

Octocrylene


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

Revision Date: 05-02-2015
Supersedes: 03-21-2014

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Octocrylene	Distributor:	MakingCosmetics.com Inc.
Synonyms:	2-ethylhexyl 2-cyano-3,3-diphenyl-2-propenoate	Address:	10800 NE 231 st Way NE Redmond, WA 98053
INCI Name:	Octocrylene	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	6197-30-4	Web:	www.makingcosmetics.com
Formula:	C ₂₄ H ₂₇ NO ₂	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Liquid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

GHS Signal Word:	WARNING									
GHS Hazard Pictograms:										
GHS Hazard Statements:	H413: May cause long lasting harmful effects to aquatic life									
GHS Precautionary Statements:	P501: Dispose in accordance with local disposal regulations									
Potential Health Hazards:										
Eyes:	May cause irritation, tearing and mild temporary pain.									
Inhalation:	May cause irritation of the respiratory tract.									
Skin:	May cause skin irritation									
Ingestion:	Not an intended route of exposure. May be harmful if swallowed. Symptoms include: gastrointestinal tract upset and diarrhea									
NFPA Ratings (704):	<table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td style="text-align: center;">1</td> <td>Slight</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> </table>	Health	1	Slight	Flammability	1	Slight	Reactivity	0	Minimal
Health	1	Slight								
Flammability	1	Slight								
Reactivity	0	Minimal								
	Specific Hazard									

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Octocrylene	6197-30-4	100%	361.48 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:	Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and wash using soap. Get medical attention if necessary
Ingestion:	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If conscious, wash out mouth with water. Get medical attention if necessary.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	Water spray, dry chemical, carbon dioxide, or foam as appropriate for surrounding fire and materials.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Specific hazards:	May emit toxic fumes under fire conditions. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions:	See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Prevent spillage from entering drains. Any release to the environment may be subject to federal/national or local reporting requirements
Methods and material for containment and cleaning up:	Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Safe handling:	See section 8 for recommendations on the use of personal protective equipment. Use with adequate ventilation. Wash thoroughly after using. Keep container closed when not in use.
Safe storage:	Store in cool, dry well ventilated area. Keep away from incompatible materials.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Octocrylene	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:	Wear chemical safety glasses or goggles.
Inhalation:	Provide local exhaust, preferably mechanical. If exposure levels are excessive, use an approved respirator.
Skin:	Wear nitrile or rubber gloves, apron or lab coat.
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:	Clear viscous liquid	Vapor Pressure:	< 0.0000001 kPa at 25°C
Odor:	Characteristic	Vapor Density:	>1
Color:	Clear, pale yellow	Evaporation Rate:	Not available
pH Value:	Not available	Specific Gravity:	1.05 g/cm ³
Boiling Point:	103°C (218°F)	Molecular Weight:	361.48 g/mol
Freezing Point:	-10°C (14°F)	Flash Point:	> 100°C (> 212°F) Closed Cup
Partition coefficient (n-octanol / water):	6.1 at 23°C	Solubility:	Insoluble in water, miscible in oils, soluble in organic solvents

10 STABILITY AND REACTIVITY

Reactivity:	No reactivity hazards known
Chemical Stability:	Stable at normal conditions

Possibility of Hazardous Reactions:	No dangerous reaction known under conditions of normal use
Conditions to Avoid:	Oxidizers
Hazardous Decomposition Products:	NOx. Irritating and/or toxic fumes or gases. Emits toxic fumes under fire conditions

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	LD50 >67,000 mg/kg (oral, rat)
Subchronic Toxicity:	No data available
Carcinogenicity:	Due to lack of data the classification is not possible. This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Teratogenicity:	> 1000 mg/kg/day Reproductivity test (Result: No teratogenic effect was observed among the offspring of pregnant rats)
Mutagenicity:	In vitro CHO cell assay (Result: Negativ), In vitro mouse lymphoma cell forward gene mutation assay (Result: Negative)
Sensitizing:	Based on available data, the classification criteria are not met
Specific Target Organ Toxicity:	Due to lack of data the classification is not possible
Reproductive Toxicity:	> 1000 mg/kg/day Reproductivity test (Result: No maternal or developmental toxicity was observed in female mice)

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No ecotoxicity data noted for the ingredient(s)
Persistence and Degradability:	No data is available on the degradability of this product
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available
PBT and vPvB Assessment:	Not available

13 DISPOSAL CONSIDERATIONS

Waste Residues:	This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Users should review their operations in terms of the applicable 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 significantly 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 as a hazardous material by DOT
IATA (International Air Transport Association)	Not regulated as a dangerous good
TDG (Transportation of Dangerous Goods, Canada):	No data available
ICAO (International Civil Aviation Organization):	No data available

15 REGULATORY INFORMATION

TSCA Inventory Status:	All ingredients are listed on the TSCA inventory
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CERCLA/SARA Hazardous Substances:	Not applicable
SARA 311/312:	Not listed
SARA 302:	Not listed
FDA/SDWA:	Not regulated

16 OTHER INFORMATION

Revision Date: 05-02-2015

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.