

Tomato Lycopene

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

Revision Date: 02-Dec-2024
Supersedes: 01-Dec-2023

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Tomato Lycopene	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Prunus Armeniaca (Apricot) Kernel Oil, Solanum Lycopersicum (Tomato) Fruit/Leaf/ Stem Extract		
CAS Number:	68650-44-2, 90131-63-8	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 Classification:	Not classified.		
GHS Labeling:	Not a dangerous substance according to GHS.		
GHS Hazard Pictograms:	None.		
GHS Hazard Statements:	None.		
GHS Precautionary Statements:	None.		
Potential Health Hazards:	Eyes: May be an irritant. Inhalation: Not expected to be an irritant. Skin: Not expected to be an irritant. Ingestion: May cause nausea, vomiting, or diarrhea.		
NFPA Ratings (704):	Health	N/A	N/A
	Flammability	N/A	N/A
	Reactivity	N/A	N/A
	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%	Not Available
Solanum Lycopersicum (Tomato) Fruit/Leaf/Stem Extract	90131-63-8	0.1 - 1%	Not Available
Helianthus Annuus Seed Oil	8001-21-6	<0.1	Not Available
Diacetyl tartaric acid esters of mono- and diglycerides	308068-42-0	<0.1	Not Available
Rosmarinus Officinalis (Rosemary) Leaf Extract	84604-14-8	<0.1	Not Available
Sunflower Seed Oil Glycerides	91723-16-9	<0.1	Not Available

4 FIRST AID MEASURES

Eyes:	Rinse eyes with water as a precaution. Treat symptomatically.
Inhalation:	Remove person to fresh air and keep comfortable for breathing. Treat symptomatically.
Skin:	Wash skin with plenty of water. Treat symptomatically.
Ingestion:	Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Call a poison center or a doctor if you feel unwell. Treat symptomatically.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperatures. Use appropriate media (water spray, dry powder, foam, carbon dioxide) for surrounding environment and adjacent fire. Do not use direct water jet.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	>392°F (>200°C)
Specific hazards arising from the chemical:	Toxic fumes may be released. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Ventilate spillage area. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	Take up liquid spill into absorbent material. Dispose of materials or solid residues at an authorized site. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Ensure good ventilation of the work station. Do not eat, drink or smoke when using this product. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Store in a well-ventilated place. Keep cool. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Source</u>
Rosmarinus Officinalis (Rosemary) Leaf Extract	4.17 mg/kg bodyweight/day (Long-term, systemic effects, dermal)	DNEL/DMEL (Workers)	European Chemicals Agency, http://echa.europa.eu/
	14.69 mg/m ³ (Long-term, systemic effects, inhalation)	DNEL/DMEL (Workers)	European Chemicals Agency, http://echa.europa.eu/
	2.5 mg/kg bodyweight/day (Long-term, systemic effects, oral)	DNEL/DMEL (General Population)	European Chemicals Agency, http://echa.europa.eu/
	4.35 mg/m ³ (Long-term, systemic effects, inhalation)	DNEL/DMEL (General Population)	European Chemicals Agency, http://echa.europa.eu/
	2.5 mg/kg bodyweight/day (Long-term, systemic effects, dermal)	DNEL/DMEL (General Population)	European Chemicals Agency, http://echa.europa.eu/

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
 DNEL: Derived No Effect Level

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling
 DMEL: Derived Minimal Effect Level

Personal Protection:

Eyes:	Wear safety glasses.
Inhalation:	Ensure good ventilation of the work station. In case of insufficient ventilation, wear suitable respiratory equipment.
Body:	Wear suitable protective gloves and full suitable protective clothing.
Other:	Use good personal hygiene practices. Avoid release to the environment. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Oily liquid	Vapor Pressure:	No data available
Odor:	Characteristic	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Orange	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	>392°F (>200°C)
Boiling Point:	No data available	Specific Gravity:	No data available
Melting/Freezing Point:	No data available	Solubility:	Water: Insoluble Ethanol: Soluble
Relative Density:	0.91 - 0.92	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Properties:	Product is not explosive
Oxidizing Properties:	No data available	Particle Characteristics:	Not applicable

10 STABILITY AND REACTIVITY

Reactivity:	The product is non-reactive under normal conditions of use, storage and transport.
Chemical Stability:	Stable under normal conditions.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	None under recommended storage and handling conditions (see section 7).
Incompatible Materials:	No data available.
Hazardous Decomposition Products:	On burning: release of carbon monoxide - carbon dioxide.
Possible Hazardous Reactions:	No dangerous reactions known under normal conditions of use.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	Not classified (The data is based on the toxicological properties of the components of the product).
Eyes:	Slightly irritating to rabbits on ocular application (Based on available data, the classification criteria are not met).
Inhalation:	Not classified (The data is based on the toxicological properties of the components of the product).
Ingestion:	Not classified (Based on available data, the classification criteria are not met). (Oral, Rat) LD50: > 5000 mg/kg (OECD 401 method).
Carcinogenicity:	Not classified (The data is based on the toxicological properties of the components of the product).
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	Not classified (The data is based on the toxicological properties of the components of the product).
Specific Target Organ Toxicity:	Not classified for single or repeated exposure (the data is based on the toxicological properties of the components of the product).
Reproductive Toxicity:	Not classified (The data is based on the toxicological properties of the components of the product).
Respiratory/Skin Sensitization:	Not classified (The data is based on the toxicological properties of the components of the product).
Skin Corrosion/Irritation:	Not irritating to rabbits on cutaneous application (Based on available data, the classification criteria are not met).
Aspiration Hazard:	Not classified (The data is based on the toxicological properties of the components of the product).

12 ECOLOGICAL INFORMATION

Ecotoxicity:	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.

Terrestrial:	No data available.
Persistence and Degradability:	Component: Prunus Armeniaca (Apricot) Kernel Oil: Readily Biodegradable (>90%). Component: Solanum Lycopersicum (Tomato) Fruit/Leaf/Stem Extract: Readily biodegradable. Component: Helianthus Annuus Seed Oil: Readily biodegradable.
Bioaccumulative Potential:	Accumulation in organisms is not to be expected for this product.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII.
Other Adverse Effects:	No data available.
Additional Information:	The ecotoxicological properties of this mixture are determined by the ecotoxicological properties of the single components (see section 3).

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.
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 for transport.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	Not regulated for transport.
IATA (International Air Transport Association):	Not regulated for transport.
ICAO (International Civil Aviation Organization):	Not regulated for transport.
ADR/RID (Road and Rail Transportation):	Not regulated for transport.
ADM (EU Inland Waterway Transportation):	Not regulated for transport.

15 REGULATORY INFORMATION

TSCA Inventory Status:	No data available.
REACH XVII Restriction List:	Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions).
REACH XIV Authorization List:	Contains no substance(s) listed on REACH Annex XIV (Authorization List).
REACH SVHC Candidate List:	Contains no substance(s) listed on the REACH Candidate List.
PIC Regulation:	Contains no substance(s) listed on the Prior Informed Consent list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals).
POP Regulation:	Contains no substance(s) listed on the Persistent Organic Pollutants list (Regulation EU 2019/1021 on persistent organic pollutants).
Ozone Regulation:	Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer).
Explosive Precursors Regulation:	Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors).
Drug Precursors Regulations:	Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances).
Chemical Safety Assessment:	A chemical safety assessment has been carried out.

16 OTHER INFORMATION

Revision Date:	02-Dec-2024
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

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