



MATERIAL SAFETY DATA SHEET

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CND-N-056

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards

MSDS Revision: 5.0

MSDS Revision Date: 05/01/2007

1. PRODUCT IDENTIFICATION

1.1	Product Name: SOLARSILK
1.2	Chemical Name: AQUEOUS LOTION
1.3	Synonyms: SOLAR SILK ULTRA RICH FORMULA
1.4	Trade Names: SOLARSILK
1.5	Product Use: COSMETIC USE ONLY
1.6	Distributor's Name: CREATIVE NAIL DESIGN, INC.
1.7	Distributor's Address: 1125 JOSHUA WAY, VISTA, CA USA 92081
1.8	Emergency Phone: CHEMTREC: +1 (800) 424-9300 / +1 (703) 527-3887
1.9	Business Phone: 800-833-NAIL (6245), 760-599-2900

2. HAZARD IDENTIFICATION

2.1	Hazard Identification: This product is classified as a hazardous substance but not as dangerous goods according to the classification criteria of NOHSC and ADG Code (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. EYES: Slightly irritating to the eyes. SKIN: May be irritating to skin in some sensitive individuals. INHALATION: Inhalation is very unlikely.						
2.4	Symptoms of Overexposure: SKIN: Symptoms of overexposure may include redness, itching, and irritation.						
2.5	Acute Health Effects: SKIN: Redness, itching, and irritation of skin at the site of contact for some sensitive individuals.						
2.6	Chronic Health Effects: No chronic health effects are known.						
2.7	Target Organs: Skin, eyes.						

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		OSHA			OTHER
					TLV ppm	STEL ppm	PEL ppm	STEL ppm	IDLH ppm	
WATER	7732-18-5	ZC0110000	231-791-2	> 75.0	NE	NE	NE	NE	NE	
HELIANTHUS ANNUUS OIL	68956-68-3	YX1850000	273-313-5	< 10.0	NE	NE	NE	NE	NE	
SIMMONDSIA CHINENSIS OIL	61789-91-1	NY9262700	296-292-4	< 5.0	NE	NE	NE	NE	NE	10 aerosol
CETEARYL ALCOHOL	9005-67-8	WG2934000	267-008-6	< 3.0	NE	NE	NE	NE	NE	
GLYCERIN	56-81-5	MA8050000	231-211-8	< 3.0	NE	(10)	NE	(10)	NE	
DIMETHICONE	63148-62-9	JJ6484500	215-648-1	< 3.0	NE	NE	NE	NE	NE	
GLYCERYL STEARATE	11099-07-3	RG1925000	250-705-4	< 2.0	NE	NE	NE	NE	NE	
PEG-100 STEARATE	9004-99-3	TQ5800000	NA	< 2.0	NE	NE	NE	NE	NE	
ORYZA SATIVA OIL	68553-81-1	NA	271-397-8	< 2.0	NE	NE	NE	NE	NE	
FRAGRANCE	NE	NE	NE	< 1.0	NE	NE	NE	NE	NE	
PROPYLENE GLYCOL	57-55-6	TY2000000	200-338-0	< 1.0	NE	NE	NE	NE	NE	
DIAZOLIDINYL UREA	78491-02-8	NA	NA	< 1.0	NE	NE	NE	NE	NE	
METHYLPAPABEN	99-76-3	NA	202-785-7	< 1.0	NE	NE	NE	NE	NE	
PROPYLPARABEN	94-13-3	NA	202-307-7	< 1.0	NE	NE	NE	NE	NE	
SODIUM HYDROXIDE	1310-73-2	WB4900000	215-185-5	< 0.05	NE	NE	NE	NE	NE	
OTHER COMPONENTS PRESENT IN LESS THAN 1% CONCENTRATION				BAL	THE REMAINING COMPONENTS DO NOT CONTRIBUTE ANY SIGNIFICANT ADDITIONAL HAZARDS					

4. FIRST AID MEASURES

4.1	First Aid: INGESTION: If ingested, do not induce vomiting. Drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer plenty of water or milk. Never give water or milk to an unconscious person. Contact ChemTrec at +1 (703) 527-3887 or the nearest Poison Control Center or local emergency number. Provide an estimate of the time and 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.
4.2	Medical Conditions Aggravated by Exposure: None known.

5. FIREFIGHTING MEASURES

5.1	Flashpoint & Method: NA
5.2	Autoignition Temperature: NA
5.3	Flammability Limits: Lower Explosive Limit (LEL): NA Upper Explosive Limit (UEL): NA
5.4	Fire & Explosion Hazards: This product is non-flammable.
5.5	Extinguishing Methods: NA
5.6	Firefighting Procedures: NA





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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). 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. Maximize ventilation (open doors and windows). Dike and contain spill with inert material (e.g., sand or earth). Transfer spilled material to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing. 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:
Use and store in a cool, dry location away from direct sunlight or sources of intensive heat.

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:
General mechanical (e.g., fans) or natural ventilation is sufficient when this product is in use.

8.2 Respiratory Protection:
None required under normal conditions of use.

8.3 Eye Protection:
None required under normal conditions of use. 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. When handling large quantities (e.g., ≥ 1 gallon), wear rubber or impervious plastic gloves.

8.5 Body Protection: None required under normal conditions of use. 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.	HEALTH	1
	FLAMMABILITY	0
	REACTIVITY	0
	PROTECTIVE EQUIPMENT	

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Density:	ND
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:	Pale yellow, opaque lotion.
9.8 Odor Threshold:	ND
9.9 Solubility:	Slightly soluble
9.10 pH	6.6 to 6.8
9.11 Viscosity:	150,000 - 300,000 cps
9.12 Other Information:	NA

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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:	Excessive heat and direct sunlight.
10.5	Incompatible Substances:	None known or reported.

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 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:	Can irritate skin in some sensitive individuals.
11.7	Biological Exposure Indices:	NE
11.8	Physician Recommendations:	Treat symptomatically.

12. ECOLOGICAL INFORMATION

12.1	Environmental Stability:	This product will slowly volatilize from soil. Components of this product will slowly decompose into organic compounds.
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:	NA

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.



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	

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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 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: No components of this mixture are listed in the California Proposition 65 Lists.
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:

16. OTHER INFORMATION

16.1	Other Information: WARNING: Use only as directed. Discontinue use immediately if irritation develops.	
16.2	Terms & Definitions: 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 & 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.	
16.4	Prepared for: Creative Nail Design, Inc. A Division of Colomer U.S.A., Inc. 1125 Joshua Way Vista, CA 92081 USA 800-833-NAIL (6245) phone 760-599-2900 760-599-4005 fax http://www.cnd.com/	
16.5	Prepared by: ShipMate, Inc. 18436 Hawthorne Blvd., 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:

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:

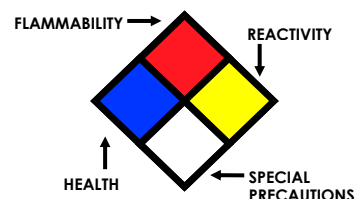
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
UEL	Upper Explosive Limit - highest percent of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

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 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:

LD₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC₅₀	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD₁₀	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD₁₀, LD₁₀, & LD₅₀ or TC, TC₀, LC₁₀, & LC₅₀	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