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Prepared to OSHA, ACC, ANSI and WHMIS Standards

MSDS Revision Date 11/01/2002

1. PRODUCT IDENTIFICATION							
1.1	Product Name:						
	CUCUMBER HEEL THERAPY						
1.2	Chemical Name:						
	AQUEOUS CREAM						
1.3	Synonyms:						
1.4	Trade Names:						
1.5	Product Use:						
	COSMETIC USE ONLY						
1.6	Manufacturer's Name:						
	CREATIVE NAIL DESIGN, INC.						
1.7	Manufacturer's Address:						
	1125 JOSHUA WAY, VISTA, CA U.S.A., 92083						
1.8	Emergency Phone:						
	ROCKY MOUNTAIN POISON CONTROL CENTER: 1-303-623-5716						
1.9	Business Phone:						
	1-800-833-NAII						

2. COMPOSITION & INGREDIENT INFORMATION

			EXPOSURE LIMITS IN AIR					
		%	ACGIH		OSHA			OTHER
CHEMICAL NAME(S)	CAS NO.		TLV ppm	STEL ppm	PEL ppm	STEL ppm	IDLH ppm	
EMULSIFYING WAX	NA	< 11.0	NE	NE	NE	NE	NE	
ISOPROPYL MYRISTATE	110-27-0	1-10	NE	NE	NE	NE	NE	
LACTIC ACID	50-21-5	1-10	NE	NE	NE	NE	NE	
CETYL RICINOLEATE	10401-55-5	1-5	NE	NE	NE	NE	NE	
ETHYLHEXYL HYDROXYSTEARATE	29710-25-6	1-5	NE	NE	NE	NE	NE	
PROPYLENE GLYCOL	57-55-6	1-5	NE	NE	NE	NE	NE	
SODIUM HYDROXIDE	1310-73-2	1-5	NE	2 CEILING	2 CEILING	NE	10	NIOSH REL
SOYBEAN OIL	8001-22-7	1-5	NE	NE	NE	NE	NE	
UREA	57-13-6	1-5	NE	NE	NE	NE	NE	
ALLANTOIN	97-59-6	0.1-2	NE	NE	NE	NE	NE	
BUTYLENE GLYCOL	107-88-0	0.1-2	NE	NE	NE	NE	NE	
PANTHENOL	16485-10-2	0.1-2	NE	NE	NE	NE	NE	
METHYLPARABEN	99-76-3	<1	NE	NE	NE	NE	NE	
WATER	7732-18-5		NE	NE	NE	NE	NE	
OTHER COMPONENTS PRESENT IN LESS THAN 1% CONCENTRATION		BALANCE						

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 Z400.1-1998 format.



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		3. HAZARD	IDENTIF	ICATION				
3.1	Hazard Identification:							
3.2	Routes of Entry:	Inhalation:	NO	Absorption:	YES	Ingestion:		YES
3.3	Effects of Exposure:	1	•		'	<u>, </u>	1	
		s swallowed, may cause nause						
	SKIN & EYES: Mildly irritat	ting to eyes. May be irritating t	o skin on se	nsitive individual	IS.			
3.4	Symptoms of Overexposure:							
	Symptoms of skin overexposure in some sensitive individuals may include redness, itching, and irritation of affected areas.							
2.5	Overexposure in eyes may ca	iuse redness, itching and water	ing.					
3.5	Mild irritation to eyes and skin	near affected areas.						
3.6	Chronic Health Effects:							
	None known; however, Methy to some sensitive individuals.	riparaben and Butylene Glycol	, contained	in very small qu	antities in this p	oroduct, may b	oe mild d	illergens
3.7	Target Organs:							
	Eyes and skin.							
		4						
	Γ	4. FIRST A	AID MEA	SURES				
4.1	First Aid: INGESTON: If inaested, do	not induce vomiting. Drink ple	enty of wate	er or milk IMMED	IATELY If the	nationt is vomi	iting cor	ntinue to
		water or milk. Never give wo						
		03-623-5716 or the nearest Pois mount of the substance that wo			emergency nu	umber. Provid	e an est	imate of
		noth of the substance that we not likely; however, if product :			h copious amo	ounts of lukew	arm wat	er for at
	least 15 minute	es. Open and close eyelid(s) t	o ensure th	orough irrigation	n. If irritation o	occurs, contac	t a phys	ician. If
		s when product is on the skin, i						
	the affected area with warm water and soap. Remove contaminated clothing and wash thoroughly before reuse. If irritation, redness or swelling persists, contact a physician immediately.							
4.2	Madical Canditions Asserts to the Fun	an rai						_
4.2	Medical Conditions Aggravated by Expo	osure.			HEALTH			1
					FLAMMABILITY			0
					REACTIVITY			0
					PROTECTIVE EQUIPMENT			
	,	5. FIREFIGH	ITING M	EASURES				
5.1	Flashpoint & Method:							
5.2	ND. Non-flammable. Autoignition Temperature:							
	Not applicable.							
5.3	Flammability Limits:	Lower Explosive Lir	nit (LEL):	NA	Upper Explosi	ve Limit (UEL):		NA
5.4	Fire & Explosion Hazards: This product is not flammable	a If involved in a fire this are	duct may	decomposo to			FLAMMABI	LITY
	This product is not flammable. If involved in a fire, this product may decompose to produce carbon oxide gases and nitrogen oxide gases.					YELLO	= HEALTH)W = REACT	
5.5	Extinguishing Methods:					0	= SPECIAL	MEASURES
5.6	Water, CO ₂ , Halon, Dry Chemic Firefighting Procedures:	cal				1 = M	O HAZARD INIMAL HAZ	
5.0		If involved in a fire, emergence	y responde	ers should wear			GHT HAZAR ODERATE HA	
	eye protection and SCBAs an	d other protective equipment.	If possible,	prevent runoff		4 = SE	VERE HAZAI	RD
		ins, waterways or environment						
	contaminated clothing and equipment with warm water and soap, followed by rinse before returning to service.							



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6. ACCIDENTAL RELEASE MEASURES

6.1 Spil

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:

Follow normal hygiene practices. Do not eat, drink or smoke while handling product.

7.2 Storage & Handling

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, Stability and Reactivity). Inspect all incoming containers before storage to ensure containers are properly labeled and not damaged.

7.3 Special Precautions:

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

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 Ventilation & Engineering Controls:

When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure that an eyewash station or washbasin is available in case of exposure to eyes.

8.2 Respiratory Protection

No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized in U.S. Federal OSHA's 29 CFR 1910.134, applicable U.S. State regulations, or the appropriate standards of Canada, its Provinces, E.C. member States, or Australia. Use supplied air respiration protection if oxygen levels are below 19.5% or are unknown.

8.3 Eye Protection:

Avoid eye contact. None required under normal conditions of use. However, 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. However, may cause skin irritation in some sensitive individuals.

When handling large quantities (e.g., ≥ 1 gallon), wear rubber or plastic impervious 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.



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	34.34.13.301.17.13.37.11	NSI and WHMIS Standards MSDS Revision Date 11/01/2002						
		9. PHYSICAL & CHEMICAL PROPERTIES						
9.1								
9.2	Boiling Point:	NE NE						
9.3	Melting Point:	NE NE						
9.4	Evaporation Rate:	175						
9.5	Vapor Pressure:	NE NE						
9.6	Molecular Weight:	NE NE						
9.7	Appearance & Color:							
9.8	Odor Threshold:	Opaque, Green Cream with Cucumber Odor						
9.9	Solubility:	NE Machine aluble in works						
9.10	рН	Mostly soluble in water NE						
9.11	Viscosity:							
9.12	Other Information:	NE .						
7.12	Office information.							
		10 OT A BILLITY A BE A OTIVITY						
10. STABILITY & REACTIVITY								
10.1	Stability:	Stable under ambient conditions when stored properly (see Section 7, Storage and Handling).						
10.2	Hazardous Decomposition Products:	NA NA						
10.3	Hazardous Polymerization:	Will not occur						
10.4	Conditions to Avoid:	This product is incompatible with strong oxidizers (e.g., peroxide compounds), bases (e.g., potassium hydroxide), strong acids (e.g., nitric acid), cationic materials, heavy metal salts, and water reactive materials.						
10.5	Incompatible Substances:	Exposure to or contact with extreme temperatures, strong light sources or incompatible materials.						
		11. TOXICOLOGICAL INFORMATION						
11.1	Toxicity Data:	This 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 3.5						
11.3	Chronic Toxicity:	See Section 3.6						
11.4	Suspected Carcinogen:	NE						
11.5	Reproductive Toxicity:	None						
	Mutagenicity: This product is not reported to produce mutagenic effects in humans.							
	Embryotoxicity: This product is not reported to produce embryotoxic effects in humans.							
Ī		This product is not reported to cause teratogenic effects in humans.						
Ī		This product is not reported to cause reproductive effects in humans.						
11.6	Irritancy of Product:	Can irritate skin and eyes in some sensitive individuals.						
11.7	Biological Exposure Indices:	NE						
11.8	Physician Recommendations:	Treat symptomatically.						
		<u> </u>						
12. ECOLOGICAL INFORMATION								
12.1	Environmental Stability:	This product will slowly volatile from soil. Components of this product will slowly decompose into organic compounds.						
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.						



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13. DISPOSAL CONSIDERATIONS					
13.1 Waste Disposal:					
Dispose in accordance with Federal, state and local regulations.					
13.2 Special Considerations:					
14. TRANSPORTATION INFORMATION					
The basic description (proper shipping name, hazard class & division, ID Number, packing group) is shown for each Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.	ach mode of transportation.				
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					
15. REGULATORY INFORMATION					
15.1 SARA Reporting Requirements:					
SARA 304 (40 CFR Table 302.4)					
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):					
Sodium Hydroxide = 1000 lb (454 kg).					
15.5 Other Federal Requirements:	der C. (Compelies)				
This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR Subchap 15.6 Other Canadian Regulations:	oter G, (Cosmetics).				
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.					
15.7 State Regulatory Information:					
Sodium Hydroxide is covered under specific State criteria. No components of this product are listed on the California Proposition 65					
Lists.	<u> </u>				



310-370-5700 fax

http://www.shipmate.com/

MATERIAL SAFETY DATA SHEET

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16. OTHER INFORMATION Other Information: Use only as directed. Avoid eye contact. If contact occurs, flush eye thoroughly with running water for 15 minutes. Seek medical attention. If redness or other signs of adverse reaction occur, discontinue use immediately. If irritation persists, seek medical attention. KEEP OUT OF REACH OF CHILDREN. 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 & Creative Nail Design'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: 16.4 Creative Nail Design, Inc. 1125 Joshua Way Vista, CA 92083 800-833-NAIL (6245) phone CREATIVE 760-599-4005 fax NAIL DESIGN http://www.creativenaildesign.com/ 16.5 Prepared by: ShipMate, Inc. 18436 Hawthorne Blvd, Suite 201 Torrance, CA 90504 310-370-3600 phone

Training & Consulting



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DEFINITIONS OF TERMS

A large number of abbreviations and acronyms appear on a MSDS. Some of these which are commonly used include the following:

CAS #: This is the Chemical Abstract Service Number that uniquely identifies each constituent.

EXPOSURE LIMITS IN AIR:

ACGIH - The American Conference on Governmental Industrial Hygienists, a professional association that establishes exposure limits.

TLV – Threshold Limit Value – an airborne concentration of a substance that represents conditions under which it is generally believed that all workers may be repeatedly exposed without adverse effect. The duration must be considered, including the 8-hour Time Weighted Average (TWA), the 15-minute Short Term Exposure Limit, and the instantaneous Ceiling Level (C). Skin absorption effect must also be considered.

OSHA - U.S. Occupational Safety and Health Administration

PEL – Permissible Exposure Limit – This exposure value means exactly the same as TLV, except that it is enforceable by OSHA. The OSHA Permissible Exposure Limits are based in the 1989 PELs and the June 1993 Air Contaminants Rule (<u>Federal Register</u>: 58: 35338-35351 and 58: 40191). Both the current PELs and the vacated PELs are indicated. The phrase "Vacated 1989 PEL," is placed next to the PEL which was vacated by Court Order.

IDLH – Immediately Dangerous to Life and Health – This level represents a concentration from which one can escape within 30-minutes without suffering escape-preventing or permanent injury. The **DFG** – **MAK** is the Republic of Germany's Maximum Exposure Level, similar to the U.S. PEL. NIOSH is the National Institute of Occupational Safety and Health, which is the research arm of the U.S. Occupational Safety and Health Administration (**OSHA**). NIOSH issues exposure guidelines called Recommended Exposure Levels (**RELs**). When no exposure guidelines are established; an entry of **NE** is made for reference.

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.

HAZARD RATINGS:

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: This rating system was developed by the National Paint and Coating Association and has been adopted by industry to identify the degree of chemical hazards. Health Hazard: 0 (minimal acute or chronic exposure hazard); 1 (slight acute or chronic exposure hazard); 2 (moderate acute or significant chronic exposure hazard); 3 (severe acute exposure hazard; onetime overexposure can result in permanent injury and may be fatal); 4 (extreme acute exposure hazard; onetime overexposure can be fatal). Flammability hazard: 0 (minimal hazard); 1 (materials that require substantial pre-heating before burning; 2 (combustible liquids or solids; liquids with a flashpoint of 38-93C [100-200F]); 3 (Class 1B and 1C flammable liquids with flash points below 38C [100F]; 4 (Class 1A flammable liquids with flash points below 23C [73F] and boiling points below 38C [100F]. Reactivity Hazard: 0 (normally stable); 1 (materials that can become unstable at elevated temperatures or which can react slightly with water); 2 (materials that are unstable but do not detonate when initiated or which can react violently with water); 3 (materials that can detonate when initiated or which can react explosively with water); 4 (materials that can detonate at normal temperatures or pressures). PPE Rating B: Hand and eye protection is required for routine chemical use.

NATIONAL FIRE PROTECTION ASSOCIATION: Health Hazard: 0 (material that on exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials); 1 (materials that on exposure under fire conditions could cause irritation or minor residual injury); 2 (materials that on intense or continued exposure under fire conditions could cause temporary incapacitation or possible residual injury); 3 (materials that can on short exposure could cause serious temporary or residual injury); 4 (material that under very short exposure could cause death or major residual injury).

<u>Flammability Hazard and Reactivity Hazard</u>: Refer to definitions for "Hazardous Materials Identification System."

FLAMMABILITY LIMITS IN AIR:

Much of the information related to fire and explosion is derived from the National Fire Protection Association (NFPA). Flash Point – minimum temperature at which a liquid gives off sufficient vapors to form an ignitable mixture with air. Autoignition Temperature: The minimum temperature required to initiate combustion in air with no other source of ignition. LEL—the lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source. UEL—the highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source.

TOXICOLOGICAL INFORMATION:

Human and Animal Toxicology: Possible health hazards as derived from human data, animal studies, or from the results of studies with similar compounds are presented. Definitions of some terms use dint his section are: LD₅₀ – Lethal Dose (solids & liquids) which kills 50% of the exposed animals; LC50 – Lethal concentration (gases) which kills 50% of the exposed animals; ppm - concentration expressed in parts of material per million parts of air or water; mg/m³- concentration expressed in weight of substance per volume of air; mg/kg quantity of material, by weight, administered to a test subject, based on their body weight in kg. Other measures of toxicity include \mathbf{TD}_{lo} , the lowest dose to cause a symptom and **TCLo** the lowest concentration to cause a symptom; \textbf{ID}_{lo} , \textbf{LD}_{lo} , and \textbf{LD}_{o} , or IC, \textbf{IC}_{o} , \textbf{LC}_{lo} , and \textbf{LC}_{o} , the lowest dose (or concentration) to cause lethal or toxic effects. Cancer Information: The sources are: IARC - the International Agency for Research on Cancer; NTP - the National Toxicology Program, RTECS - the Registry of Toxic Effects of Chemical Substances, OSHA and CAL/OSHA. IARC and NTP rate chemicals on a scale of decreasing potential to cause human cancer with rankings from 1 to 4. Sub rankings (2A, 2B, etc.) are also used. Other Information: BEI - ACGIH Biological Exposure Indices, represent the levels of determinants which are most likely to be observed in specimens collected from a health worker who has been exposed to chemical to the same extent as a worker with inhalation exposure to the TLV. Ecological Information: EC is the effect concentration in water. BCF - Bioconcentration Factor, which is used to determine if a substance will concentrate in life forms that consume contaminated plant or animal matter. TL_m - median threshold limit; Coefficient of Oil/Water Distribution is represented by log Kow or log Koc and is used to assess a substance's behavior in the environment.

REGULATORY INFORMATION:

U.S. and CANADA: This section explains the impact of various laws and regulation of the material. **EPA** is the U.S. Environmental Protection Agency. **WHMIS** is the Canadian Workplace Hazardous Material Information System. **DOT** and **TC** are the U.S. Department of Transportation and Transport Canada, respectively. Superfund Amendments and Reauthorization Act (**SARA**); the Canadian Domestic/Non-Domestic Substance List (**DSL/NDSL**); the U.S. Toxic Substance Control Act (**TSCA**); Marine Pollutant status according to the DOT; the Comprehensive Environmental Response, Compensation, and Liability Act (**CERCLA or Superfund**); and various state regulations. This section also includes information on the precautionary warnings that appear on the material's package label.

EUROPEAN and INTERNATIONAL: EC is the European Community, formerly known as the EEC, European Economic Community). **EINECS:** This is the European Inventory of Now-Existing Chemical Substances. **AICS** is the Australian Inventory of Chemical Substances. **MITI** is the Japanese Minister of International Trade and Industry. **ECL** is the Korean Existing Chemicals List. **IMO** is the International Maritime Organization and **IATA** is the International Air Transport Association. The **ARD** is the European Agreement Concerning the International Carriage of Dangerous Goods by Road and the **RID** are the International Regulations Concerning the Carriage of Dangerous Goods by Rail.

FLAMMABILITY

HEALTH

SPECIAL

PRECAUTIONS