

Olive Hydroxytyrosol

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

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1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Olive Hydroxytyrosol	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Olea Europaea (Olive) Fruit Extract (and) Citric Acid	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	84012-27-1, 77-92-9, 5949-29-1	Web:	www.makingcosmetics.com
Formula:	No data available	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Liquid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

Regulation (EC) No 1272/2008	The mixture is classified as not hazardous according to regulation (EC) No 1272/2008		
[CLP] Classification:	[CLP].		
Labeling:	Not applicable		
Hazard Pictograms:	None		
Hazard Statements:	None		
Precautionary Statements:	None		
Potential Health Hazards:	Eyes: May be an irritant. Inhalation: May be an irritant. Skin: May be an irritant. Ingestion: May cause nausea, vomiting, and 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>
Olea Europaea (Olive) Fruit Extract	84012-27-1	87 - 89%	Not available
Citric Acid	77-92-9 / 5949-29-1	11 - 13%	Not available

4 FIRST AID MEASURES

Eyes:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.
Inhalation:	Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.
Skin:	Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.
Ingestion:	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (alcohol resistant foam, carbon dioxide, powder, spray mist, water) for adjacent fire. Do not use direct water jet.
Special protective equipment &	Wear self-contained, approved breathing apparatus and full protective clothing, including eye

precautions for firefighters:	protection and boots. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways.
Flash Points:	116°F (47°C)
Specific hazards arising from the chemical:	Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Keep away from sources of ignition. Ventilate affected area. Do not breathe vapors. 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. Notify environmental authorities in case of large leaks.
Methods and material for containment and cleaning up:	Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculite, diatomaceous earth) and collect it for disposal in appropriate containers. Clean using cleansing agents. Do not use solvents. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Vapors are heavier than air. Vapors form explosive mixtures with air. Avoid formation of flammable and explosive vapor concentrations in the air and exceeding the exposure limit values. Only use the material in places where open light, fire and other flammable sources can be kept away. Electrical equipment must be protected meeting the accepted standard. Keep away from heat sources, sparks and open flames. Use only spark proof tools. Avoid contact with skin, eyes and clothes. Do not inhale dusts, particulates and spray mist when using this preparation. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to section 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. 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:	Keep container tightly closed. Do not empty containers with pressure. No pressure vessel! Smoking is forbidden. Access only for authorized persons. Store carefully closed containers upright to prevent any leaks. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (TRGS 727)". Take care of instructions on label. Store in a well-ventilated and dry room at temperatures 41-104°F (5-40°C). Protect from heat and direct sunlight. Remove all sources of ignition. Keep 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>Entity</u>
Olive Hydroxytyrosol	Not 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:	Wear closely fitting protective glasses in case of splashes.
Inhalation:	If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used.
Body:	Use nitrile rubber gloves (Thickness: >0,4 mm; Breakthrough time: > 480 min) Penetration time of glove material depending on intensity and duration of exposure to skin. In no case should they be used after contact. Wear antistatic clothing of natural fibers (cotton) or heat-resistant synthetic fibers. After contact clean skin thoroughly with water and soap or use appropriate cleanser.
Other:	Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid	Vapor Pressure:	Not applicable
Odor:	Characteristic	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	No data available	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH at 20 °C:	3 / 10,0 weight-%	Flash Point:	116 °F (47 °C)
Boiling Point:	Not applicable	Specific Gravity:	No data available
Melting Point:	No data available	Solubility in Water:	Soluble
Relative Density at 20 °C:	1,00 g/cm ³	Auto-Ignition Temperature:	Not applicable
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity at 20 °C:	> 300 s 4 mm	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Solvent Separation Test:	< 3 weight-% (ADR/RID)

10 STABILITY AND REACTIVITY

Reactivity:	Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.
Chemical Stability:	Stable when applying the recommended regulations for storage and handling.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Stable when applying the recommended regulations for storage and handling. Further information on correct storage. Hazardous decomposition byproducts may form with exposure to high temperatures.
Incompatible Materials:	No data available.
Hazardous Decomposition Products:	Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Based on available data, the classification criteria are not met.
Skin:	Olea Europaea (Olive) Fruit Extract, Skin (4 hours).
Eyes:	No data available.
Respiratory:	Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: headache, dizziness, fatigue, amyosthenia, drowsiness, in serious cases: unconsciousness. Solvents may cause some of the afore mentioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.
Ingestion:	No data available.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	Based on available data, the classification criteria are not met.
Specific Target Organ Toxicity:	Based on available data, the classification criteria are not met.
Reproductive Toxicity:	Based on available data, the classification criteria are not met.
Respiratory/Skin Sensitization:	Based on available data, the classification criteria are not met.
Aspiration Hazard:	Based on available data, the classification criteria are not met.
CMR Properties:	The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

12 ECOLOGICAL INFORMATION

Ecotoxicity	Based on available data, the classification criteria are not met.
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	No data available.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.

PBT and vPvB Assessment: The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.
Other Adverse Effects: No data available.

13 DISPOSAL CONSIDERATIONS

Waste Residues: Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste. 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: Non-contaminated packages may be recycled. Vessels not properly emptied are special waste. 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): No data available.
TDG (Transportation of Dangerous Goods, Canada): No data available.
IMDG (International Maritime Dangerous Goods): No data available.
IATA (International Air Transport Association): No data available.
ICAO (International Civil Aviation Organization): No data available.
Special Precautions for User: Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

15 REGULATORY INFORMATION

TSCA Inventory Status: No data available.
Industrial Emissions Directive: Directive 2010/75/EU on industrial emissions VOC-value (in g/L): 100,000.
Restrictions of Occupation: Observe employment restrictions under the Maternity Protection Directive 92/85/EEC or stricter national regulations, if applicable. Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC) or stricter national regulations, if applicable.
Chemical Safety Assessment: Chemical safety assessments for substances in this mixture were not carried out.

16 OTHER INFORMATION

Revision Date: 02-Feb-2026
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.