## **MATERIAL SAFETY DATA SHEET**

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MSDS-172

Prep	ared to OSHA, ACC, ANSI, N	NOHSC, WHMI	S & 2001/58 EC	C Standards	MSDS R	Revision: 1	.1	MSDS F	Revision Do	ate: 06/01	/2007
	1. PRODUCT IDENTIFICATION										
1.1	Product Name:										
	<b>AVOPLEX CUTICLE</b>	OIL TO G	90								
1.2	Chemical Name:										
	BOTANICAL OIL MIXTURE										
1.3	Synonyms:										
	NA										
1.4	Trade Names:										
1.5	SR6F7 Product Use:										
	PROFESSIONAL OR SUNDRY USE ONLY										
1.6	Distributor's Name:										
	OPI PRODUCTS, INC										
1.7	Distributor's Address:										
	13034 SATICOY STREET, NO	. HOLLYWOOL	D, CA 91605 US	SA .							
1.8	Emergency Phone:  CHEMTREC: +1 (703) 5	527-3887 /	+1 (800) 424	4-3887							
1.9	Business Phone:										
	+1 (818) 759-2400 / 1-800-	341-9999									
			2. HAZ	ARD IDEN	ITIFIC A	ATION					
2.1	Hazard Identification:										
	This product is not classified the ADG Code (Australia).	ed as a hazar	dous substanc	e or as dange	erous god	ods acco	rding to t	ne classif	cation cri	iteria of N	OHSC and
2.2	Routes of Entry:		Inhalation:	NO	Ab	sorption:	١	'ES	Ingestion	n:	YES
2.3	Effects of Exposure:										
	•		l, may cause r		•						
	<u> </u>	ritating to the	e eyes. May	be irritating	to skin ir	n some s	ensitive i	ndividual	s, especio	ally after	prolonged
	contact.	- i									
2.4	INHALATION: Inhalation  Symptoms of Overexposure:	n is unlikely; n	owever, vapo	rs of this produ	oct may t	e sligntly	irritating	to some s	ensitive ir	iaiviauais	•
2.4	Symptoms of overexposure	e mav include	redness, itchi	ina. and irritat	ion.						
2.5	Acute Health Effects:	<u> </u>									
	SKIN: Redness, itching, and	d irritation of s	kin at the site o	of contact for	some ser	sitive ind	ividuals.				
2.6	Chronic Health Effects:										
	No chronic health effect	s are known,	although syr	mptoms and	discomfo	ort may c	occur for	several	days follo	wing over	erexposure
2.7	following ingestion.  Target Organs:										
2./	Eyes; Skin										
	Lycs, okn										
		3 COM	MPOSITIOI	N & INCP	DIENT	INFO	λλ Λ TΙ <i>C</i>	) N			
		<u> </u>							TC INI AID A	[magr/ma3]	
						ACCIL	– ppm		TS IN AIR (		OTHER
	CHEMICAL NAME(S)	CASNo	RTECS No.	EINECS No.	%				SHA - ppi		OTHER
PFRSF	CHEMICAL NAME(S) A GRATISSIMA	CAS No.	RIECS NO.	EINECS NO.		TLV	STEL	PEL	STEL	IDLH	
	CADO) OIL	84965-98-7	NA	232-428-0	≤ 25.0	NA	NA	NA	NA	NA	
ETHYL	HEXYL PALMITATE	29806-73-3	NA	249-862-1	≤ 20.0	NA	NA	NA	NA	NA	
	VINFERA (GRAPE) SEED OIL	8024-22-4	NA	273-313-5	≤ 15.0	NA	NA	NA	NA	NA	
	NTHUS ANNUS	8001-21-6	NA	232-273-9	≤ 10.0	NA	NA	NA	NA	NA	
	LOWER) SEED OIL OPYL PALMITATE	142-91-6	RT4900000	205-571-1	≤ 10.0	NA	NA	NA	NA	NA	
	AUM INDICUM (SESAME)										
SEED (		8008-74-0	VU3940000	232-369-0	≤ 10.0	NA	NA	NA	NA	NA	
SILICA	1	7631-86-9	VV7565000	231-545-4	≤ 10.0	(6)	NE	(6)	NE	NE	as a dust
NIA —	Not Available: ND - Not De	torminad: NE	- Not Establish	ad: C = Cailin	a Limit. So	oo Sootio	14 for A	dditional	Dofinition	of Torms	Usod

NOTE: All WHMIS required information is included. It is located in appropriate sections based on the ANSI Z400.1-2004 format.

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<b>3.</b> (	COMIT OSI	IIOIV & IIV	GKEDIENI	INIC	K/WIA II	CIN- C	OHIIIIU	eu		
						EXPO	OSURE LIN	ITS IN AIR	(mg/m³)	ı
					ACGIH	l – ppm	C	SHA - pp	m	OTHER
CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	PEL	STEL	IDLH	
LECITHIN	8002-43-5	OG7565000	297-639-2	≤ 10.0	NE	NE	NE	NE	NE	
CAPRIC/CAPRYLIC TRIGLYCERIDE	73398-61-5	NA	277-452-2	≤ 5.0	NA	NA	NA	NA	NA	
ALCOHOL	64-17-5	KQ630000	200-578-6	≤ 3.0	1000	NA	1000	NA	NA	
ASCORBYL PALMITATE	137-66-6	CI7671040	205-305-4	≤ 3.0	NA	NE	NE	NE	NE	
GLYCERYL STEARATE	31566-31-1	RG1925000	250-705-4	≤ 3.0	NA	NA	NA	NA	NA	
OLEIC ACID	112-80-1	RG2275000	204-007-1	≤ 3.0	NA	NA	NA	NA	NA	
ALEURITES MOLUCCANA (KUKUI NUT) SEED OIL	8015-80-3	NA	NA	≤ 1.0	NA	NA	NA	NA	NA	
FRAGRANCE (PARFUM)	NA	NA	NA	≤ 1.0	NE	NE	NE	NE	NE	
BUTYLATED HYDROXYTOLUENE	128-37-0	GO7875000	204-881-4	≤ 1.0	NA	NA	NA	NA	NA	
METHYLPARABEN	99-76-3	DH2450000	202-785-7	≤ 1.0	NE	NE	NE	NE	NE	
TOCOPHEROL	1406-18-4	NA	215-798-8	≤ 1.0	NA	NE	NE	NE	NE	
a-TOCOTRIENOLS	58864-81-6	NA	NA	≤ 1.0	NA	NA	NA	NA	NA	
LIMONENE	138-86-3	CS8100000	205-341-0	NA	NA	NA	NA	NA	NA	ALLERGEN
HEXYL CINNAMAL	101-86-0	GD6560000	202-983-3	NA	NA	NA	NA	NA	NA	ALLERGEN
BENZYL SALICYLATE	118-58-1	VO1750000	201-262-9	NA	NA	NA	NA	NA	NA	ALLERGEN
BUTYLPHENYL METHYLPROPIONAL	80-54-6	MW4895000	201-289-8	NA	NA	NA	NA	NA	NA	ALLERGEN
LINALOOL	78-70-6	RG5775000	201-134-4	≤ 1.0	NA	NA	NA	NA	NA	ALLERGEN
HYDROXYCITRONELLAL	107-75-5	RG7850000	203-518-7	NA	NA	NA	NA	NA	NA	ALLERGEN
GERANIOL	106-24-1	RG5830000	203-377-1	NA	NA	NA	NA	NA	NA	ALLERGEN
HYDROXYISOPEXYL 3- CYCLOHEXENE CARBOXALDEHYDE	31906-04-4	NA	250-863-4	NA	NA	NA	NA	NA	NA	ALLERGEN
BENZYL ALCOHOL	100-51-6	ND3150000	202-859-9	NA	NA	NA	NA	NA	NA	ALLERGEN
<u> </u>										

### 4. FIRST AID MEASURES

		First Aid:	4.1			
on Control	s person. Contact the nearest Poison	INGESTION: If ingested, do not induce vomiting. Drink plenty of water or milk IMMEDIATELY. If the position offer plenty of water or milk. Never give water or milk to an unconscious person. Contact Center or local emergency number. Provide an estimate of the time and amount of the su				
eyelid(s)	EYES: If product is in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. Open and close eyelid to ensure thorough irrigation. If problem persists, consult a physician.					
If redness, dryness or other signs of irritation to the skin develop, wash affected skin areas with plenty of warm water and soap. If irritation persists, consult a physician.						
		INHALATION: Remove victim to fresh air at once.				
1	HEALTH	Medical Conditions Aggravated by Exposure:				
		None known.				
0	FLAMMABILITY					
0	REACTIVITY					
Ī	PROTECTIVE EQUIPMENT					
1	EYES SKIN					
_	EYES SKIN					

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### 5. FIREFIGHTING MEASURES

5.1 Flashpoint & Method:

Non-flammable.

Autoignition Temperature:

NA

5.2

5.3 Flammability Limits:

Lower Explosive Limit (LEL):

NA

Upper Explosive Limit (UEL):

NA

5.4 Fire & Explosion Hazards:

This product is non-flammable. When exposed to high temperatures, may produce hazardous decomposition products such as carbon monoxide, carbon dioxide and smoke.

5.5 Extinguishing Methods:

NA

5.6 Firefighting Procedures:

As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear.



### 6. ACCIDENTAL RELEASE MEASURES

6.1 Spill

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). 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). Transfer product 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 eye contact. Do not eat, drink or smoke when handling this product. Keep away from foodstuffs and beverages.

7.2 Storage & Handling:

Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Do not store in damaged or unmarked containers or storage devices. Keep containers securely closed when not in use.

7.3 Special Precautions:

Spilled material may present a slipping hazard if left unattended. Clean all spills promptly.

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	8.	EXPOSURE CONTROLS & PERSONAL PROTECTION							
	Ventilation & Engineering Controls:								
8.1	General mechanical (e.g., fans) or natural ventilation is sufficient when this product is in use.								
8.2	Respiratory Protection:	·							
8.2	None required.								
8.3	Eye Protection:								
	None required under normal conditions of use. Avoid eye contact. May cause irritation in some sensitive individuals. When handling large quantities (e.g., $\geq 1$ gallon), safety glasses with side shields should be used.								
8.4	Hand Protection:								
	None required under normal conditions of use. May cause skin irritation in some sensitive individuals. When handling large quantities (e.g., ≥ 1 gallon), wear rubber or impervious plastic gloves.								
8.5	Body Protection:								
	No apron required when handling small quantities. When handling large quantities (e.g., ≥ 1 gallon), eye wash stations and deluge showers should be available. Upon completion of work activities involving large quantities of this product, wash any exposed areas thoroughly with soap and water.								
		9. PHYSICAL & CHEMICAL PROPERTIES							
9.1	Density:	0.9300-0.9600							
9.2	Boiling Point:	ND							
9.3	Melting Point:	ND							
9.4	Evaporation Rate:	ND							
9.5	Vapor Pressure:	ND							
9.6	Molecular Weight:	ND							
9.7	Appearance & Color:	Tube with brush, contents oily liquid, slight color							
9.8	Odor Threshold:	ND							
9.9	Solubility:	Soluble							
9.10	На	NA NA							
9.11	Viscosity:	18,000 cp							
9.12	Other Information:	NA NA							
		10. STABILITY & REACTIVITY							
10.1	Stability: This product is stable.								
10.2	Hazardous Decomposition Products:  Oxides of carbon and nitrogen.								
10.3	Hazardous Polymerization: Will not occur.								
10.4	Conditions to Avoid:  Open flames, sparks, high heat	and direct sunlight.							
10.5	Incompatible Substances: None known or reported.								

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	11. TOXICOLOGICA	L INFORMATION			
11.1	Toxicity Data: The product has not been tested on animals to obtain toxicological which are found in the scientific literature. These data have not bee	data. There are toxicology n presented in this docume	data for the components of this product, nt.		
11.2	Acute Toxicity: See section 2.5				
11.3	Chronic Toxicity: See section 2.6				
11.4	Suspected Carcinogen: NE				
11.5	Reproductive Toxicity:  This product is not reported to produce reproductive toxicity in humo	ans.			
	Mutagenicity: This product is not reported to produce mutagenic effects in humans	<b>3.</b>			
-	Embryotoxicity: This product is not reported to produce embryotoxic effects in humans.				
	Teratogenicity: This product is not reported to produce teratogenic effects in humans.				
	Reproductive Toxicity:  This product is not reported to produce reproductive effects in huma	ins.			
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:  There is no specific data available for this product.				
12.2	Effects on Plants & Animals:  There is no specific data available for this product.				
12.3	Effects on Aquatic Life: There is no specific data available for this product.				
	13. DISPOSAL COI	NSIDERATIONS			
13.1	Waste Disposal: Dispose of in accordance with federal, state and local regulations.				
13.2	Special Considerations:  Packagings should be emptied as much as possible and after rinsing	g, sent for recycling.			
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14. TRANSPORTATION INFORMATIO	14.	TRANSPO	DRTATION	INFORMATIO
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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.

14.1	49 CFR (GND): NOT REGULATED	
14.2	IATA (AIR): NOT REGULATED	
14.3	IMDG (OCN): NOT REGULATED	
14.4	TDGR (Canadian GND): NOT REGULATED	
14.5	ADR/RID (EU): NOT REGULATED	
14.6	SCT (MEXICO): NOT REGULATED	

### 15. REGULATORY INFORMATION

15.1 SARA Reporting Requirements:

NΑ

15.2 SARA Threshold Planning Quantity:

NA

15.3 TSCA Inventory Status:

All chemical substances of this product are listed on the TSCA inventory or are otherwise exempted from inventory status.

15.4 CERCLA Reportable Quantity (RQ):

NΑ

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.



15.7 State Regulatory Information:

Silica can be found on the following state right to know lists: California, New Jersey, Florida, Pennsylvania, Minnesota, and Massachusetts.

Ethanol can be found on the following state Hazardous Substance List: Massachusetts, Minnesota and Pennsylvania. Ethanol is listed on the Washington Permissible Exposure Limits for Air Contaminants.

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

The primary components of this product are not listed in Annex I of EU Directive 67/548/EEC. (Xi) Irritant

R: 36/38 – Irritating to eyes and skin. Discontinue use if sensitization occurs.

R: 43 May cause sensitization by skin contact.

S: 24 Avoid contact with eyes.



310-370-5700 fax

http://www.shipmate.com

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards MSDS Revision: 1.1 MSDS Revision Date: 06/01/2007 16. OTHER INFORMATION 16.1 Other Information: Use only as directed. Discontinue use immediately if irritation develops. 16.2 See last page of this MSDS. 16.3 Disclaimer: 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 Inc.'s 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: OPI PRODUCTS, Inc 13034 Saticoy St.  $\mathbf{O} \cdot \mathbf{P} \cdot \mathbf{I}$ NO. Hollywood, California 91605 USA Tel: +1 (818) 759-2400 Fax: +1 (760) 431-9904 http://www.opi.com Prepared by: ShipMate, Inc. 18436 Hawthorne Boulevard, Suite 201 Torrance, CA 90504 310-370-3600 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
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### **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.
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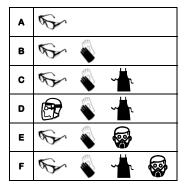
### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

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

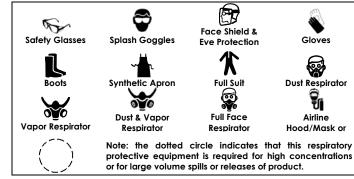
0	Minimal Hazard	
1	Slight Hazard	
2	Moderate Hazard	
3	3 Severe Hazard	
4	Extreme Hazard	



### PERSONAL PROTECTION RATINGS:







### FLAMMABILITY LIMITS IN AIR:

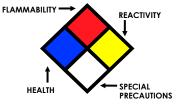
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
UEL	Upper Explosive Limit - highest percent of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

### OTHER STANDARD ABBREVIATIONS:

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

### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA 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



### TOXICOLOGICAL INFORMATION:

LD <sub>50</sub>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals s						
LC <sub>50</sub>	Lethal concentration (gases) which kills 50% of the exposed animal						
ppm	Concentration expressed in parts of material per million parts						
TD <sub>Io</sub>	Lowest dose to cause a symptom						
TCLo	Lowest concentration to cause a symptom						
TD <sub>Io</sub> , LD <sub>Io</sub> , & LD <sub>o</sub> or	Lowest dose (or concentration) to cause lethal or toxic						
TC, TCo, LCio, & LCo	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)					
CPR	Canada's Controlled Product Regulations					

### **EC INFORMATION:**

		M	*		<b>9</b>	X	X
С	E	F	N	0	T+	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

### WHMIS INFORMATION:

$\oslash$				<b>(T)</b>	<b>®</b>		R
Α	В	C	D1	D2	D3	E	F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive