

		MATERIAL SAFETY DATA SHEET				Page 1 of 8 MSDS-129	
Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards			MSDS Revision: 1.1		MSDS Revision Date: 11/01/2006		
1. PRODUCT IDENTIFICATION							
1.1	Product Name: PEDICURE REFRESH						
1.2	Chemical Name: ETHANOL SOLUTION						
1.3	Synonyms: PC214, PC218						
1.4	Trade Names: NA						
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						
1.9	Business Phone: +1 (818) 759-2400 / +1 (800) 341-9999						
2. HAZARD IDENTIFICATION							
2.1	Hazard Identification: Flammable liquid. This product is classified as a hazardous substance and as dangerous goods according to the classification criteria of NOHSC (Australia).						
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. EYES: Slightly irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation and watering. SKIN: May be irritating to skin in some sensitive individuals. INHALATION: Vapors of this product may be slightly irritating to the nose, throat and other tissues of the respiratory system. Inhalation of concentrated vapors can cause central nervous system depression (e.g., drowsiness, dizziness, headaches, nausea).						
2.4	Symptoms of Overexposure: EYES: Overexposure in eyes may cause redness. SKIN: Symptoms of skin overexposure may include redness, itching, and irritation of affected areas. INHALATION: When working with large quantities (e.g., >1 gallon), symptoms of overexposure can include coughing, wheezing, nasal congestion, and difficulty breathing. Inhalation of concentrated vapors can cause central nervous system depression (e.g., drowsiness, dizziness, headaches, nausea).						
2.5	Acute Health Effects: EYES: Slight irritation to eyes near affected areas. SKIN: Slight irritation to skin near affected areas. INHALATION: When working with large quantities (e.g., >1 gallon), high concentrations of vapors can cause drowsiness, dizziness, headaches and nausea.						
2.6	Chronic Health Effects: No chronic health effects are known.						
2.7	Target Organs: Eyes, skin & respiratory system.						
NA = Not Available; ND = Not Determined; NE = Not Established; C = Ceiling Limit; See Section 16 for Additional Definitions of Terms Used 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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3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m ³)				
					ACGIH - ppm		OSHA - ppm		
					TLV	STEL	PEL	STEL	IDLH
WATER	7732-18-5	ZC0110000	231-791-2	≤ 50.0	NA	NA	NA	NA	NA
DENATURED ALCOHOL	64-17-5	KQ6300000	200-578-6	≤ 35.0	1000	NA	1000	NA	NA
ISOPENTYDIOL	2568-33-4	NA	256-597-5	≤ 15.0	NA	NA	NA	NA	NA
PROPYLENE GLYCOL	57-55-6	TY2000000	200-338-0	≤ 2.0	NA	NE	NE	NE	NE
MENTHOL	2216-51-5	OT0700000	218-690-9	≤ 1.0	NA	NA	NA	NA	NA
CI 42090 (BLUE 1)	3844-45-9	BQ4725000	223-339-8	≤ 1.0	NA	NA	NA	NA	NA
PROPRIETARY INGREDIENTS	NA	NA	NA	NA	NA	NA	NA	NA	NA

ADDITIONAL INGREDIENTS

BENZYL ALCOHOL	100-51-6	DN31500000	202-859-9	≤ 1.0	NA	NA	NA	NA	NA
BENZYL SALICYLATE	118-58-1	JO17500000	204-262-9	≤ 1.0	NA	NA	NA	NA	NA
GERANIOL	106-24-1	RG5830000	203-377-1	≤ 1.0	NA	NA	NA	NA	NA
HYDROXYMETHYLPENTYL 3-CYCLOHEXENE CARBOXALDEHYDE	319-06-04-4	NA	250-863-4	≤ 1.0	NA	NA	NA	NA	NA
BUTYLPHENYL METHYLPROPIONAL	80-54-6	MW4895000	201-289-8	≤ 1.0	NA	NA	NA	NA	NA
HEXYL CINNAMAL	101-86-0	GD6560000	203-919-7	≤ 1.0	NA	NA	NA	NA	NA
LIMONENE	5989-27-5	NA	227-813-5	≤ 1.0	NA	NA	NA	NA	NA

4. FIRST AID MEASURES

4.1	First Aid:				
	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.			
	EYES:	If product is in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. Open and close eyelid(s) to ensure thorough irrigation. If problem persists, consult a physician.			
	SKIN:	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. If breathing stops, perform artificial respiration. Seek immediate medical attention.			
4.2	Medical Conditions Aggravated by Exposure:				
	Pre-existing dermatitis, other skin conditions, and disorders of the target organs (eyes, skin, and respiratory system).	HEALTH		2	
		FLAMMABILITY		3	
		REACTIVITY		0	
		PROTECTIVE EQUIPMENT		B	
		EYES	SKIN		

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5. FIREFIGHTING MEASURES

5.1	Flashpoint & Method: ≥ 23 °C (≥ 73 °F) Calculated			
5.2	Autoignition Temperature: ND			
5.3	Flammability Limits:	Lower Explosive Limit (LEL):	NE	Upper Explosive Limit (UEL): NE
5.4	Fire & Explosion Hazards: This product is a flammable liquid. When involved in a fire, this product may ignite and decompose to form toxic gases (e.g., CO, CO2, and NOx).			
5.5	Extinguishing Methods: Water, Foam, CO2, Dry Chemical			
5.6	Firefighting Procedures: First responders should wear eye protection. For spills > 1 gallon, evacuate and deny entry to all individuals. Structural fire fighters must wear full protective equipment and MSHA/NIOSH-approved self-contained breathing apparatus. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas. If necessary, rinse contaminated equipment with soapy water before returning to service.			

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.
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7. HANDLING & STORAGE INFORMATION

7.1	Work & Hygiene Practices: Avoid breathing the vapors generated by this product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans. Do not eat, drink, or smoke while handling this product.
7.2	Storage & Handling: Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Keep away from excessive heat, open flames, sparks, and other possible sources of ignition. Keep away from incompatible materials listed in Section 10. Do not store in damaged or unmarked containers or storage devices. Keep containers securely closed when not in use. Open slowly on a level, stable surface. Empty containers may contain residual amounts of this product; therefore, empty containers should be handled with care. As a precaution against exposure to the eyes, nose, throat and face, this product should not be stored higher than waist level. Keep away from children at all times!
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				
8.1	Ventilation & Engineering Controls: Use with adequate ventilation (e.g., open doors and windows, local exhaust ventilation). Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station).			
8.2	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.			
8.3	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., ≥ 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:	NA		
9.2	Boiling Point:	NA		
9.3	Melting Point:	NA		
9.4	Evaporation Rate:	NA		
9.5	Vapor Pressure:	NA		
9.6	Molecular Weight:	NA		
9.7	Appearance & Color:	Semi-viscous, blue colored liquid with slight medicinal odor.		
9.8	Odor Threshold:	NA		
9.9	Solubility:	Partial		
9.10	pH	7.30-7.60		
9.11	Viscosity:	NA		
9.12	Other Information:	NA		
10. STABILITY & REACTIVITY				
10.1	Stability: Relatively stable under ambient conditions when stored properly.			
10.2	Hazardous Decomposition Products: If exposed to extremely high temperatures, products of thermal decomposition may include irritating vapors and toxic gases (e.g., oxides of carbon & nitrogen).			
10.3	Hazardous Polymerization: Will not occur.			
10.4	Conditions to Avoid: Exposure or contact to extreme temperatures, incompatible chemicals, strong light sources, sparks, flame.			
10.5	Incompatible Substances: Strong oxidizers, peroxides, or strong acids			

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11. TOXICOLOGICAL INFORMATION

11.1	Toxicity Data: The product has not been tested on animals to obtain toxicological data. There are toxicology data for the components of this product, which are found in the 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: NE
11.5	Reproductive Toxicity: This product is not reported to produce 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.
	Teratogenicity: This product is not reported to produce teratogenic effects in humans.
	Reproductive Toxicity: This product is not reported to produce 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: 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 CONSIDERATIONS

13.1	Waste Disposal: Dispose of in accordance with federal, state and local regulations.
13.2	Special Considerations: U.S. EPA Characteristic Waste: D001 (ignitable)

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14. TRANSPORTATION INFORMATION

The basic description (proper shipping name, hazard class & division, ID Number, 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): CONSUMER COMMODITY, ORM-D (≤ 5.0 L)
14.2	IATA (AIR): CONSUMER COMMODITY, ORM-D (≤ 0.5 L), UN1170, ETHANOL SOLUTION, 3, III, LTD QTY (> 0.5 L, ≤ 1.0 L)
14.3	IMDG (OCN): UN1170, ETHANOL SOLUTION, 3, III, LTD QTY (≤ 5.0 L)
14.4	TDGR (Canadian GND): MARK PACKAGE "LIMITED QUANTITY" or "QUANTITÉ LIMITÉE" or "LTD QTY" or "QUANT LTÉE"
14.5	ADR/RID (EU): UN1170, ETHANOL SOLUTION, 3, III, ADR LTD QTY (≤ 5.0 L)
14.6	SCT (MEXICO): UN1170, ETANOL EN SOLUCIÓN, 3, III, CANTIDAD LIMITADA (≤ 5.0 L)



15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements: NA
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): 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 Controlled Products Regulations (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 C1 Flammable Liquid.
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15.7	State Regulatory Information: Ingredients in this mixture are found on the following state criteria lists:
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Massachusetts Hazardous Substances List	Ethanol
Minnesota Hazardous Substances List	Propylene Glycol, Ethanol
Pennsylvania Hazardous Substances List	Propylene Glycol, Ethanol
Washington Permissible Exposure Limits for Air Contaminants	Ethanol

15.8	67/548/EEC (European Union) Requirements: The primary component of this product is listed in Annex I of EU Directive 67/548/EEC: Ethanol: Flammable (F): R: 11/20/21/22/36/37/38/40 - Highly flammable. Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes, respiratory system and skin. Limited evidence of a carcinogenic effect. Possible risk of irreversible effects. S: 7/16/24/25/36/37/39/45 - Keep container tightly closed. Keep away from sources of ignition -- No smoking. Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately.
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16. OTHER INFORMATION					
16.1	Other Information: WARNING: FLAMMABLE! Keep away from heat or flame. Product may present slipping hazard when walking on wet surfaces. Use only as directed. Do not ingest. If swallowed, do not induce vomiting; seek medical attention. Avoid eye contact. Keep out of reach of children. If redness or other signs of adverse reaction occur, discontinue use immediately. If irritation persists, seek medical attention.				
16.2	Terms & Definitions: See page 7 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.				
16.4	Prepared for: OPI Products, Inc. 13034 Saticoy Street No. Hollywood, CA 91605 USA (818) 759-2400 phone (818) 759-5770 fax http://www.opi.com/				
16.5	Prepared by: ShipMate, Inc. 18436 Hawthorne Boulevard, Suite 201 Torrance, CA 90504 310-370-3600 phone 310-370-5700 fax http://www.shipmate.com				

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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:

OTHER STANDARD ABBREVIATIONS:

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	Severe Hazard
4	Extreme Hazard



PERSONAL PROTECTION RATINGS:

A		G	
B		H	
C		I	
D		J	
E		K	
F		X	Consult your supervisor or S.O.P. for special handling directions.

Safety Glasses	Splash Goggles	Face Shield & Eye Protection	Gloves
Boots	Synthetic Apron	Full Suit	Dust Respirator
Vapor Respirator	Dust & Vapor Respirator	Full Face Respirator	Airline Hood/Mask or
Note: the dotted circle indicates that this respiratory protective equipment is required for high concentrations or for large volume spills or releases of product.			

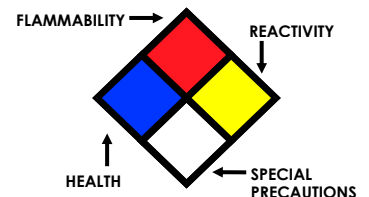
FLAMMABILITY LIMITS IN AIR:

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

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 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
OX	Oxidizer



TOXICOLOGICAL INFORMATION:

LD ₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC ₅₀	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD ₀₁	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD ₀₁ , LD ₀₁ , & LD ₀₁ or TC, TC ₀₁ , LC ₀₁ , & LC ₀₁	Lowest dose (or concentration) to cause lethal or toxic effects
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TL _m	Median threshold limit
log K _{ow} or log K _{oc}	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:

C	E	F	N	O	T+	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

WHMIS INFORMATION:

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