1	Work & Hygiene Practices:	Avoid prolonged contact with the product. Avoid breathing vapors of this product. Use in a well-ventilated location (e.g., 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. EXPOSURE CONT	rol	_S &	PERS	ONAL	- PRO	ТЕСТ	ION		
8.1	Exposure Limits:		AC	GIH		NOHSC	1		OSHA		OTHER
	ppm (mg/m ³)	CHEMICAL NAME(S)	TLV	STEL	ES- TWA	ES- STEL	ES- PEAK	PEL	STEL	IDLH	
		ISOPROPYL ALCOHOL	400	500	400	500	NF	400	500	2000	400 TWA
8.2	Ventilation & Engineering Controls:	When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure									

	Controls: that an eyewash station, sink or washbasin is available in case of exposure to eyes.							
8.3	Respiratory Protection:	No special respiratory protection is required under typical circumstances of use or handling. In instances where vapors or sprays of this product are generated, and respiratory protection is needed, use only protection authorized by 29 CFR §1910.134, applicable U.S. State regulations, or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or Australia.						
8.4	Eye Protection:	Wear protective eyewear (e.g., safety glasses with side-shield) at all times when handling this product. Always use protective eyewear when cleaning spills or leaks. Contact lenses pose a special hazard; soft lenses may absorb and concentrate irritants.						
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:	However, 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

earance: r: r Threshold: r IBoiling Point/Freezing Point: IBoiling Point/Boiling ge: hpoint: r/Lower Flammability IS: or Pressure: or Density:	Clear liquid Medicinal alcoholic odor NA NA NA 181 °F 11°C (53°F), TCC LEL: 2.0%; UEL: 12.7%
r Threshold: ing Point/Freezing Point: I Boiling Point/Boiling ge: hpoint: er/Lower Flammability ts: or Pressure:	NA NA NA 181 °F 11°C (53°F), TCC LEL: 2.0%; UEL: 12.7%
ing Point/Freezing Point: I Boiling Point/Boiling ge: hpoint: er/Lower Flammability ts: or Pressure:	NA NA 181 °F 11°C (53°F), TCC LEL: 2.0%; UEL: 12.7%
I Boiling Point/Boiling ge: hpoint: er/Lower Flammability ts: or Pressure:	NA 181 °F 11°C (53°F), TCC LEL: 2.0%; UEL: 12.7%
I Boiling Point/Boiling ge: hpoint: er/Lower Flammability ts: or Pressure:	181 °F 11°C (53°F), TCC LEL: 2.0%; UEL: 12.7%
ge: hpoint: er/Lower Flammability is: or Pressure:	11°C (53°F), TCC LEL: 2.0%; UEL: 12.7%
er/Lower Flammability ts: or Pressure:	LEL: 2.0%; UEL: 12.7%
ts: or Pressure:	
or Density:	NA
	NA
tive Density:	NA
bility:	Soluble
ition Coefficient (log Pow):	NA
ignition Temperature:	852°F
omposition Temperature:	NA
osity:	< 500 cPs
er Information:	Evaporation Rate < 1.0 (n-BuAc = 1.0)
	10. STABILITY & REACTIVITY
ility:	Relatively stable under ambient conditions when stored properly.
ardous Decomposition lucts:	If exposed to <u>extremely high temperatures</u> , products of thermal decomposition may include irritating vapors and toxic gases (e.g., oxides of carbon & nitrogen).
ardous Polymerization:	Will not occur.
ditions to Avoid:	Exposure or contact to extreme temperatures, incompatible chemicals, strong light sources, sparks, flame.
mpatible Substances:	Strong oxidizers, peroxides or strong acids.
oig on os er oilit are lue are	Inition Temperature: Inposition Temperature: Information: Information: ty: dous Decomposition cts: dous Polymerization: tions to Avoid:



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		11. T	OXICOLOG			J	
11.1	Routes of Entry:	Inhalation:	YES	Absorption:	YES		estion: YES
11.2	Toxicity Data:	This product has NOT to of the product, which are					data for the components
11.3	Acute Toxicity:	See Section 4.4					
11.4	Chronic Toxicity:	See Section 4.5					
11.5	Suspected Carcinogen:	Isopropanol is listed as	IARC Group 3 (No	t classifiable as to its	s carcinoge	nicity to humans).	
11.6	Reproductive Toxicity:	This product is not repo	rted to cause repro	ductive toxicity in hu	umans.	•	
	Mutagenicity:	This product is not repo	rted to produce mu	Itagenic effects in hu	imans.		
	Embryotoxicity:	This product is not repo	rted to produce em	hbryotoxic effects in l	humans.		
	Teratogenicity:	This product is not repo	rted to cause terate	ogenic effects in hun	nans.		
	Reproductive Toxicity:	This product is not repo	rted to cause repro	ductive effects in hu	imans.		
11.7	Irritancy of Product:	See Section 4.3	·				
11.8	Biological Exposure Indices:	NE					
11.9	Physician Recommendations:	Treat symptomatically.					
		12.	ECOLOGIC	AL INFORMA	ATION		
12.1	Environmental Stability:		ilable for the comp Kow = 0.05-0.14. I stes. When release	onents of this produc sopropyl alcohol occ ed on land or water,	ct are as fol curs natural it is apt to	lows: lly; it is generated durir volatilize and biodegra	compounds. Specific ng microbial degradation de. The estimated half-
12.2	Effects on Plants & Animals:	There are no specific da					
12.3	Effects on Aquatic Life:		ata available for thi		very large	releases of this produc	t may be harmful or fatal
				CONSIDERA			
13.1	Waste Disposal:	Waste disposal must be			al, state, ar	nd local regulations.	
13.2	Special Considerations:	U.S. EPA Waste Number	er: D001 (characte	ristic - ignitable)			
		14. TR	ANSPORTA	TION INFOR		N	
	be required by 49 CFR, IATA	proper shipping name, hazar /ICAO, IMDG and the CTDGF	λ.		for each mod	le of transportation. Additi	onal descriptive information
14.1	49 CFR (GND):	UN1219, ISOPROPANO CONSUMER COMMOD				<	�
14.2	IATA (AIR):	ID8000, CONSUMER C UN1219, ISOPROPANO	<i>,</i> , , ,	,		•	�� _{or} ⊕�
14.3	IMDG (OCN):	UN1219, ISOPROPANO		,		<	\diamond
14.4	TDGR (Canadian GND):	UN1219, ISOPROPANO "LIMITED QUANTITY" o			or "QUAN	T LTÉE" (≤ 1.0 L)	\diamond
14.5	ADR/RID (EU):	UN1219, ISOPROPANO				<	\diamond
14.6	SCT (MEXICO):	UN1219, ISOPROPANO	DL, 3, II, CANTIDA	D LIMITADA (IP VO	L ≤ 1.0 L)	<	\diamond



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		15. REGULATORY INFORMATION						
15.1	SARA Reporting Requirements:	This product contains Isopropyl Alcohol, a substance subject to SARA Title III, Section 313 reporting requirements.						
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):	NA						
15.5	Other Federal Requirements:	This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics).						
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS B2, D2B (Flammable, Other Toxic Effects).						
15.7	State Regulatory Information:	Isopropanol is listed on the following state criteria lists: Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), New Jersey Right-to-Know List (NJ), Pennsylvania Right-to-Know List (PA), and Washington Permissible Exposures List (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>Isopropanol:</u> Flammable, Irritant (F, Xi). <u>Risk Phrases</u> (R) 11-36-66-67 Highly flammable. Irritating to eyes. Vapors may cause drowsiness and dizziness. <u>Safety Phrases</u> (S) 2-9-16-26 Keep out of reach of children. Keep container in well-ventilated place. Keep away from sources of ignition. In case of contact with skin, wash immediately with plenty of water.						



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		16. OTHER INFORMATION					
16.1	16.1 Other Information: DANGER! HIGHLY FLAMMABLE LIQUID AND VAPOR. MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES EYE IRRITATION. 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. Wear protective gloves/eye protection/face protection. IF ON SKIN: Wash with soap and water. Avoid eye contact. 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. 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 componer 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		(EV)		
С					I				
D	B				J		(EV)	Î	
Е					К		(EV)		
F					X			pervisor o lling direct	
Sa	afety Glass	ses	Splash	Goggles		Shield & tive Eyew		Glov) es
	Boots		Syntheti	c Apron		tive Cloth	ing	Dust Res	pirator

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

Full Face

Respirator

Airline Hood/Mask

or SCBA

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

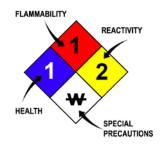
Dust & Vapor Half-

Mask Respirator

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

HAZARD RATINGS:

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



TOXICOLOGICAL INFORMATION:

LD ₅₀	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 _{Io}	Lowest dose to cause a symptom					
TCLo	Lowest concentration to cause a symptom					
TD _{Io} , LD _{Io} , & LD _o or	Lowest dose (or concentration) to cause lethal or toxic effects					
TC, TC _o , LC _{lo} , & LC _o						
IARC	International Agency for Research on Cancer					
NTP	National Toxicology Program					
RTECS	Registry of Toxic Effects of Chemical Substances					
BCF	Bioconcentration Factor					
TLm	Median threshold limit					
log Kow or log Koc	Coefficient of Oil/Water Distribution					

REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
тс	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NDSL	Canadian Non-Domestic Substance List
PSL	Canadian Priority Substances List
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)
WGK	Wassergefährdungsklassen (German Water Hazard Class)

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

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Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

EC (67/548/EEC) INFORMATION:

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с	E	F	Ν	0 Т		Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

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

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