

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: 22-Feb-2024
Supersedes: 10-Dec-2018

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Titanium Dioxide in Oil, Liquid (Non-Nano)	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Titanium dioxide, C12-15 Alkyl Benzoate, Aluminium Hydroxide, Isostearic acid, Polyhydroxystearic Acid, Zinc Oxide	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	13463-67-7, 68411-27-8, 21645-51-2, 2724-58-5, 58128-22-6, 1314-13-2	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

GHS Classification:	Short-term (acute) aquatic hazard: Category 3 Long-term (chronic) aquatic hazard: Category 3												
GHS Labeling:	None												
GHS Hazard Pictograms:	None												
GHS Hazard Statements:	412: Harmful to aquatic life with long lasting effects.												
GHS Precautionary Statements:	Prevention: P273 Avoid release to the environment. Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.												
Potential Health Hazards:	Eyes: May cause eye irritation Inhalation: No data available Skin: Unlikely to cause skin irritation Ingestion: No data available												
NFPA Ratings (704):	<table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td style="text-align: center;">2</td> <td>Moderate</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> <tr> <td>Specific Hazard</td> <td style="text-align: center;">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	Not available
C12-15 alkyl benzoate	68411-27-8	Not available	Not available
Aluminium Hydroxide	21645-51-2	>= 1 -< 5	Not available
Isostearic Acid	2724-58-5	Not available	Not available
Polyhydroxystearic Acid	58128-22-6	Not available	Not available
Zinc Oxide	1314-13-2	>= 0.25 -< 1	Not available

4 FIRST AID MEASURES

Eyes:	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Inhalation:	Move to fresh air. Seek medical attention if necessary.
Skin:	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Ingestion:	If large quantities of this material are swallowed, call a physician immediately.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	Use appropriate media (water spray, alcohol-resistant foam, dry chemical, or carbon dioxide) for adjacent fire. Do not use high volume water jet or solid water stream as it may spread the fire.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots. Prevent fire extinguishing water from contaminating surface water or the ground water system. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Material will float on top of water, treat as a grease fire.
Flash Points:	Est. 320 °F / 160 °C
Specific hazards arising from the chemical:	Do not use a solid water stream as it may scatter and spread fire. 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. 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:	Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Avoid contact with skin, eyes, and clothing. Handle in accordance with good industrial hygiene and safety practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	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 (Aluminum)	TWA	ACGIH
	(Respirable fraction)		
Zinc Oxide	2 mg/m ³ (Respirable fraction)	TWA	ACGIH
	10 mg/m ³ (Respirable fraction)	STEL	ACGIH
	5 mg/m ³ (Dust)	TWA	NIOSH REL
	5 mg/m ³ (Fumes)	TWA	NIOSH REL
	0 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:	Safety glasses should be worn.
Inhalation:	No personal respiratory protective equipment normally required.
Body:	Wear impervious gloves. Full protective clothing should be worn.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid	Vapor Pressure:	No data available
Odor:	No data available	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Off-white	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	Est. 320 °F / 160 °C
Boiling Point/Range:	No data available	Specific Gravity:	No data available
Melting/Freezing Point:	No data available	Water Solubility:	Insoluble
Density:	No data available	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Limits/Properties:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	No data available
Chemical Stability:	Stable under normal conditions.
Hazardous Polymerization:	No dangerous reaction known under conditions of normal use.
Conditions to Avoid:	None known.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	In case of fire hazardous decomposition products may be produced such as: Carbon oxides.
Possible Hazardous Reactions:	No dangerous reaction known under conditions of normal use.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity	
Skin:	Unlikely to cause skin irritation.
Eyes:	No eye irritation - Mild eye irritation
Respiratory:	No data available
Ingestion:	No data available
Carcinogenicity:	No data available
IARC:	Group 2B: (Titanium Dioxide) 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
Skin Corrosion/Irritation:	No data available
Skin Sensitization:	According to experience, not expected

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No data available
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.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Dispose of contents/container in accordance with all applicable local regulations.
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Product Containers: Empty remaining contents. Do not re-use empty containers. Empty containers should be taken to an approved waste handling site for recycling or disposal. Dispose of in accordance with local regulations.

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 regulated for transport.
TDG (Transportation of Dangerous Goods, Canada):	Not regulated for transport.
IMDG (International Maritime Dangerous Goods):	Not regulated for transport.
IATA (International Air Transport Association):	Not regulated for transport.
Annex II of MARPOL 73/78 and IBC Code:	(Transport in bulk) Not applicable for product as supplied.

15 REGULATORY INFORMATION

TSCA Inventory Status:	Listed.
SARA 302 (Extremely hazardous substance):	This material does not contain any components with a section 302 EHS TPQ.
SARA311/312:	No SARA Hazards
SARA 313 (TRI Reporting):	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
PA and NJ Right to Know:	Titanium dioxide (13463-67-7) Alkyl benzoate (68411-27-8) Zinc oxide (1314-13-2)
DSL (Canada):	Listed
China IECSC:	Listed
Australia AICS:	Listed
Taiwan (TCSI)	Listed
Japan IAH:	Listed
Philippines PICCS:	Listed
Korea (KECI):	Listed
New Zealand (NZIoC):	Listed
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.

16 OTHER INFORMATION

Additional Abbreviations:	ACGIH: (USA) ACGIH Threshold Limit Values (TLV) NIOSH REL: (USA) NIOSH Recommended Exposure Limits OSHA P0: (USA) OSHA - TABLE Z-1 Limits for Air Contaminants: 1910.1000 OSHA Z-1: (USA) Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants NIOSH REL/TWA: Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek NIOSH REL/C: Ceiling value not be exceeded at any time.
Revision Date:	22-Feb-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.