

Vitamin A (retinol microcaps)


Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 06-09-2020
Supersedes: 10-30-2015

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Vitamin A microcaps	Distributor:	MakingCosmetics.com Inc.
Synonyms:		Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Aqua, glycine soja, retinol, cellulose gum, acrylates/ c10-30 alkyl acrylate crosspolymer, chitosan, glycolic acid, polysorbate 20, sorbitan oleate, BHT, ethylhexylglycerin, triethanolamine, phenoxyethanol	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	7732-18-5, 8001-22-7, 68-26-8, 9004-32-4, 9012-76-4, 79-14-1, 9005-64-5, 1338-43-8, 128-37-0, 70445-33-9, 102-71-6, 122-99-6	Web:	www.makingcosmetics.com
Formula:	N/a	Emergency Telephone Number: 1-800-424-9300 (Chemtrec)	
Product Form:	Liquid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

GHS Classification (Retinol):	Skin Sens. 1, Eye Irrit. 2, Repr. 1B, Aquatic Chronic 4												
GHS Signal Word (Retinol):	WARNING												
GHS Hazard Pictograms (Retinol):													
GHS Hazard Statements (Retinol):	H317: May cause an allergic skin reaction H319: Causes serious eye irritation H360: May damage fertility or the unborn child H413: May cause long lasting harmful effects to aquatic life												
GHS Precautionary Statements:	P301: If swallowed get medical attention if you feel unwell												
Potential Health Hazards:	Eyes: May be irritant. Inhalation: Not expected to be irritant. Skin: May be irritant. Ingestion: May be irritant.												
NFPA Ratings (704):	<table border="0"> <tr> <td>Health</td> <td>1</td> <td>Slight</td> </tr> <tr> <td>Flammability</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Reactivity</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td>n/a</td> <td></td> </tr> </table>	Health	1	Slight	Flammability	0	Minimal	Reactivity	0	Minimal	Specific Hazard	n/a	
Health	1	Slight											
Flammability	0	Minimal											
Reactivity	0	Minimal											
Specific Hazard	n/a												

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Aqua	7732-18-5	60-100%	
Glycine Soja	8001-22-7	5-10%	
Retinol	68-26-8	1-2%	
Cellulose Gum	9004-32-4	<2%	
Acrylates/ C10-30 Alkyl Acrylate Crosspolymer		<1.0%	
Chitosan	9012-76-4	<1%	
Glycolic Acid	79-14-1	<1%	
Polysorbate 20	9005-64-5	<1%	
Sorbitan Oleate	1338-43-8	<1%	
BHT	128-37-0	<1%	

Ethylhexylglycerin	70445-33-9	<1%
Triethanolamine	102-71-6	<2%
Phenoxyethanol	122-99-6	1%

4 FIRST AID MEASURES

Eyes:	Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. If irritation persists get medical attention.
Inhalation:	Remove from area of exposure. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist.
Skin:	Wash off skin with soap and water. Get medical attention if irritation develops or persists.
Ingestion:	Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult physician immediately.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	Water spray, foam, dry chemicals, carbon dioxide
Special protective equipment & precautions for firefighters:	Firefighters should wear full firefighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.
Flash Points:	> 200°F
Specific hazards arising from the chemical:	None known.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Isolate spill area immediately. Keep unauthorized personnel away.
Methods and material for containment and cleaning up:	Ventilate closed spaces before entering. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, basements or confined areas. Surface may become slippery after spillage. Use vacuum or broom sweeping and remove to disposal container. If damp, flush with water.

7 HANDLING & STORAGE

Precautions for safe handling:	Avoid contact with eyes. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.
Conditions for safe storage, incl. any incompatibilities:	Avoid sunlight exposure. Avoid freezing or excessive heat. Do not handle or store near an open flame, heat or other sources of ignition. Keep the container tightly closed and in a cool, well-ventilated place.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Retinol	Data unavailable		
TWA: Time Weighted Average over 8 hours of work. TLV: Threshold Limit Value over 8 hours of work. REL: Recommended Exposure Limit PEL: Permissible Exposure Limit		STEL: Short Term Exposure Limit during x minutes. IDLH: Immediately Dangerous to Life or Health WEEL: Workplace Environmental Exposure Levels CEIL: Ceiling	

Personal Protection:

Eyes:	Wear safety glasses
Inhalation:	In case of open handling of larger quantities wear particle mask or respirator.

Body: Wear protective gloves.
Other: Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	Emulsion	Vapor Pressure:	Undetermined
Odor:	Neutral odor	Vapor Density:	1.0g/cm ³
Taste:	Undetermined	Evaporation Rate:	Undetermined
Color:	Light yellow	Flammability:	Undetermined
Molecular Weight:	See section 3	Upper/lower Explosive Limit:	Undetermined
pH (1% sol. in water)	5.5	Solubility:	Soluble in water
Boiling Point:	Undetermined	Specific Gravity:	Undetermined
Melting Point:	Undetermined	Flash Point:	>200°F

10 STABILITY AND REACTIVITY

Reactivity: Product is stable under normal conditions
Chemical Stability: Product is stable under normal conditions
Hazardous Polymerization: Will not occur
Conditions to Avoid: Undetermined
Incompatible Materials: Oxidizers, bases, strong acids
Hazardous Decomposition Products: None if used for intended purpose. No decomposition if used according to specifications.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: LD50 > 2000 mg/kg body weight
Skin: None known
Eyes: None known
Respiratory: None known
Ingestion: None known
Carcinogenicity: Not available
Teratogenicity: Not available
Germ Cell Mutagenicity: Not available
Embryotoxicity: May cause birth defects based on animal data. Pregnant women should exercise caution regarding exposure.
Specific Target Organ Toxicity: Not available
Reproductive Toxicity: Not available
Respiratory/Skin Sensitization: Not available

12 ECOLOGICAL INFORMATION

Ecotoxicity
Aquatic Vertebrate: Not available
Aquatic Invertebrate: Not available
Terrestrial: Not available
Persistence and Degradability: Not available
Bioaccumulative Potential: Not available
Mobility in Soil: Not available
PBT and vPvB Assessment: Not available
Other Adverse Effects: Not available

13 DISPOSAL CONSIDERATIONS

Waste Residues: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

Product Containers: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not regulated
TDG (Transportation of Dangerous Goods, Canada):	Not regulated
IMDG (International Maritime Dangerous Goods):	Not regulated
IATA (International Air Transport Association):	Not regulated
ICAO (International Civil Aviation Organization):	Not regulated

15 REGULATORY INFORMATION

DSCL (EEC):	This product is not classified according to the EU regulations. Not applicable.
WHMIS (Canada):	Not controlled under WHMIS (Canada)

16 OTHER INFORMATION

Revision Date: 09-24-2015

Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.