

Tomato Lycopene

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

Revision Date: 08-25-2015
Supersedes: 12-30-2013

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Tomato Lycopene	Distributor: MakingCosmetics.com Inc.
Synonyms:	Address: 10800 231 st Way NE
INCI Name: Prunus armeniaca (apricot) kernel oil, solanum lycopersicum (tomato) fruit/leaf/stem extract	Redmond, WA 98053 (USA)
CAS Number: 68650-44-2, 90131-63-8, 8001-21-6, 84604-14-8	Phone / Fax: 425-292-9502 / 425-292-9601
Formula: C ₄₀ H ₅₆	Web: www.makingcosmetics.com
Product Form: Liquid	
Product Use: Cosmetic use	Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:	Not classified												
GHS Labeling:	Not classified												
GHS Hazard Pictograms:	None												
GHS Hazard Statements:	None												
GHS Precautionary Statements:	None												
Potential Health Hazards:	Eyes: Not irritant. Inhalation: Not expected to be irritant. Skin: Not irritant. Ingestion: Data not available.												
NFPA Ratings (704):	<table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td style="text-align: center;">0</td> <td>Minimal</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="text-align: center;">1</td> <td>Slight</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td style="text-align: center;">0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td style="text-align: center;">n/a</td> <td></td> </tr> </table>	Health	0	Minimal	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	n/a	
Health	0	Minimal											
Flammability	1	Slight											
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>
Prunus armeniaca (apricot) kernel oil	68650-44-2	75-99%	Not available
Solanum lycopersicum (tomato) fruit/leaf/stem extract	90131-63-8	0.1-1.0%	Not available
Sunflower seed oil	8001-21-6	<0.1%	Not available
Rosemary extract	84604-14-8	<0.1%	Not available

4 FIRST AID MEASURES

Eyes:	Flush eyes with water for 15 minutes. Seek medical advice should irritation occur and persist.
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:	Seek medical advice.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	Water spray, carbon dioxide, powder. Fight larger fires with water spray or alcohol resistant foam.
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:	Not available
Specific hazards arising from the chemical:	No data available

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:
Environmental precautions:
Methods and material for containment and cleaning up:

See section 8 for recommendations on the use of personal protective equipment. Avoid eye contact. Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.
 Do not allow product to reach sewage system or any water course.
 Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Pick up mechanically. Ensure adequate ventilation.

7 HANDLING & STORAGE

Precautions for safe handling:
Conditions for safe storage, incl. any incompatibilities:

Avoid contact with eyes. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed. Avoid prolonged or repeated exposure.
 Keep ignition sources away. Do not smoke.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Solanum lycopersicum (tomato) fruit/leaf/stem extract	Not determined		

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: Safety glasses, goggles or face shield recommended for eye protection.
Inhalation: Wear a NOISH approved organic vapor/mist respirator unless room is well ventilated.
Body: Gloves recommended to prevent skin contact.
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:	Oily	Vapor Pressure:	Not available
Odor:	Characteristic	Vapor Density:	Not available
Taste:	Not available	Evaporation Rate:	Not available
Color:	Orange	Flammability:	Not available
Molecular Weight:	536.89 g/mol	Upper/lower Explosive Limit:	Not available
pH (1% sol. in water)	Not available	Solubility:	Insoluble in water
Boiling Point:	Not available	Flash Point:	>200 °C
Melting Point:	Not available	Specific Gravity:	Not available

10 STABILITY AND REACTIVITY

Reactivity:	Product is stable
Chemical Stability:	Product is stable
Hazardous Polymerization:	None known
Conditions to Avoid:	None known
Incompatible Materials:	None known
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Acute oral toxicity (LD50) >5000 mg/kg (rat)
Skin:	Non-irritant
Eyes:	Non-irritant
Respiratory:	Non-irritant
Ingestion:	Data not available

Carcinogenicity:	Not available
Teratogenicity:	Not available
Germ Cell Mutagenicity:	Not available
Embryotoxicity:	Not available
Specific Target Organ Toxicity:	Not available
Reproductive Toxicity:	Not available
Respiratory/Skin Sensitization:	None known

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:	Must be disposed of in an incinerator. Storage and disposal must be in accordance with applicable local, state & federal disposal regulations. Compliance with applicable laws are the responsibility solely of the generator.
Product Containers:	Dispose of in a manner in accordance with local and national regulations. Packaging may be reused or recycled after cleaning.

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

TSCA Inventory Status:	No data available
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:	08-25-2015
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.