

Titanium Dioxide in Oil, Liquid (Non-Nano)

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

Revision Date: 04/30/2020
Supersedes: 12/10/2018

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Titanium Dioxide in Oil, Liquid (Non-Nano)	Distributor:	MakingCosmetics.com Inc.
Synonyms:	Not available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Titanium dioxide, C12-15 alkyl benzoate, polyhydroxystearic acid, aluminium hydroxide, zinc oxide, isostearic acid	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	13463-67-7, 68411-27-8, 58128-22-6, 21645-51-2, 1314-13-2, 2724-58-5	Web:	www.makingcosmetics.com
Formula:	Not available	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Liquid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

GHS Classification:	Short-term (acute) aquatic hazard - Category 3 Long-term (chronic) aquatic hazard - Category 3												
GHS Hazard Pictograms:	None												
GHS Hazard Statements:	H412: Harmful to aquatic life with long lasting effects												
GHS Precautionary Statements:	P273: Avoid release to the environment P501: Dispose of any contents/container to an approved waste disposal plant.												
Potential Health Hazards:	Eyes: May cause eye irritation. Inhalation: No data available Skin: No data available Ingestion: No data available												
NFPA Ratings (704):	<table border="0"> <tr> <td>Health</td> <td>2</td> <td>Moderate</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>N/A</td> <td></td> </tr> </table>	Health	2	Moderate	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	N/A	
Health	2	Moderate											
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>
Titanium Dioxide	13463-67-7	≥60 - <70%	No data available
Aluminum Hydroxide	21645-51-2	≥1 - <5%	No data available
Zinc Oxide	1314-13-2	≥0.25 - <1%	No data available

4 FIRST AID MEASURES

Eyes:	In case of eye contact, rinse immediately with plenty of water and seek medical attention.
Inhalation:	If breathed in, move person to fresh air. If symptoms persist, call a physician.
Skin:	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Ingestion:	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide. Do not use high volume water jet/solid water stream as it may scatter and spread fire.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Specific hazards arising from the chemical:	Material will float on top of water, treat as a grease fire. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Prevent product 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:	Soak up with inert absorbent material. Sweep up and shovel in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations

7 HANDLING & STORAGE

Precautions for 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. Avoid spills.
Conditions for safe storage:	Store in original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed in a dry and well-ventilated place. 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>
Titanium Dioxide	10 mg/m ³	TWA	ACGIH
	15 mg/m ³ (total dust)	TWA	OSHA Z-1
Aluminum Hydroxide	1 mg/m ³ (respirable fraction)	TWA	ACGIH
	2 mg/m ³ (respirable fraction)	TWA	ACGIH
Zinc Oxide	10 mg/m ³ (respirable fraction)	STEL	ACGIH
	5 mg/m ³ (dust)	TWA	NIOSH REL
	5 mg/m ³ (fumes)	TWA	NIOSH REL
	10 mg/m ³ (fumes)	ST	NIOSH REL
	15 mg/m ³ (dust)	C	NIOSH REL
	15 mg/m ³ (total dust)	TWA	OSHA Z-1
	5 mg/m ³ (respirable fraction)	TWA	OSHA Z-1
	10 mg/m ³ (total)	TWA	OSHA P0
	5 mg/m ³ (respirable fraction)	TWA	OSHA P0
	5 mg/m ³ (fumes)	TWA	OSHA Z-1
5 mg/m ³	TWA	OSHA P0	
10 mg/m ³	STEL	OSHA P0	

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 tightly fitted safety goggles.
- Inhalation:** No personal respiratory protective equipment normally required.
- Skin:** Wear impervious gloves and clothing.
- Other:** Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Off-white liquid	Vapor Pressure:	No data available
Odor:	Odorless	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Off-white	Solubility in Water:	Insoluble
Molecular Weight:	No data available	Melting Point:	No data available
pH	No data available	Flash Point:	Est. 320° F/160° C
Boiling Point:	No data available	Medium Particle Size:	No data available
Melting Point:	No data available	Auto-Ignition Temperature:	No data available
Relative Density:	No data available	Decomposition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Explosive Properties:	No data available
Viscosity:	No data available	Freezing Point:	No data available
Oxidizing Properties:	No data available		

10 STABILITY AND REACTIVITY

Reactivity:	No data available
Chemical Stability:	Stable under normal conditions
Possibility of Hazardous Reactions:	No dangerous reaction known under conditions of normal use
Conditions to Avoid:	None known
Incompatible Materials:	Strong oxidizing agents
Hazardous Decomposition Products:	Carbon dioxides

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available
Skin:	Unlikely to cause skin irritation.
Eyes:	No eye irritation - mild eye irritation
Respiratory:	According to experience not expected
Ingestion:	No data available
Carcinogenicity:	Titanium Dioxide: IARC: Group 2B, possibly carcinogenic to humans
Teratogenicity:	No data available
Germ Cell Mutagenicity:	In vitro tests did not show mutagenic effects
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	No data available
Reproductive Toxicity:	No data available
Respiratory/Skin Sensitization:	No data available
Corrosivity:	No data available

Sensitization:	No data available
Irritation:	No data available
Repeated Dose Toxicity:	No data available

12 ECOLOGICAL INFORMATION

Ecotoxicity:	
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:	No data available
Other Adverse Effects:	No data available

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 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 dangerous goods
TDG (Transportation of Dangerous Goods, Canada):	Not regulated as dangerous goods
IMDG (International Maritime Dangerous Goods):	Not regulated as dangerous goods
IATA (International Air Transport Association):	Not regulated as dangerous goods
ICAO (International Civil Aviation Organization):	No data available

15 REGULATORY INFORMATION

TSCA Inventory Status:	All ingredients are listed on the TSCA inventory
DSCL (EEC):	All ingredients are listed on the DSCL inventory
California Prop. 65:	This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects
SARA 302:	This material does not contain any components with a section 302 EHS TPQ.
SARA 304:	No data available
SARA 311:	No SARA Hazards
SARA 312:	No SARA Hazards
SARA 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.
Pennsylvania Right-to-Know:	Titanium Dioxide (CAS: 13463-67-7) Alkyl Benzoate (CAS: 68411-27-8) Zinc Oxide (CAS: 1314-13-2)
New Jersey Right-to-Know:	Titanium Dioxide (CAS: 13463-67-7) Alkyl Benzoate (CAS: 68411-27-8) Aluminum Hydroxide (CAS: 21645-51-2)

AICS:	On the inventory, or in compliance with the inventory
NZIoC:	On the inventory, or in compliance with the inventory
ISHL:	On the inventory, or in compliance with the inventory
KECI:	On the inventory, or in compliance with the inventory
PICCS:	On the inventory, or in compliance with the inventory
IECSC:	On the inventory, or in compliance with the inventory
TSCI:	On the inventory, or in compliance with the inventory

16 OTHER INFORMATION

Revision Date: 04/30/2020

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.