

## 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

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

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

<b>Personal precautions, protective equipment &amp; emergency procedures:</b>	See section 8 for recommendations on the use of personal protective equipment.
<b>Environmental precautions:</b>	Prevent product from entering drains. Any release to the environment may be subject to federal/national or local reporting requirements.
<b>Methods and material for containment and cleaning up:</b>	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

<b>Precautions for safe handling:</b>	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.
<b>Conditions for safe storage:</b>	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 <sup>3</sup>	TWA	ACGIH
	15 mg/m <sup>3</sup> (total dust)	TWA	OSHA Z-1
Aluminum Hydroxide	1 mg/m <sup>3</sup> (respirable fraction)	TWA	ACGIH
Zinc Oxide	2 mg/m <sup>3</sup> (respirable fraction)	TWA	ACGIH
	10 mg/m <sup>3</sup> (respirable fraction)	STEL	ACGIH
	5 mg/m <sup>3</sup> (dust)	TWA	NIOSH REL
	5 mg/m <sup>3</sup> (fumes)	TWA	NIOSH REL
	10 mg/m <sup>3</sup> (fumes)	ST	NIOSH REL
	15 mg/m <sup>3</sup> (dust)	C	NIOSH REL
	15 mg/m <sup>3</sup> (total dust)	TWA	OSHA Z-1
	5 mg/m <sup>3</sup> (respirable fraction)	TWA	OSHA Z-1
	10 mg/m <sup>3</sup> (total)	TWA	OSHA P0
	5 mg/m <sup>3</sup> (respirable fraction)	TWA	OSHA P0
5 mg/m <sup>3</sup> (fumes)	TWA	OSHA Z-1	
5 mg/m <sup>3</sup>	TWA	OSHA P0	
10 mg/m <sup>3</sup>	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:

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

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Off-white liquid	<b>Vapor Pressure:</b>	No data available
<b>Odor:</b>	Odorless	<b>Vapor Density:</b>	No data available
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	No data available
<b>Color:</b>	Off-white	<b>Solubility in Water:</b>	Insoluble
<b>Molecular Weight:</b>	No data available	<b>Melting Point:</b>	No data available
<b>pH</b>	No data available	<b>Flash Point:</b>	Est. 320 °F / 160 °C
<b>Boiling Point:</b>	No data available	<b>Medium Particle Size:</b>	No data available
<b>Melting Point:</b>	No data available	<b>Auto-Ignition Temperature:</b>	No data available

<b>Relative Density:</b>	No data available	<b>Decomposition Temperature:</b>	No data available
<b>Partition Coefficient: n-octanol/water:</b>	No data available	<b>Explosive Properties:</b>	No data available
<b>Viscosity:</b>	No data available	<b>Freezing Point:</b>	No data available
<b>Oxidizing Properties:</b>	No data available		

## 10 STABILITY AND REACTIVITY

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

## 11 TOXICOLOGICAL INFORMATION

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

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	
<b>Aquatic Vertebrate:</b>	No data available
<b>Aquatic Invertebrate:</b>	No data available
<b>Terrestrial:</b>	No data available
<b>Persistence and Degradability:</b>	No data available
<b>Bioaccumulative Potential:</b>	No data available
<b>Mobility in Soil:</b>	No data available
<b>PBT and vPvB Assessment:</b>	No data available
<b>Other Adverse Effects:</b>	No data available

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	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.
<b>Product Containers:</b>	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

<b>DOT (Dept. of Transportation, USA):</b>	Not regulated as dangerous goods
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<b>TDG (Transportation of Dangerous Goods, Canada):</b>	Not regulated as dangerous goods
<b>IMDG (International Maritime Dangerous Goods):</b>	Not regulated as dangerous goods
<b>IATA (International Air Transport Association):</b>	Not regulated as dangerous goods
<b>ICAO (International Civil Aviation Organization):</b>	No data available

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	All ingredients are listed on the TSCA inventory
<b>DSCL (EEC):</b>	All ingredients are listed on the DSCL inventory
<b>California Prop. 65:</b>	This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects
<b>SARA 302:</b>	This material does not contain any components with a section 302 EHS TPQ.
<b>SARA 304:</b>	No data available
<b>SARA 311:</b>	No SARA Hazards
<b>SARA 312:</b>	No SARA Hazards
<b>SARA 313:</b>	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.
<b>Pennsylvania Right-to-Know:</b>	Titanium Dioxide (CAS: 13463-67-7) Alkyl Benzoate (CAS: 68411-27-8) Zinc Oxide (CAS: 1314-13-2)
<b>New Jersey Right-to-Know:</b>	Titanium Dioxide (CAS: 13463-67-7) Alkyl Benzoate (CAS: 68411-27-8) Aluminum Hydroxide (CAS: 21645-51-2)
<b>AICS:</b>	On the inventory, or in compliance with the inventory
<b>NZIoC:</b>	On the inventory, or in compliance with the inventory
<b>ISHL:</b>	On the inventory, or in compliance with the inventory
<b>KECI:</b>	On the inventory, or in compliance with the inventory
<b>PICCS:</b>	On the inventory, or in compliance with the inventory
<b>IECSC:</b>	On the inventory, or in compliance with the inventory
<b>TSCI:</b>	On the inventory, or in compliance with the inventory

## 16 OTHER INFORMATION

<b>Revision Date:</b>	04/30/2020
<b>Compliance:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
<b>Disclaimer:</b>	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.