

Octocrylene, USP

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

Revision Date: 16-Aug-2024
Supersedes: 05-Nov-2021

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Octocrylene, USP	Distributor:	MakingCosmetics Inc.
Synonyms:	2-ethylhexyl 2-cyano-3,3-diphenyl-2-propenoate	Address:	10800 231 st Way NE
INCI Name:	Octocrylene		Redmond, WA 98053 (USA)
CAS Number:	6197-30-4	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:	None												
GHS Hazard Pictograms:	None												
GHS Hazard Statements:	None												
GHS Precautionary Statements:	None												
Potential Health Hazards:	Eyes: May cause eye irritation Inhalation: May cause irritation of the respiratory tract. Skin: May cause skin irritation Ingestion: May be harmful if swallowed. Symptoms include: gastrointestinal tract upset and diarrhea												
NFPA Ratings (704):	<table border="0"> <tr> <td>Health</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Flammability</td> <td>1</td> <td>Slight</td> </tr> <tr> <td>Reactivity</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td colspan="2">N/A</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>GHS US Classification</u>
Octocrylene	6197-30-4	100%	Aquatic Chronic 1, H410

4 FIRST AID MEASURES

Eyes:	Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists; seek medical attention.
Inhalation:	Remove the person to fresh air and keep comfortable for breathing. Seek medical attention if necessary.
Skin:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Seek medical attention if necessary
Ingestion:	Rinse mouth with water. Do not give milk or alcoholic beverages. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Seek medical attention if necessary.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	Use appropriate media (Water spray. Dry powder. Foam. Carbon dioxide.) for adjacent fire. Do not use high volume water jet as an extinguisher.
Special protective equipment & precautions for firefighters:	Do not allow run-off from fire-fighting to enter drains or water courses. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Wear self-contained, approved breathing apparatus and full protective clothing,

Flash Points: including eye protection and boots.
453.20 °F (234.0 °C)

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: Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. 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: Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains, inform respective authorities. Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling: Dispose of rinse water in accordance with local and national regulations. Handle substance within a predominantly closed system provided with extract ventilation. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. 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. Keep container tightly closed and dry. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Avoid contact with strong acids, strong bases, and strong oxidizing agents. Keep away from heat. 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>Entity</u>
Octocrylene (6197-30-4)	Not available	Not Available	Not available
TWA: Time Weighted Average over 8 hours of work.		STEL: Short Term Exposure Limit during x minutes.	
TLV: Threshold Limit Value over 8 hours of work.		IDLH: Immediately Dangerous to Life or Health	
REL: Recommended Exposure Limit		WEEL: Workplace Environmental Exposure Levels	
PEL: Permissible Exposure Limit		CEIL: Ceiling	

Personal Protection:

Eyes: Safety glasses with side shields should be worn.

Inhalation: In the case of vapor formation, use a respirator with an approved filter. Ensure adequate ventilation

Body: Consider the hazard characteristics of this product and any special workplace conditions when selecting the appropriate type of protective gloves. Suggested glove material: Nitrile rubber. Full protective clothing should be worn.

Other: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of work day. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous Liquid	Vapor Pressure:	<0.01 hPa (20 °C)
Odor:	Slight	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Clear Yellow	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	234 °C / 453 °F
Boiling Point:	200 °C (0.13 hPa)	Specific Gravity:	1.045 - 1.055 (25 °C)
Melting Point:	-10 °C	Solubility:	Insoluble in water. Soluble in

Relative Density:	1.045 - 1.055 (25 °C)	Auto-Ignition Temperature:	oils/fats. Soluble in ethanol
Partition Coefficient: n-octanol/water:	log Pow 6.1 (23C; OECD Test Guideline 117)	Decomposition Temperature:	Not pyrophoric
Viscosity:	4,254 mPa.s (20 °C)	Explosive Limits/Properties:	Decomposes below the boiling point
			No data available

10 STABILITY AND REACTIVITY

Reactivity:	No reactivity hazards known.
Chemical Stability:	Stable under normal conditions of use.
Hazardous Polymerization:	Possible with incompatible materials present
Conditions to Avoid:	Keep away from heat and incompatible materials.
Incompatible Materials:	Avoid contact with strong acids, strong bases, and strong oxidizing agents
Hazardous Decomposition Products:	No data available
Possible Hazardous Reactions:	No data available

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Oral LD50 (Rat): > 5,000 mg/kg (OECD Test Guideline 401) (mg/kg bodyweight) Dermal LD50 (Rat): > 2,000 mg/kg (OECD Test Guideline 402) (mg/kg bodyweight)
Skin:	OECD Test Guideline 404 (Rabbit/Guinea Pig): No phototoxic skin reaction.
Eyes:	OECD Test Guideline 405 (Rabbit): No eye irritation
Respiratory:	No data available.
Ingestion:	No data available.
Carcinogenicity:	No indication for carcinogenicity known.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	No data available.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	No data available.
Reproductive Toxicity:	No data available.
Respiratory/Skin Sensitization:	No data available.
Skin Corrosion/Irritation:	No data available.
Skin Sensitization:	No data available.
Chronic Effects:	No data available.
Aspiration Hazard:	No data available.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Aquatic Vertebrate:	LC50 (Danio rerio: zebra fish): > 0.5 mg/l, 96 hours (nominal concentration) No toxicity at the limit of solubility
Aquatic Invertebrate:	EC50 Daphnia magna (Water flea): > 0.023 mg/l, 48 hours. No toxicity at the limit of solubility OECD Test Guideline 202 (Desmodesmus subspicatus (green algae)) ErC50: > 220 mg/l, 72 hours, (nominal concentration) OECD Test Guideline 201 ErC0: 100 mg/l, 72 hours, (nominal concentration) Toxicity to bacteria (activated sludge IC50): > 10,000 mg/l, 0.5 hours, (nominal concentration) (ISO 8192)(OECD Test Guideline 211) Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity): Daphnia magna (Water flea): NOEC 0.00266 mg/l, 21 days
Terrestrial:	No data available.
Persistence and Degradability:	Not readily biodegradable.
Bioaccumulative Potential:	Danio rerio (zebra fish): Exposure time: 28 days. Temperature: 23 °C. Bioconcentration factor (BCF): 860 Method: OECD Test Guideline 305. The product may be accumulated in organisms
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Information:	Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt.

A, App.A+ B).

13 DISPOSAL CONSIDERATIONS

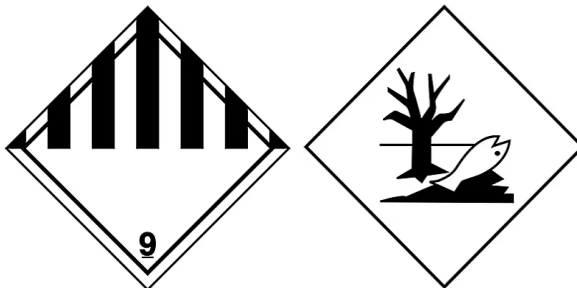
Waste Residues: Do not dump into any sewers, on the ground, or into any body of water. All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste Characterizations and compliance with applicable laws are the responsibility solely of the waste generator. Dispose of contents/container in accordance with all applicable local regulations.

Product Containers: If the material is released into the environment, the user should determine whether the spill should be reported to the appropriate local, state, and federal authorities.

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 applicable
ICAO (International Civil Aviation Organization):	No data available.
IMDG (International Maritime Dangerous Goods):	Regulated
IATA (International Air Transport Association):	Regulated
UN Number:	UN3082
Proper Shipping Name:	Environmentally hazardous substance, liquid, n.o.s.
Hazard Class:	9: Miscellaneous Hazardous Materials



Packing Group:	III
Harmonization Code:	2926.90.0000
Dangerous to the environment:	Yes
Marine Pollutant:	Yes

15 REGULATORY INFORMATION

TSCA Inventory Status:	Regulated
TSCA 5(a) SNUR	No
SARA Title III Section 313:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
California Prop. 65:	WARNING: This product can expose you to chemicals including Benzophenone <200 ppm, which is known to the State of California to cause cancer or reproductive toxicity. For more information, go to www.P65Warnings.ca.gov

16 OTHER INFORMATION

Revision Date:	16-Aug-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 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.