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CND-N-052

Prepared to OSHA, ACC, ANSI and WHMIS Standards

MSDS Revision Date 11/01/2002

	1 PRODUCT IDENTIFICATION
	1. PRODUCT IDENTIFICATION
1.1	Product Name:
	CU RENU
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 (6245)

2. COMPOSITION & INGREDIENT INFORMATION

			EXPOSURE LIMITS IN AIR					
	CAS NO.	%	ACGIH		OSHA			OTHER
CHEMICAL NAME(S)			TLV ppm	STEL ppm	PEL ppm	STEL ppm	IDLH ppm	
WATER	7732-18-5		NE	NE	NE	NE	NE	
EMULSIFYING WAX	NA	< 10.0	NE	NE	NE	NE	NE	
PPG-2 MYRISTYL ETHER PROPIONATE	74775-06-7	< 10.0	NE	NE	NE	NE	NE	
HYBRID SUNFLOWER OIL	68956-68-3	< 10.0	NE	NE	NE	NE	NE	
BUTYLENE GLYCOL	107-88-0	< 5.0	NE	NE	NE	NE	NE	
MACADAMIA INTEGRIFOLIA SEED OIL	159518-86-2	< 5.0	NE	NE	NE	NE	NE	
GLYCERIN	56-81-5	< 2.0	15 mg/m ³	NE	15 mg/m ³	NE	NE	
PROPYLENE GLYCOL	57-55-6	< 1.0	NE	NE	NE	NE	NE	
PANTHENOL	16485-10-2	< 1.0	NE	NE	NE	NE	NE	
TOCOPHERYL ACETATE (VITAMIN E)	58-95-7	< 1.0	NE	NE	NE	NE	NE	
METHYLPARABEN	99-76-3	< 1.0	NE	NE	NE	NE	NE	
ALLANTOIN	97-59-6	< 1.0	NE	NE	NE	NE	NE	
OTHER COMPONENTS PRESENT IN LESS THAN 1% CONCENTRATION		BALANCE	NE	NE	NE	NE	NE	

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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Prep	Prepared to OSHA, ACC, ANSI and WHMIS Standards MSDS Revision Date 11/01/2002								
			2 1147400	IDENT	FICATION				
			3. HAZARD	IDENII	FICATION				
3.1	Hazard Identificati	on:							
3.2	Routes of Entry:		Inhalation:	NO	Absorption:	YES	Ingestion:	١	YES
3.3	Effects of Exposure		_						
	INGESTION:	If product is swallowed	•		•				
	SKIN & EYES:	Mildly irritating to eyes	s. May be irritating	to skin on s	sensifive individud	IIS.			
3.4	Symptoms of Over	•		والمرادة					
		skin overexposure in so in eyes may cause rednes			y include reane:	ss, irching, a	na imiation of	allectea	areas.
3.5	Acute Health Effec		· <u> </u>						
		to eyes and skin near affec	ted areas in some s	sensitive in	dividuals				
3.6	Chronic Health Eff	^t ects: however, Methylparaben o	and Butvlene Glyco	l containe	d in verv small au	antities in this	product may b	e mild a	llergens
		tive individuals.	and borylene oryeo	n, comanic	a iii very siriaii qu		product, may b	oc mila a	licigens
3.7	Target Organs:								
	Eyes & skin								
			4. FIRST	AID AAE	ACHDEC				
4.1	First Aid:		4. FIKSI /	AID ME	ASUKES				
4.1	INGESTON:	If ingested, do not induce	vomiting. Drink p	lenty of wo	ıter or milk IMMED	DIATELY. If the	patient is vomi	tina. con	tinue to
		offer plenty of water or m	nilk. Never give w	ater or mil	k to an unconsci	ous person. (Contact Rocky	Mountain	Poison
		Control at 1-303-623-5716 the time and amount of th				emergency r	number. Provid	e an esti	mate of
	EYES & SKIN:	Splashes are not likely; he				h copious an	nounts of lukew	arm wate	er for at
		least 15 minutes. Open o	and close eyelid(s)	to ensure	thorough irrigatio	n. If irritation	occurs, contac	t a physi	cian. If
		irritation occurs when pro- the affected area with w							
		cleaned. If irritation, redn					oniii dilei ii ild	3 Deen F	Jopeny
4.2	Medical Condition None known.	ns Aggravated by Exposure:				HEALTH			1
	None known.					FLAMMA	BILITY		0
	REACTIVITY 0					0			
						PROTECTIVE EQUIPMENT			
[I	ı	
			5. FIREFIGH	HTING A	MEASURES				
5.1	Flashpoint & Metho	od:							
	ND. Non-flam								
5.2	Autoignition Temp								
5.3	Flammability Limits		Lower Explosive Li	imit (LEL):	NA	Upper Explo	sive Limit (UEL):		NA
5.4	Fire & Explosion Ha	nzards:	, J. 1 Ap. 66. 10 Li	\	1 - 25 -		Í		
		s not flammable. If involve		oduct may	decompose to		BLUE =	FLAMMABILI HEALTH	
5.5	produce carb Extinguishing Meth	oon oxide gases and nitroge	en oxide gases.			0		W = REACTI = SPECIAL N	
5.5		alon, Dry Chemical					0 o = NO) HAZARD	
5.6	Firefighting Proced	· · · · · · · · · · · · · · · · · · ·					1 = MI	NIMAL HAZA GHT HAZARD	
	•	s not flammable. If involved					3 = M0	oderate ha Vere hazar	ZARD
		n and SCBAs and other pro ntering storm drains, waterw					4 = SE	V LNL HAZAK	٥
		d clothing and equipment							
	before returni			• •	-				



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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. Appropriate personal protective equipment should be worn when working with large quantities (> 1 gallon) of this material.

7.2 Storage & Handling:

Store all 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.

Large containers (> 5 gallons) should be stored on spill pallets, if possible. Spilled material and absorbent should be stored in closed plastic or metal receptacles and managed and disposed of in accordance with applicable federal, state and local waste requirements.

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 (> 1 gallon), 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., \geq 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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9. PHYSICAL & CHEMICAL PROPERTIES 17. Density NE 18. Melting Potett NE 19. Melting Melting Ne 19.	Pre	pared to OSHA, ACC,	ANSI and WHMIS Standards MSDS Revision Date 11/01/2002
Section Stable			
Stability Stab			9. PHYSICAL & CHEMICAL PROPERTIES
September NE Ne	9.1	Density:	
Net		<u> </u>	
9.8 Molecular Weight NE 9. Appearance & Colors Pole blue colored cream 9. Appearance & Colors Pole blue colored cream 9. Odor Prevision NE 9. Southlibry NE 9. Mostly Soluble in water 9. NE 9. Mostly Soluble in water Soluble in water 9. NE 9. Mostly Soluble in water ambient conditions when stored property (see Section 7, Storage and Handling). 9. Mostly Data Reparation: NA 9. Mostly Data Reparation: Will not occur. 9. Mostly Data Reparation: Will not occur. 9. Incompatible Substances: Exposure to or contact with extreme temperatures and incompatible chemicals such as strong oxidizers and corrosive substances. 9. Incompatible Substances: This product is incompatible with streme temperatures and incompatible chemicals such as strong oxidizers and corrosive substances. 9. Incompatible Substances: 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. 9. See Section 3.5 9. Reproductive Mostly: None 11. Reproductive in the product is not reported to produce embryoloxic effects in humans. 12. Reproductive Mostly: This product is not reported to produce embryoloxic effects in humans. 13. Intercept Product: This product is not reported to cause reproductive effects in humans. 14. Reproductive Mostly: This product is not reported to cause reproductive effects in humans. 15. Reproductive Mostly: This product is not reported to cause reproductive effects in humans. 16. Reproductive Mostly: This product is not reported to cause reproductive effects in humans. 17. Recognitive This product is not reported to cause reproductive effects in humans. 18. Reproductive Mostly: This product is not reported to cause reproductive effects in humans. 18. Reproductive			
NE Negotimes & Color Pole blue colored cream		,	
97 Appearance & Cotor Pale blue colored cream 98 Odor Threshold NE 91 Solutility Mostly soluble in water 911 Viscoity NE 912 Other Information NE ***********************************			
Mostly soluble in water		×	Pale blue colored cream
Mostly soluble in water	9.8	Odor Threshold:	
Pit	9.9	Solubility:	
Other Information: Other I	9.10	,	
10. STABILITY & REACTIVITY	9.11	•	
10. STABILITY & REACTIVITY 10.1 Stability: 10.2 Hazardous Decomposition Products: 10.4 Products: 10.5 Hazardous Decomposition Products: 10.5 Hocolaris Avoid: 10.6 Mill not occur. 10.6 Conditions to Avoid: 10.7 Inis 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 saits, and water reactive materials. 10.5 Incompatible Substances: 10.6 Exposure to or contact with extreme temperatures and incompatible chemicals such as strong oxidizers and corrosive substances. 11.1 TOXICOLOGICAL INFORMATION 11.1 Toxicity Data: 11.2 Acute Toxicity: 11.3 Chronic Toxicity: 11.4 Suspected Carcinogen: 11.5 Reproductive Toxicity: 11.6 Reproductive Toxicity: 11.7 None 11.8 Product is not reported to produce embryotoxic effects in humans. 11.8 Introductive Toxicity: 11.9 This product is not reported to produce embryotoxic effects in humans. 11.6 Intrancy of Product: 11.7 Reported Exposure Indices: 11.8 Product Exposure Indices: 11.9 Reproductive Toxicity: 11.10 This product is not reported to cause reproductive effects in humans. 11.1 This product is not reported to cause reproductive effects in humans. 11.1 This product is not reported to cause reproductive effects in humans. 11.6 Intrancy of Product: 11.7 Reported Exposure Indices: 11.8 Prepician Recommendations 11.9 Treat symptomatically. 11.1 This product will slowly volatile from soil. Components of this product will slowly decompose into organic compounds. 11.1 This product will slowly volatile from soil. Components of this product. 11.9 Environmental Stobility: 11.1 This product will slowly volatile from soil. Components of this product. 11.1 This product will slowly volatile from soil. Components of this product.		•	INC.
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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	N
	basic description (proper shipping name, hazard class & division, ID Number, packing group	1 /
	ditional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDC	GR.
14.1	49 CFR (GND):	
	NOT REGULATED	
14.2	IATA (AIR):	
140	NOT REGULATED	
14.3	IMDG (OCN): NOT REGULATED	
14.4	TDGR (Canadian GND):	
14.4	NOT REGULATED	
	TO THE OWN THE	
	15. REGULATORY INFORMATION	
15.1	SARA Reporting Requirements:	
10.1	NA	
15.2		
	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):	
	There are no specific Reportable Quantities for the components of this product.	
15.5	· ·	
	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.	
15.7	State Regulatory Information:	
	No components of this product are listed on the California Proposition 65.	



http://www.shipmate.com/

MATERIAL SAFETY DATA SHEET

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	16. OTHER INFORMATION					
16.1	1 Other Information:					
	Use only as directed. Discontinue use immediately if	rritation develops.				
16.2	2 Terms & Definitions:					
	See page 7 of this MSDS.					
16.3	3 Disclaimer:					
	government regulations must be reviewed for app knowledge, the information contained herein is relia are not guaranteed and no warranties of any type	nt to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other blicability to this product. To the best of ShipMate's & Creative Nail Design's ble and accurate as of this date; however, accuracy, suitability or completeness, either expressed or implied, are provided. The information contained herein duct(s) is combined with other materials, all component properties must be e. Be sure to consult the latest edition.				
16.4	Creative Nail Design, Inc. 1125 Joshua Way Vista, CA 92083 800-833-NAIL (6245) phone 760-599-4005 fax	EATIVE				
16.5	5 Prepared by: ShipMate, Inc. 18436 Hawthorne Blvd, Suite 201 Torrance, CA 90504 310-370-3600 phone 310-370-5700 fax	ShipMate* Dangerous Goods 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 (Federal Register: 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: <u>Health Hazard</u>: 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>Flammabllity 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; TD_{Io}, LD_{Io}, and LD_o, or TC, TC_o, LC_{Io}, and 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. TLm - 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