



RC1069 - SILICONIZER PLUS MESA TAN

Date of compilation: 4/24/2025

Version: 1

SECTION 1: IDENTIFICATION

- 1.1 Product identifier:** RC1069 - SILICONIZER PLUS MESA TAN
- Other means of identification:**
Non-applicable
- 1.2 Recommended use of the chemical and restrictions on use:**
Relevant uses (Consumer use): Roof coating
Relevant uses (Professional users): Roof coating
Relevant uses (Industrial user): Roof coating
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Name, U.S. address, and U.S. telephone number of the chemical manufacturer, importer, or other responsible party:**
Lanco & Harris Corp.
600 Mid Florida Drive Airport Industrial Park
32824 Orlando - Florida - United States
Phone: 407-240-4000 - Fax: 407-240-4000
info@lancopaints.com
http://www.lancopaints.com
- 1.4 Emergency phone number:** CHEMTREC (US Transportation) +1-800-262-8200| CHEMTREC (International Transportation) +1-703-741-5500

SECTION 2: HAZARD(S) IDENTIFICATION

- 2.1 Classification of the substance or mixture:**
29 CFR 1910.1200:
Classification of the chemical in accordance with paragraph (d)(1)(i) of §1910.1200
Carc. 1B: Carcinogenicity, Category 1B, H350
Skin Sens. 1: Sensitisation, skin, Category 1, H317
- 2.2 Label elements:**
29 CFR 1910.1200:
Danger
-  
- Hazard statements:**
Carc. 1B: H350 - May cause cancer.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
- Precautionary statements:**
P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P201: Obtain special instructions before use.
P261: Avoid breathing vapours
P280: Wear protective gloves/protective clothing/eye protection/protective footwear.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P308+P313: IF exposed or concerned: Get medical advice/attention.
P501: Dispose of the contents/containers according to the local, state and federal regulations.
- Substances that contribute to the classification**
Quartz (1 % < RCS < 10%)
- Additional labeling:**
- 
- WARNING**

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SECTION 2: HAZARD(S) IDENTIFICATION (continued)

Federal Hazardous Substances Act (FHSA) >> Chronic toxicity (Carcinogens)

May cause cancer. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep out of reach of children. Store locked up.

FIRST AID TREATMENT

IF exposed or concerned: Get medical advice/attention.

Contains : Quartz (1 % < RCS < 10%).

This product can expose you to chemicals including Titanium dioxide, Quartz (1 % < RCS < 10%), which is [are] known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Federal Hazardous Substances Act (FHSA) >> Strong sensitizer (dermal)

May cause an allergic skin reaction. Wear gloves. Keep out of reach of children.

FIRST AID TREATMENT

If on skin, rinse well with water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Contains : Quartz (1 % < RCS < 10%).

2.3 Hazards not otherwise classified (HNOC):

Non-applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:

Non-applicable

3.2 Mixtures:

Chemical description: Aqueous emulsion

Components:

Remaining components are non-hazardous and/or present at amounts below reportable limits. The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200. Therefore, in accordance with Appendix D to § 1910.1200, the product contains:

Identification	Chemical name/Classification	Concentration
CAS: 7732-18-5	Water	50 - <75 %
CAS: 1317-65-3	Limestone	25 - <50 %
CAS: 118922-88-6	Styrene-Acrylate Copolymer	10 - <25 %
CAS: 13463-67-7	Titanium dioxide	2.5 - <10 %
CAS: 14808-60-7	Quartz (1 % < RCS < 10%) Carc. 1B: H350; STOT RE 2: H373 - Danger	<1 %
CAS: 25265-77-4	Isobutyric acid, monoester with 2,2,4-trimethylpentane-1,3-diol	<1 %
CAS: 51200-87-4	4,4-dimethyloxazolidine Acute Tox. 4: H302+H312+H332; Eye Irrit. 2A: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT SE 3: H335 - Warning	<1 %
CAS: 55406-53-6	3-iodo-2-propynyl Butylcarbamate Acute Tox. 4: H302+H332; Eye Dam. 1: H318; Skin Sens. 1: H317; STOT SE 3: H335 - Danger	<1 %

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

SECTION 4: FIRST-AID MEASURES

4.1 Description of necessary measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

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SECTION 4: FIRST-AID MEASURES (continued)

This product is not classified as hazardous through inhalation, however, it is recommended in case of intoxication symptoms to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

May cause an allergic skin reaction. In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes on the skin (stinging, redness, rashes, blisters), seek medical advice with this Safety Data Sheet

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

4.2 Most important symptoms/effects, acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

4.3 Indication of immediate medical attention and special treatment needed, if necessary:

Non-applicable

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

Non-applicable

5.2 Specific hazards arising from the chemical:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Special protective equipment and precautions for fire-fighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and Self Contained Breathing Apparatus. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

Additional provisions:

As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Only properly trained personnel should be involved in firefighting. Evacuate nonessential personnel from the fire area. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

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SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

6.3 Methods and materials for containment and cleaning up:

For accidental releases in excess of reportable quantities (RQ) (Table 302.4), refer to 40 CFR 302 for detailed instructions concerning reporting requirements and notify the National Response Center (800) 424-8802.

Prevent the entrance of product in drains, sewers or watercourses. Absorb the spill using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. Collect the product in appropriate containers and manage it according to current legislation.

Spillages in water or sea:

Small spillages:

Contain spillage using barriers or similar equipment. Use suitable absorbents for collection and treat the waste in accordance with current regulations.

Large spillages:

If possible, contain spillage in open water using barriers or similar equipment. If this is not possible, try to control its spread and collect the product with suitable mechanical means. Always consult experts before using dispersants and make sure you have the necessary approvals if they are to be used. Treat the waste according to current regulations.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

7.2 Conditions for safe storage, including any incompatibilities:

A.- Specific storage requirements

Minimum Temp.: 35.01 °F

Maximum Temp.: 100 °F

Maximum time: 24 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be assessed in the workplace:

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000):

Identification	Occupational exposure limits	
Limestone CAS: 1317-65-3	8-hour TWA PEL	5 mg/m ³
	Ceiling Values - TWA PEL	
Titanium dioxide	8-hour TWA PEL	15 mg/m ³

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000):

Identification	Occupational exposure limits		
CAS: 13463-67-7	Ceiling Values - TWA PEL		

US. ACGIH Threshold Limit Values (2022):

Identification	Occupational exposure limits		
Limestone CAS: 1317-65-3	TLV-TWA		10 mg/m ³
	TLV-STEL		20 mg/m ³
Titanium dioxide CAS: 13463-67-7	TLV-TWA		2.5 mg/m ³
	TLV-STEL		
Quartz (1 % < RCS < 10%) CAS: 14808-60-7	TLV-TWA		0.025 mg/m ³
	TLV-STEL		

CALIFORNIA- TABLE AC-1 PERMISSIBLE EXPOSURE LIMITS FOR CHEMICAL CONTAMINANTS:

Identification	Occupational exposure limits		
Quartz (1 % < RCS < 10%) CAS: 14808-60-7	PEL		0.05 mg/m ³
	STEL		

NIOSH: Immediately Dangerous To Life or Health (IDLH) Values:

Identification	Occupational exposure limits		
Titanium dioxide CAS: 13463-67-7	TWA		
	IDLH Value		5000 mg/m ³
Quartz (1 % < RCS < 10%) CAS: 14808-60-7	TWA		
	IDLH Value		25 mg/m ³

8.2 Appropriate engineering controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protection Equipment. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation, the information on clothing performance must be combined with professional judgment, and a clear understanding of the clothing application, to provide the best protection to the worker. All chemical protective clothing use must be based on a hazard assessment to determine the risks for exposure to chemicals and other hazards. Conduct hazard assessments in accordance with 29 CFR 1910.132.

B.- Respiratory protection

If the working conditions and/or safety measures adopted do not allow keeping the airborne concentration of the product below the exposure limits (if any) or at acceptable levels (if no exposure limits exist), suitable respiratory protection equipment chosen by a qualified professional should be used.

C.- Specific protection for the hands

Pictogram	PPE	Remarks
 Mandatory hand protection	Protective gloves against minor risks	Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional /industrial users, we recommend using chemical protection gloves. Use gloves in accordance with manufacturer's use limitations and OSHA standard 1910.138 (29CFR)

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection

Pictogram	PPE	Remarks
 Mandatory face protection	Panoramic glasses against splash/projections.	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. Use this PPE in accordance with manufacturer's use limitations and OSHA standard 1910.133 (29CFR)

E.- Bodily protection

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Pictogram	PPE	Remarks
	Work clothing	Replace before any evidence of deterioration.
	Anti-slip work shoes	Replace before any evidence of deterioration.

F.- Additional emergency measures

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

Environmental exposure controls:

To comply with environmental protection regulations, it is recommended to prevent any spillage of the product and its container. For more detailed information, please refer to subsection 7.1.D.

40 CFR Part 59 (VOC):

V.O.C.(weight-percent):	0.12 % weight
V.O.C. at 68 °F:	13 kg/m ³ (13 g/L)

California Air Resources Board (CARB) - VOC Regulatory:

V.O.C.(weight-percent):	0.12 % weight
V.O.C. at 68 °F:	4.75 kg/m ³ (4.75 g/L)

South Coast Air Quality Management District (AQMD) - VOC Regulatory:

V.O.C.(weight-percent):	0.12 % weight
V.O.C. at 68 °F:	4.75 kg/m ³ (4.75 g/L)

Ozone Transport Commission (OTC) Rules - VOC Regulatory:

V.O.C.(weight-percent):	0.12 % weight
V.O.C. at 68 °F:	4.75 kg/m ³ (4.75 g/L)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 68 °F:	Liquid
Appearance:	Viscous
Color:	 Beige
Odor:	Mild
Odour threshold:	Non-applicable *

Volatility:

Boiling point at atmospheric pressure:	213 °F
Vapour pressure at 68 °F:	2348 Pa
Vapour pressure at 122 °F:	12370.7 Pa (12.37 kPa)

*Non-applicable due to the nature of the product, not providing information property of its hazards.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Evaporation rate at 68 °F: Non-applicable *

Product description:

Density at 68 °F: 1332.7 kg/m³

Relative density at 68 °F: 1.333

Dynamic viscosity at 68 °F: Non-applicable *

Kinematic viscosity at 68 °F: Non-applicable *

Kinematic viscosity at 104 °F: >20.5 mm²/s

Concentration: Non-applicable *

pH: 9 - 10

Vapour density at 68 °F: Non-applicable *

Partition coefficient n-octanol/water 68 °F: Non-applicable *

Solubility in water at 68 °F: Non-applicable *

Solubility properties: Non-applicable *

Decomposition temperature: Non-applicable *

Melting point/freezing point: Non-applicable *

Flammability:

Flash Point: Non Flammable (>199.4 °F)

Flammability (solid, gas): Non-applicable *

Autoignition temperature: 739 °F

Lower flammability limit: Non-applicable *

Upper flammability limit: Non-applicable *

Particle characteristics:

Median equivalent diameter: Non-applicable *

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties: Non-applicable *

Oxidising properties: Non-applicable *

Corrosive to metals: Non-applicable *

Heat of combustion: Non-applicable *

Aerosols-total percentage (by mass) of flammable components: Non-applicable *

Other safety characteristics:

Surface tension at 68 °F: Non-applicable *

Refraction index: Non-applicable *

*Non-applicable due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

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SECTION 10: STABILITY AND REACTIVITY (continued)

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Precaution	Precaution	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Exposure to this product can cause cancer. For more specific information on the possible health effects see section 2.
IARC: Titanium dioxide (2B); Quartz (1 % < RCS < 10%) (1)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

Non-applicable

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
Titanium dioxide CAS: 13463-67-7	LD50 oral	10000 mg/kg	Rat
	LD50 dermal	10000 mg/kg	Rabbit
	LC50 inhalation		
Limestone CAS: 1317-65-3	LD50 oral	>5000 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
3-iodo-2-propynyl Butylcarbamate CAS: 55406-53-6	LD50 oral	1100 mg/kg	Rat
	LD50 dermal	2100 mg/kg	Rabbit
	LC50 inhalation vapour	11 mg/L	
	LC50 inhalation dust	1.5 mg/L	
	LC50 inhalation mist	1.5 mg/L	
Isobutyric acid, monoester with 2,2,4-trimethylpentane-1,3-diol CAS: 25265-77-4	LD50 oral	6517 mg/kg	Rat
	LD50 dermal	15200 mg/kg	Rabbit
	LC50 inhalation		
4,4-dimethyloxazolidine CAS: 51200-87-4	LD50 oral	950 mg/kg	Rat
	LD50 dermal	1100 mg/kg	Rat
	LC50 inhalation vapour	11 mg/L	
	LC50 inhalation dust	1.5 mg/L	
	LC50 inhalation mist	1.5 mg/L	

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

12.1 Ecotoxicity (aquatic and terrestrial, where available):

Acute toxicity:

Identification		Concentration	Species	Genus
Isobutyric acid, monoester with 2,2,4-trimethylpentane-1,3-diol CAS: 25265-77-4	LC50	30 mg/L (96 h)	Pimephales promelas	Fish
	EC50	95 mg/L (96 h)	Daphnia magna	Crustacean
	EC50	18.4 mg/L (72 h)	Selenastrum capricornutum	Algae
3-iodo-2-propynyl Butylcarbamate CAS: 55406-53-6	LC50	0.07 mg/L (96 h)	Oncorhynchus mykiss	Fish
	EC50	0.09 mg/L (96 h)	Mysidopsis bahia	Crustacean
	EC50	0.05 mg/L (72 h)	Scenedesmus subspicatus	Algae

12.2 Persistence and degradability:

Substance-specific information:

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Degradability		Biodegradability	
Isobutyric acid, monoester with 2,2,4-trimethylpentane-1,3-diol CAS: 25265-77-4	BOD5	2.2 g O2/g	Concentration	Non-applicable
	COD	Non-applicable	Period	19 days
	BOD5/COD	Non-applicable	% Biodegradable	33 %

12.3 Bioaccumulative potential:

Substance-specific information:

Identification	Bioaccumulation potential	
Isobutyric acid, monoester with 2,2,4-trimethylpentane-1,3-diol CAS: 25265-77-4	BCF	
	Pow Log	3.47
	Potential	
3-iodo-2-propynyl Butylcarbamate CAS: 55406-53-6	BCF	36
	Pow Log	2.4
	Potential	Moderate

12.4 Mobility in soil:

Non-applicable

12.5 Results of PBT and vPvB assessment:

Non-applicable

12.6 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Disposal methods:

Wastes generated by normal household activities (e.g., routine house and yard maintenance) are excluded from the definition of hazardous waste (Title 40 of the Code of Federal Regulations Part 261.4)

Waste management (disposal and evaluation):

Follow RCRA framework and EPA regulation for to ensure that hazardous waste is managed safely and properly. Waste should not be disposed of to drains. Remind, It is the responsibility of the waste generator to evaluate whether his wastes are hazardous by characteristics or listing. See section 6 for further information about Accidental release measures.

Regulations related to waste management:

Legislation related to waste management:

40 CFR Solid Wastes - Part 239 through 282.

State regulatory requirements for generators may be more stringent than those in the federal program. Be sure to check the state's policies.

SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transport.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations specific for the product in question:

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SECTION 15: REGULATORY INFORMATION (continued)

- CALIFORNIA LABOR CODE - The Hazardous Substances List: Non-applicable
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Birth defects or other reproductive harm: Non-applicable
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Cancer: *Titanium dioxide (13463-67-7)* ; *Quartz (1 % < RCS < 10%) (14808-60-7)*
- CANADA-Domestic Substances List (DSL): *Water (7732-18-5)* ; *Styrene-Acrylate Copolymer (118922-88-6)* ; *Titanium dioxide (13463-67-7)* ; *Quartz (1 % < RCS < 10%) (14808-60-7)* ; *Isobutyric acid, monoester with 2,2,4-trimethylpentane-1,3-diol (25265-77-4)* ; *4,4-dimethyloxazolidine (51200-87-4)* ; *3-iodo-2-propynyl Butylcarbamate (55406-53-6)*
- CANADA-Non-Domestic Substances List (NDSL): *Limestone (1317-65-3)*
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantities: Non-applicable
- Hazardous Air Pollutants (Clean Air Act): Non-applicable
- Massachusetts RTK - Substance List: *Limestone (1317-65-3)* ; *Titanium dioxide (13463-67-7)* ; *Quartz (1 % < RCS < 10%) (14808-60-7)* ; *3-iodo-2-propynyl Butylcarbamate (55406-53-6)*
- Minnesota - Hazardous substances ERTK: *Limestone (1317-65-3)* ; *Titanium dioxide (13463-67-7)* ; *Quartz (1 % < RCS < 10%) (14808-60-7)*
- New Jersey Worker and Community Right-to-Know Act: *Limestone (1317-65-3)* ; *Titanium dioxide (13463-67-7)* ; *Quartz (1 % < RCS < 10%) (14808-60-7)* ; *3-iodo-2-propynyl Butylcarbamate (55406-53-6)*
- New York RTK - Substance list: *Titanium dioxide (13463-67-7)*
- NTP (National Toxicology Program): *Quartz (1 % < RCS < 10%) (14808-60-7)*
- OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096): *Quartz (1 % < RCS < 10%) (14808-60-7)*
- Pennsylvania Worker and Community Right-to-Know Law: *Limestone (1317-65-3)* ; *Titanium dioxide (13463-67-7)* ; *Quartz (1 % < RCS < 10%) (14808-60-7)*
- Protective Action Criteria (PAC) with AEGLs, ERPGs, & TEELs: *Titanium dioxide (13463-67-7)* ; *Quartz (1 % < RCS < 10%) (14808-60-7)* ; *Isobutyric acid, monoester with 2,2,4-trimethylpentane-1,3-diol (25265-77-4)* ; *3-iodo-2-propynyl Butylcarbamate (55406-53-6)*
- Rhode Island - Hazardous substances RTK: Non-applicable
- SB-258 Cleaning Product Right to Know Act : *Titanium dioxide (13463-67-7)* ; *Quartz (1 % < RCS < 10%) (14808-60-7)*
- The Toxic Substances Control Act (TSCA) : *Water (7732-18-5)* ; *Limestone (1317-65-3)* ; *Styrene-Acrylate Copolymer (118922-88-6)* ; *Titanium dioxide (13463-67-7)* ; *Quartz (1 % < RCS < 10%) (14808-60-7)* ; *Isobutyric acid, monoester with 2,2,4-trimethylpentane-1,3-diol (25265-77-4)* ; *4,4-dimethyloxazolidine (51200-87-4)* ; *3-iodo-2-propynyl Butylcarbamate (55406-53-6)*
- Toxic chemical release reporting under EPCRA section 313 (40 CFR Part 372): *3-iodo-2-propynyl Butylcarbamate (55406-53-6)*

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information provided in this safety data sheet as a foundation for conducting workplace-specific risk assessments. These assessments will help establish the appropriate risk prevention measures for handling, using, storing, and disposing of this product.

Other legislation:

Take into consideration other applicable federal, state, and local laws and local regulations.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with Appendix d to §1910.1200 - Safety data sheets

Texts of the legislative phrases mentioned in section 2:

H350: May cause cancer.

H317: May cause an allergic skin reaction.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

29 CFR 1910.1200:

Acute Tox. 4: H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled.

Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled.

Carc. 1B: H350 - May cause cancer.

Eye Dam. 1: H318 - Causes serious eye damage.

Eye Irrit. 2A: H319 - Causes serious eye irritation.

Flam. Liq. 3: H226 - Flammable liquid and vapour.

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1: H317 - May cause an allergic skin reaction.

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Inhalation).

STOT SE 3: H335 - May cause respiratory irritation.

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SECTION 16: OTHER INFORMATION (continued)

Advice related to training:

According to 29 CFR 1910. 1200, training on chemical hazards is necessary for employees using this product. This training will facilitate their understanding and interpretation of the safety data sheet, as well as the product label.

Principal bibliographical sources:

Occupational Safety & Health Administration (OSHA).

Abbreviations and acronyms:

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

CL50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

IARC: International Agency for Research on Cancer

Date of compilation: 4/24/2025



Manufacturer Disclaimer: The information contained in this safety data sheet ("SDS") is based on sources, technical knowledge and current legislation. Furthermore, is based on data believed to be accurate; thus, the company does not assume any liability for its accuracy. The information provided herein cannot be considered a guarantee of the properties of this product and the same is simply a description of the security requirements. The use, occupational methodology and/or conditions for users of this product are not within our awareness or control. It is ultimately the responsibility of the user(s) to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information of this SDS only refers to this product, which should not be used for purposes other than those specified. Finally, the manner in which this product is used and whether there is any infringement of patents is the sole responsibility of the user(s).

END OF SAFETY DATA SHEET