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MATERIAL SAFETY DATA SHEET

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riep	ared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards MSDS Revision: 3.0 MSDS Revision Date: 04/15/2010						
	1. PRODUCT IDENTIFICATION						
1.1	Product Name: ACETONE FREE POLISH REMOVER						
1.2	Chemical Name: SOLVENT MIXTURE						
1.3	Synonyms: NA						
1.4	Trade Names: AL441, AL442, AL444, AL446, AL447, AL449						
1.5	Product Use: COSMETIC USE ONLY						
1.6	Manufacturer's Name: OPI PRODUCTS, INC.						
1.7	Manufacturer's Address: 13034 SATICOY STREET, NO. HOLLYWOOD, CA 91605 USA						
1.8	Emergency Phone: CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300						
1.9	Business Phone: +1 (818) 759-2400 / +1 (800)-341-9999						
	2. HAZARD IDENTIFICATION						
2.1	Hazard Identification: This product is classified as a hazardous substance and as dangerous goods according to the classification criteria of NOHSC:1088 (2004) and ADG Code (Australia). Flammable liquid.						
2.2	Routes of Entry: Inhalation: YES Absorption: YES Ingestion: YES						
2.3	Effects of Exposure:						
	INGESTION: If product is swallowed, may cause nausea, vomiting and/or diarrhea and central nervous system depression. SKIN & EYES: Irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation and watering. May be irritating to skin in some sensitive individuals, especially after prolonged and/or repeated contact.						
	INHALATION: Vapors of this product may be slightly irritating to the nose, throat and other tissues of the respiratory system. Symptoms of overexposure can include coughing, wheezing, nasal congestion, and difficulty breathing. Inhalation of vapors exceeding the levels listed in Section 2 (Composition and Ingredient Information) can cause central nervous system depression (e.g., drowsiness, dizziness, headaches, nausea).						
2.4	Symptoms of Overexposure: Symptoms of skin overexposure in individuals may include redness, itching, and irritation of affected areas. Overexposure in eyes may cause redness, itching and watering.						
2.5	· · · · · · · · · · · · · · · · · · ·						
2.6	Chronic Health Effects: None known.						
2.7	Target Organs:						
	Eyes, skin and respiratory system.						
	Not Available; ND = Not Determined; NE = Not Established; NF = Not Found; C = Ceiling Limit; See Section 16 for Additional Definitions of Terms Used all WHMIS required information is included. It is located in appropriate sections based on the ANSI 7400 1-2004 format						

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MATERIAL SAFETY DATA SHEET

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Prep	pared to OSHA,	ACC, ANSI, NC	DHSC, WHMIS	& 2001/58 EC S	standards	MSDS Re	vision:	3.0		VISDS R	evisior	<u>ו Date</u>	: 04/1	5/2010)
			3. COM	APOSITION	N & INGRE	DIENT	INFO	ORM	ATIO	N					
									EXPO	SURE LI	MITS IN	I AIR (mg/m	1 ³)	
							AC	GIH		NOHSC	<u> </u>		OSHA	L	
							ppm		ppm		ppm		OTHER		
	CHEMICAL NA	ME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	ES- TWA	ES- STEL	ES- PEAK	PEL	STEL	IDLH	
THY	L ACETATE	AME(3)	141-78-6	AH5425000	201-550-6	≤ 80.0	400	NA	720	1440	NF	400	NF	2000	
THY	L L LACTATE		97-64-3	OD5075000	202-598-0	≤ 20.0	NA	NA	NF	NF	NF	NA	NA	NA	
	BARBEDENSIS (A	ALOE VERA)	85507-69-3	NA	287-390-8	≤ 10.0	NA	NA	NF	NF	NF	NA	NA	NA	
VATE	ER .		7732-18-5	ZC0110000	231-191-2	≤ 5.0	NA	NA	NF	NF	NF	NA	NA	NA	
THY	LHEXYL METHOX	YCINNAMATE	5466-77-3	NA	226-775-7	≤ 1.0	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
RAG	RANCE (PARFU	۸)	NA	NA	NA	≤ 1.0	NA	NA	NF	NF	NF	NA	NA	NA	
ER/	ANIOL		106-24-1	RG5830000	203-377-1	≤ 1.0	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
ITRO	ONELLOL		106-22-9	RH340000	203-375-0	≤ 1.0	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGE
INA	LOOL		78-70-6	RG5775000	201-134-4	≤ 1.0	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGE
:1 26	100 (RED 17)		85-86-9	QK4250000	201-638-4	≤ 1.0	NA	NA	NF	NF	NF	NA	NA	NA	
				•		•								•	
				4. FII	RST AID M	EASU	RES								
4.1	First Aid: INGESTION:	patient is voi nearest Poiso	miting, contin on Control Ce	vomiting. If pue to offer wo nter or local e of the substance	iter or milk. I mergency nu	Never gi mber. F	ve wat Provide	er or r	nilk to	an un	consci	ious p	erson	. Con	tact the
EYES: Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water for minutes. If irritation occurs, contact a physician.				for at	least 1										
	SKIN:			luct is on the s nd water. If irrit											ng of the
	INHALATION:	Remove victi	m to fresh air	at once.											
4.2	Medical Condition None known.	s Aggravated by E	xposure:					Н	EALT	Ή				4	1
	None known.							F	LAM	MAB	ILITY			,	3
								R	EAC	TIVIT	Υ			(כ
								В	DOTE	CTIV	/E EG	/IIID	AAEN	IT.	
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MSDS-005

MSDS Revision Date: 04/15/2010 Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards MSDS Revision: 3.0 5. FIREFIGHTING MEASURES 5.1 Flashpoint & Method: -4 °C (24 °F) estimated. 5.2 Autoignition Temperature: NA Flammability Limits: Upper Explosive Limit (UEL): 5.3 Lower Explosive Limit (LEL): 2.2 11.0 5.4 Fire & Explosion Hazards: WARNING: Flammable! Keep away from heat, lit cigarettes, sparks & open flame. Keep container closed. Extinguishing Methods: HazChem Code: 3YE Hazard Identification Number: 33 CO₂, Halon, Dry Chemical, Foam Firefighting Procedures This product is a Class IB flammable liquid. When involved in a fire, this product will ignite readily and decompose to produce carbon oxides. Vapors of this product are heavier than air and may travel to a source of ignition and flash back to a leaking or open container. First responders should wear eye protection. Structural firefighters must wear SCBAs and full protective equipment. Use a water spray or fog to reduce or direct vapors. Water may not be effective in actually extinguishing a fire involving this product.

6. ACCIDENTAL RELEASE MEASURES

Spills: 6.1

Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment.

For small spills (e.g., <1 gallon) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows) and secure all sources of ignition. Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.

For spills ≥ 1 gallon, deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Use ONLY non-sparking tools for recovery and cleanup. Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

7. HANDLING & STORAGE INFORMATION

Avoid prolonged contact with the product. Avoid breathing vapors of this product. Use in a well-ventilated location (e.g., 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).

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.

MATERIAL SAFETY DATA SHEET

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Prer	ared to OSHA, ACC, ANSI.	NOHSC, WHMIS & 2001/58 EC Standards MSDS Revision: 3.0 MSDS Revision Date: 04/15/2010				
ПОР	area to com, (, , tee, , titol,	Websited 2007/00 20 standards Websited No. 10 Websited Metal Bate. 07/10/2010				
		8. EXPOSURE CONTROLS & PERSONAL PROTECTION				
8.1	Ventilation & Engineering Control					
	When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.					
3.2	Respiratory Protection:	· · · · · ·				
	No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia.					
1.3	Eye Protection:					
	-	of this product, splash or safety glasses may be worn. If necessary, refer to U.S. OSHA 29 CFR §1910.133 he European Standard EN166.				
3.4	Hand Protection:					
		nged & repeated skin contact will occur during use of this product, wear latex or rubber gloves for routin ry, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member states.				
3.5	Body Protection:					
	No special body protecti of Canada, the E.C. mem	ion is required under typical circumstances of use and handling. If necessary, refer to appropriate standard nber states, or U.S. OSHA.				
		9. PHYSICAL & CHEMICAL PROPERTIES				
.1	Density:	0.9170 to 0.9250				
.2	Boiling Point:	NA NA				
.3	Melting Point:	NA				
.4	Evaporation Rate:	NA NA				
9.5	Vapor Pressure:	NA NA				
0.6	Molecular Weight:	NE NE				
0.7	Appearance & Color:	Orange, translucent liquid with ester-like (fruity) odor				
0.8	Odor Threshold:	ND				
0.9	Solubility:	8.1% in water				
2.10	pH					
9.11	Viscosity:	NA NA				
	-	> 1200 cPs				
0.12	Other Information:	NA				
		10. STABILITY & REACTIVITY				
10.1	Stability:					
	Stable under ambient co	nditions when stored properly (see Section 7, Storage and Handling).				
0.2	Hazardous Decomposition Produc					
	gases (e.g., CO, CO ₂).	high temperatures, the products of thermal decomposition may include irritating vapors and carbon oxid				
0.3	Hazardous Polymerization:					
		extremely high temperatures.				
0.4	Conditions to Avoid:					
	strong bases (e.g., lye, po	ible with strong oxidizers (e.g., peroxides, superoxides), strong acids (e.g., hydrochloric or muriatic acids), o otassium hydroxide).				
10.5	Incompatible Substances:					
	None known.					

MATERIAL SAFETY DATA SHEET

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	11. TOXICOLOGICAL INFORMATION
11.1	Toxicity Data:
	This product has NOT been tested on animals to obtain toxicology data. There are toxicology data for the components of the product, which are found in scientific literature. These data have not been presented in this document.
11.2	Acute Toxicity:
	See Section 2.5
11.3	Chronic Toxicity:
	See Section 2.6
11.4	Suspected Carcinogen: NA
11.5	Reproductive Toxicity:
	This product is not reported to cause reproductive toxicity in humans.
	Mutagenicity:
	This product is not reported to produce mutagenic effects in humans.
	Embryotoxicity: This product is not reported to produce embryotoxic effects in humans
	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.
11.6	Irritancy of Product:
	See Section 2.3
11.7	Biological Exposure Indices:
	NE .
11.8	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 date available for the components of this product are as follows:
	<u>Ethyl Acetate</u> : K _{OC} = 0.73. Water solubility: 64,000 mg/l. Bioconcentration Factor = 4-14. Bioconcentration is not anticipated to b significant. This compound can be removed from contaminated environments from volatilization, and biodegradation. The compound's half-life in water is 6.1 hours.
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 fatal toverexposed aquatic life.
	13. DISPOSAL CONSIDERATIONS
13.1	Waste Disposal: Waste disposal must be in accordance with appropriate Federal, state, and local regulations.
13.2	Special Considerations:
	U.S. EPA WASTE NUMBER: D001 (characteristic - ignitable)

MATERIAL SAFETY DATA SHEET

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MSDS-005

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

MSDS Revision: 3.0

MSDS Revision Date: 04/15/2010

14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

EXCEPTED QUANTITY (49 CFR §173.4a) (≤ 30 ml) CONSUMER COMMODITY, ORM-D (≤ 1.0 L) UN1263, PAINT RELATED MATERIAL, 3, II (> 1.0 L) 14 2 EXCEPTED QUANTITY (AIR SHIPPER § 4.1.2) (≤ 30 ml) CONSUMER COMMODITY, 9, ID8000 (≤ 0.5 L)

UN1263, PAINT RELATED MATERIAL, 3, II (> 0.5 L)

IMDG (OCN) 14.3

EXCEPTED QUANTITY (2008 IMO § 3.5.1) (≤ 30 ml) UN1263, PAINT RELATED MATERIAL, 3, II, LTD QTY (≤ 1.0 L) UN1263, PAINT RELATED MATERIAL, 3, II (> 1.0 L)

14.4 TDGR (Canadian GND):

MARK PACKAGE "LIMITED QUANTITY" or "QUANTITÉ LIMITÉE" or "LTD QTY" or "QUANT LTÉE" (≤ 1.0 L) UN1263, PAINT RELATED MATERIAL, 3, II (> 1.0 L)

ADR/RID (FII) 14.5

UN1263, PAINT RELATED MATERIAL, 3, II, ADR

14.6

UN1263, PRODUCTOS PARA PINTURA, 3, II, CANTIDAD LIMITADA (≤ 1.0 L)

14.7 ADGR (AUS):

UN1263, PAINT, 3, II, LTD QTY (≤ 1.0 L)







15. REGULATORY INFORMATION

15.1 SARA Reporting Requirements:

SARA 304 (40 CFR Table 302.4) - Ethyl Acetate

SARA 311/312: Acute; Fire - Ethyl Lactate

15.2 SARA Threshold Planning Quantity:

There are no specific Threshold Planning Quantities for the components of this product.

15.3

The components of this product are listed on the TSCA Inventory.

15.4 CERCLA Reportable Quantity (RQ):

Ethyl Acetate: 5000 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).

Ethyl Acetate

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. Class B2 Flammable Liquid.



State Regulatory Information: 15.7

Ingredients in this mixture on found on the following state criteria lists:

California OSHA Hazardous Substances List **Ethyl Acetate**

Delaware Air Quality Management List Ethyl Acetate, Ethyl Lactate Massachusetts Hazardous Substances List **Ethyl Acetate**

Minnesota Hazardous Substances List **Ethyl Acetate New York List of Hazardous Substances Ethyl Acetate**

Pennsylvania Hazardous Substances List Ethyl Acetate, Ethyl Lactate Washington Permissible Exposure Limits for Air Contaminants **Ethyl Acetate**

67/548/EEC (European Union) Requirements:

Wisconsin Hazardous Substances List

The primary component of this product is not listed in Annex I of EU Directive 67/548/EEC:

Ethyl Acetate: Highly Flammable (F). R: 11-36/37/38 – Highly flammable. Irritating to eyes, respiratory system and skin. 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.



+1 (310) 360-5700 fax

http://www.shipmate.com/

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MSDS-005

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards MSDS Revision: 3.0 MSDS Revision Date: 04/15/2010 16. OTHER INFORMATION 16.1 Other Information: EXTREMELY FLAMMABLE! Keep away from heat or flame. Use only as directed. Avoid eye contact. If contact occurs, flush eye thoroughly with running water. Use only in a well-ventilated area. If redness or other signs of adverse reaction occur, discontinue use immediately. Keep container closed. Store in a cool place. KEEP OUT OF REACH OF CHILDREN. 16.2 Terms & Definitions: Please see last page of this MSDS. 16.3 This Material 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 Products' knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are 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. Prepared for: 16.4 OPI Products, Inc. 13034 Saticoy Street $O \cdot P \cdot I$ No. Hollywood, CA 91605 USA +1 (818) 759-2400 phone +1 (818) 759-5770 fax http://www.opi.com/ Prepared by: ShipMate, Inc. P.O. Box 787 Sisters, OR. 97759-0787 +1 (310) 360-3700 phone

Training & Consulting

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MATERIAL SAFETY DATA SHEET

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MSDS-005

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

MSDS Revision: 3.0

MSDS Revision Date: 04/15/2010

DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a MSDS. 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 Hygieni	
TLV Threshold Limit Value	
OSHA U.S. Occupational Safety and Health Administration	
PEL Permissible Exposure Limit	
IDLH Immediately Dangerous to Life and Health	

FIRST AID MEASURES:

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

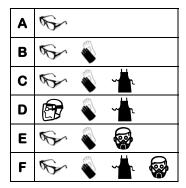
HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

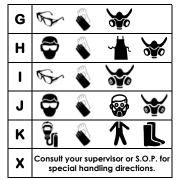
HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

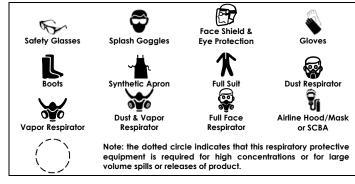
0	Minimal Hazard	
1	1 Slight Hazard	
2 Moderate Hazard		
3 Severe Hazard		
4 Extreme Hazard		



PERSONAL PROTECTION RATINGS:







OTHER STANDARD ABBREVIATIONS:

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

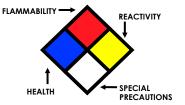
NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:

Autoignition	Minimum temperature required to initiate combustion
Temperature	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			
-₩ -	Use No Water			
ОХ	Oxidizer			



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 _{lo}	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
TC, TC _o , LC _{io} , & LC _o	toxic effects
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TLm	Median threshold limit
log Kow or log Koc	Coefficient of Oil/Water Distribution

REGULATORY INFORMATION:

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

EC INFORMATION:

T.		*	*		X	×	X
С	E	F	N	0	T+	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful