# **MATERIAL SAFETY DATA SHEET**

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MSDS-178

Prep	pared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standard	s M	SDS Revision: 2.1	MSDS	Revision Date	: 04/15/2010	
	1. PRODUCT IE	<b>ENTI</b>	FICATION				
1.1	Product Name:						
	EXPERT TOUCH LACQUER REMOVER						
1.2	Chemical Name:						
	ACETONE SOLUTION						
1.3	Synonyms:						
1.4	NA						
1.4	Trade Names: AL411, AL413, AL414, AL416, AL417, AL419						
1.5	Product Use:						
	COSMETIC USE ONLY						
1.6	Manufacturer's Name:						
1.7	OPI PRODUCTS, INC.  Manufacturer's Address:						
1.7	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 ID	ENTIF	ICATION				
2.1	Hazard Identification:						
	This product is classified as a hazardous substance and as dangerous goods according to the classification criteria of NOHSC:1088						
2.2	(2004) and ADG Code (Australia). Flammable liquid.  Routes of Entry: Unbalation: YFS		T T	V=0	1	\	
2.3	Routes of Entry: Inhalation: YES  Effects of Exposure:		Absorption:	YES	Ingestion:	YES	
2.3	INGESTION: If product is swallowed, may cause nausea, vomi	ina an	d/or diarrhea and	central nervo	us system der	ression	
	SKIN & EYES: Irritating to the eyes. Symptoms of overexposi	•	•				
	irritating to skin in some sensitive individuals, espe						
	INHALATION: Vapors of this product may be slightly irritatin						
	Symptoms of overexposure can include coughin						
	vapors exceeding the levels listed in Section 2 ( system depression (e.g., drowsiness, dizziness, he			ent intormatio	on) can cause	e central nervous	
2.4	Symptoms of Overexposure:		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
	Symptoms of skin overexposure in individuals may include red	ness, it	ching, and irritatio	n of affected	areas. Over	exposure in eyes	
	may cause redness, itching and watering. The product can	cause	allergic skin reac	ctions (e.g., r	ashes, welts,	dermatitis) upon	
2.5	prolonged or repeated exposure.  Acute Health Effects:						
2.5		Addi	tionally high cond	centrations of	vapors can c	ause drowsiness	
	Mild to moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches and nausea.						
2.6	Chronic Health Effects:						
	None known; however, ethylhexyl methoxy cinnamate contain	ed in v	ery small quantitie	es in this produ	uct, may be a	mild allergen to	
2.7	some sensitive individuals.						
2.7	Target Organs:  Eyes, skin and respiratory system.						
NA =	Not Available; ND = Not Determined; NE = Not Established; NF = Not Found	C = Ce	ilina Limit: See Section	n 16 for Addition	nal Definitions of	Terms Used	
	: all WHMIS required information is included. It is located in appropriate se		3				

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			3. COM	POSITION	I & INGRE	DIENI	INC	) K/V\			AAITC IA	L AID (	/	- 21	
							ACC	ZIH	H NOHSC OSHA					_	
							pp			ppm		ppm			OTHER
						%			ES-	ES-	ES-				
A C F T	CHEMICAL NAM	ME(S)	CAS No.	RTECS No.	EINECS No.	-	1800	STEL NA	TWA	STEL	PEAK	PEL 2400	STEL	1DLH 2500	10% LEL
ACET			67-64-1	AL3150000	200-662-2	≤ 90.0			1185	2375	NF		1	-	10% LEL
	A/WATER		7732-18-5	ZC0110000	231-191-2	≤ 10.0	NA	NA	NF	NF	NF	NA	NA	NA	
	YL SOYATE		68919-53-9	NA	272-898-4	≤ 2.0	NA	NA	NF	NF	NF	NA	NA	NA	
	HEXYL METHOXY	CINNAMAIE		NA	226-775-7	≤ 1.0	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
LIMO			5989-57-5	GW6360000	227-813-5	≤ 1.0	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
	RANCE (PARFUM)	*	NA	NA	NA	≤ 1.0	NA	NA	NF	NF	NF	NA	NA	NA	
	BARBEDENSIS (AI EXTRACT	LOE VERA)	85507-69-3	NA	287-390-8	≤ 1.0	NA	NA	NF	NF	NF	NA	NA	NA	
TOCC	PHERYL ACETATE		58-95-7	GP8280000	200-405-4	≤ 1.0	NA	NA	NF	NF	NF	NA	NA	NA	
VITIS	VINIFERA (GRAPE	) SEED OIL	84929-27-1	NA	284-511-6	≤ 1.0	NA	NA	NF	NF	NF	NA	NA	NA	
PROP	YLENE GLYCOL		57-55-6	TY200000	200-338-0	≤ 1.0	NA	NA	474	NF	NF	NA	NA	NA	
MACI (KELP	ROCYSTIS PYRIFER )	RA EXTRACT	NA	NA	NA	≤ 1.0	NA	NA	NF	NF	NF	NA	NA	NA	
ISOPR	OPYL PALMITATE		142-91-6	RT4900000	205-571-1	≤ 1.0	NA	NA	NF	NF	NF	NA	NA	NA	
CI 60	725 (VIOLET 2)		81-48-1	CB7700000	201-353-5	≤ 1.0	NA	NA	NF	NF	NF	NA	NA	NA	
				4. FIF	RST AID M	EASU	RES								
4.1	INGESTION: If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk 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.														
			not likely; how ritation occurs,			eyes, tlu	sn with	copio	us am	ounts (	of luke	warm	watei	r tor at	ieast 15
	SKIN: I	f irritation oc	curs and produ a with soap and	uct is on the sk	cin, rinse thore										ng of the
			im to fresh air a												
4.2	Medical Conditions	Aggravated by E	xposure:					Н	EALT	Н					1
	None known.										ILITY				<u>.                                    </u>
									EAC						<u> </u>
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### 5. FIREFIGHTING MEASURES

NA

5.1 Flashpoint & Method:

2.5 °C (36.5 °F), Closed Cup TAG

5.2 Autoignition Temperature:

Flammability Limits:

NA

5.3

5.4 Fire & Explosion Hazards:

Lower Explosive Limit (LEL):

WARNING: Flammable! Keep away from heat, lit cigarettes, sparks & open flame. Keep container closed.

Extinguishing Methods:

5.5 Extinguishing Methods:CO<sub>2</sub>, Halon, Dry Chemical, Foam

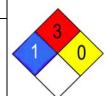
5.6 Firefighting Procedures:

HazChem Code: 2YE

Hazard Identification Number: 33

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.



NA

Upper Explosive Limit (UEL):

### 6. ACCIDENTAL RELEASE MEASURES

6.1 Spills:

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

For small spills (e.g., <1 gallon) 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

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. Store in original containers. Do not store where temperatures may exceed 120 °F.

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		8. EXPOSURE CONTROLS & PERSONAL PROTECTION			
.1	Ventilation & Engineering Contro				
		e quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure that a washbasin is available in case of exposure to eyes.			
.2	Respiratory Protection:				
	protection authorized p	protection is required under typical circumstances of use or handling. If necessary, use only respirator per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriat s provinces, E.C. member states, or Australia.			
.3	Eye Protection:				
		of this product, splash or safety glasses may be worn. If necessary, refer to U.S. OSHA 29 CFR §1910.133 the European Standard EN166.			
.4	Hand Protection:				
		inged & repeated skin contact will occur during use of this product, wear latex or rubber gloves for routin ary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member states.			
1.5	Body Protection:				
	of Canada, the E.C. mer	9. PHYSICAL & CHEMICAL PROPERTIES			
.1	Density:	0.82			
0.2	Boiling Point:	NA			
.3	Melting Point:	NA NA			
0.4	Evaporation Rate:				
0.5	Vapor Pressure:	NA NA			
1.6		NA NE			
9.7	Molecular Weight:  Appearance & Color:	NE			
		Lavender, translucent liquid with citrus odor			
8.0	Odor Threshold:	ND			
).9	Solubility:	Soluble in water			
9.10	рН	NA NA			
9.11	Viscosity:	< 500 cPs			
0.12	Other Information:	NA NA			
		10. STABILITY & REACTIVITY			
0.1	Stability:				
		onditions when stored properly (see Section 7, Storage and Handling).			
0.2	Hazardous Decomposition Produ				
	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> ).				
0.3	Hazardous Polymerization:				
		o extremely high temperatures.			
10.4 Conditions to Avoid:					
10.4	This is not always to the				
10.4		tible with strong oxidizers (e.g., peroxides, superoxides), strong acids (e.g., hydrochloric or muriatic acids), c potassium hydroxide) and potassium t-butoxide.			

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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. This data has not been presented in this document.
11.2	Acute Toxicity:
	See Section 2.5
1.3	Chronic Toxicity:
	See Section 2.6
11.4	Suspected Carcinogen:
	No
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 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 data available for the components of this product are not available.
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 t
	overexposed 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)

0.91

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### 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.

49 CFR (GND):
EXCEPTED QUANTITY (49 CFR §173.4a) (≤ 30.0 ml)
CONSUMER COMMODITY, ORM-D
UN1090, ACETONE SOLUTIONS, 3, II (> 1.0 L)

14.2 IATA (AIR)

EXCEPTED QUANTITY (AIR SHIPPER § 4.1.2) ( $\leq$  30.0 ml) CONSUMER COMMODITY, 9, ID8000 ( $\leq$  0.5 L)

UN1090, ACETONE SOLUTIONS, 3, II (> 0.5 L)

14.3 IMDG (OCN):

EXCEPTED QUANTITY (2008 IMO § 3.5.1) ( $\leq$  30.0 ml) UN1090, ACETONE SOLUTIONS, 3, II, LTD QTY ( $\leq$  1.0 L)

UN1090, ACETONE SOLUTIONS, 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) UN1090, ACETONE SOLUTIONS, 3, II (> 1.0 L)

14.5 ADR/RID (EU):

UN1090, ACETONE SOLUTIONS, 3, II, ADR

14.6 MEXICO (SCT)

UN1090, SOLUCIONES DE ACETONA, 3, II, CANTIDAD LIMITADA (≤ 1.0 L)







### 15. REGULATORY INFORMATION

15.1 SARA Reporting Requirements:

NA

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):

Acetone: 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).

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.



15.7 State Regulatory Information:

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

California OSHA Hazardous Substances List Acetone
Delaware Air Quality Management List Acetone

Massachusetts Hazardous Substances List Acetone, Propylene glycol Minnesota Hazardous Substances List Acetone, Propylene glycol

New York List of Hazardous Substances Acetone

Pennsylvania Hazardous Substances List Acetone, Propylene glycol

Washington Permissible Exposure Limits for Air Contaminants
Wisconsin Hazardous Substances List
Acetone

15.8 67/548/EEC (European Union) Requirements:

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

<u>Acetone</u>: Flammable (F). R: 11-36-66-67 – Highly flammable. Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapors may cause drowsiness and dizziness. S: 9-16-23-33 - Keep container in a well-ventilated place. Keep away from sources of ignition - No smoking. Do not breathe gas, fumes, vapor or spray. Take precautionary measures against static discharges.



+1 (310) 360-5700 fax

http://www.shipmate.com/

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards MSDS Revision: 2.1 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 See last page of this Material Safety Data Sheet. 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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### **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 Hygienists	
TLV Threshold Limit Value	
OSHA U.S. Occupational Safety and Health Administration	
PEL Permissible Exposure Limit	
IDLH Immediately Dangerous to Life and Health	

#### FIRST AID MEASURES:

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

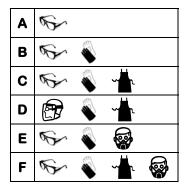
### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

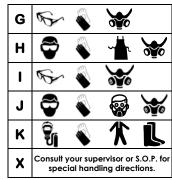
### **HEALTH, FLAMMABILITY & REACTIVITY RATINGS:**

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



### PERSONAL PROTECTION RATINGS:









Dust & Vapor

Respirator





Full Suit



or SCBA

Note: the dotted circle indicates that this respiratory protective equipment is required for high concentrations or for large volume spills or releases of product.

### OTHER STANDARD ABBREVIATIONS:

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

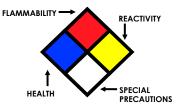
#### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

#### 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
<del>-W</del> -	Use No Water
OX	Oxidizer



#### TOXICOLOGICAL INFORMATION:

LD <sub>50</sub>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals s
LC <sub>50</sub>	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD <sub>lo</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
TC, TC <sub>o</sub> , LC <sub>lo</sub> , & LC <sub>o</sub>	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:

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