

Citrus Combo


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

Revision Date: 08/19/2015
Supersedes: N/A

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Citrus Combo	Distributor:	MakingCosmetics.com Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE
INCI Name:	Glycerin, Citric Acid, Lactic Acid, L-ascorbic Acid, Didecylidimonium Chloride		Redmond, WA 98053 (USA)
CAS Number:	56-81-5, 77-92-9, 50-21-5, 50-81-7, 7173-51-5	Phone / Fax:	425-292-9502 / 425-292-9601
Formula:	No data available	Web:	www.makingcosmetics.com
Product Form:	Liquid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Signal Word:	WARNING												
GHS Classification:	Skin Irrit. 2, Eye Irrit. 2												
GHS Hazard Pictograms:													
GHS Hazard Statements:	H315: Causes skin irritation H320: Causes eye irritation												
GHS Precautionary Statements:	P264: Wash skin thoroughly after handling P305: If in eyes rinse cautiously with water for several minutes. Remove contact lenses.												
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 style="background-color: #0070C0; color: white;">Health</td> <td>1</td> <td>Slight</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">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>
Glycerin	56-81-5	74-80%	92.09 g/mol
Citric Acid	77-92-9	1-5%	192.13 g/mol
Lactic Acid	50-21-5	1-5%	90.08 g/mol
L-Ascorbic Acid	50-81-7	1-5%	176.12 g/mol
Didecylidimonium Chloride	1812-53-9	7-13%	494.9416 g/mol

4 FIRST AID MEASURES

Eyes:	In case of eye contact, rinse with plenty of water and seek medical attention if necessary
Inhalation:	Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if necessary.
Skin:	Flush with plenty of water and wash using soap.
Ingestion:	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention if necessary.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	No data available
Specific hazards arising from the chemical:	May emit toxic fumes under fire conditions. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Not available
Methods and material for containment and cleaning up:	Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and clean-up materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
Conditions for safe storage, incl. any incompatibilities:	Store in cool, dry well ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Citrus Combo	No data available		

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:	Chemical safety glasses or goggles.
Inhalation:	Not needed under normal conditions of use but a disposable face mask can be used.
Body:	Protective gloves and slip proof shoes may be worn where spills may occur.
Other:	Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	Viscous liquid	Vapor Pressure:	No data available
Odor:	Slight, citric	Vapor Density:	No data available
Taste:	No data available	Evaporation Rate:	No data available
Color:	Light yellow	Flammability:	May be combustible
Molecular Weight:	No data available	Viscosity:	50-1000 CPS (Spindle #1, 1.5rpm)
pH (10% solution)	1.5-3.0	Flash Point:	No data available

Boiling Point:	No data available	Specific Gravity:	No data available
Melting Point:	No data available	Solubility:	100 % soluble in water

10 STABILITY AND REACTIVITY

Reactivity:	Product is stable
Chemical Stability:	Product is stable
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Avoid direct light; hot, humid areas
Incompatible Materials:	Oxygen, metals, alkali products
Hazardous Decomposition Products:	None known

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Unknown, but oral toxicity likely to be very low based on long use history of product ingredients.
Chronic Toxicity:	Unknown, but likely very low based on long use history of product ingredients and application at recommended dosage levels.
Skin:	May cause mild irritation to skin
Eyes:	May cause mild irritation to eyes
Respiratory:	No data available
Ingestion:	No data available
Carcinogenicity:	Not carcinogenic
Teratogenicity:	No data available
Germ Cell Mutagenicity:	Not mutagenic
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	No data available
Reproductive Toxicity:	Unknown, but not likely at recommended dosage levels and based on long use history of product ingredients.
Respiratory/Skin Sensitization:	No data available
Cytotoxicity:	No cytotoxicity on bacterial or human cell lines. LC50 in HepGs human liver cells is 0.0026%. LC50 in HepGs human colon cells is 0.001%.

12 ECOLOGICAL INFORMATION

Ecotoxicity	
Fish toxicity:	EC50 Brachydanio reiro: 10 - 100 mg/L (OECD 203) NOEC Brachydanio reiro: 10 mg/L
Earth worm toxicity:	50EC Eisenia fetida: >100 mg/kg. soil (OECD 207) NOEC Eisenia fetida: >100 mg/kg. soil
Water lice toxicity:	EC50 Daphnia magna: 50000 ng/L (OECD 202) NOEC Daphnia magna: 10000 ng/L
Green algae toxicity:	EC50 Raphidocelis subcapitata: 7500 ng/L (OECD 203) NOEC Raphidocelis subcapitata: 750 ng/L
Nitrification inhibition test:	EC40 961 mg/L (NOEC 320 mg/L)
Respiration inhibition test:	EC50 3300 mg/L (NOEC: 1000 mg/L)
Honey bees toxicity:	Oral (24h): 4551.5 µg/bee Oral (48h): 1930.8 µg/bee Contact (24h): 582.9 µg/bee Contact (48h): 179.9 µg/bee
Persistence and Degradability:	Jeequat MCA-1 20% bioeliminates by 100% in 28 days (OECD 302 B Zah-Wellens/EMPA Test (1992))

	Jeequat MCA-1 20% bioeliminates by 92.8% in 28 days (ASTM)
Bioaccumulative Potential:	No data available
Mobility in Soil:	No data available
PBT and vPvB Assessment:	No data available
Other Adverse Effects:	No data 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 classified by transport regulations. This product is not considered a dangerous material, so it is classified as non-hazardous for transportation purposes. No special precautions are required.

15 REGULATORY INFORMATION

TSCA Inventory Status:	No data available
DSCL (EEC):	No data available
WHMIS (Canada):	No data available

The components in this product are listed in the International Dictionary for Cosmetic Ingredients and are acceptable in cosmetic formulations globally.

16 OTHER INFORMATION

Revision Date:	08-19-2015
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.