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# SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

## 1. Identification

### Product identifier

Product No.:	Product name:	Common name(s), synonym(s)
367960	TUBE PST PLH 13X75 3.0 PLBL L/GN	BD Vacutainer® PST™ Blood Collection Tubes
368036	TUBE PST PLH 13X75 3.0 PLBL L/GN BC	BD Vacutainer® PST™ Blood Collection Tubes
368056	TUBE PST PLC 13X75 3.0 PLBL GN/GR	BD Vacutainer® PST™ Blood Collection Tubes

### Recommended restrictions

**Recommended use:** Scientific and industrial laboratory use. For In Vitro Diagnostic Use.

**Restrictions on use:** For External Use Only

### Manufacturer/Importer/Distributor Information

#### Manufacturer

Company Name: BD, Integrated Diagnostic Solutions  
Address: 1 Becton Drive  
Franklin Lakes, NJ 07417  
USA

Telephone: 1 800 631 0174  
Fax: 1 201 847 4866  
Contact Person: Technical Services  
E-mail: productcomplaints@bd.com

**Emergency telephone number:** CHEMTREC 1 800 424 9300

## 2. Hazard(s) identification

### Hazard Classification

Not classified

### Label Elements

**Hazard Symbol:** No symbol

**Signal Word:** No signal word.



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**Hazard Statement:** Not applicable  
**Precautionary Statements** Not applicable

**Other hazards which do not result in GHS classification:** None.

### 3. Composition/information on ingredients

#### Mixtures

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%) <sup>*</sup>
Silane, dichlorodimethyl-, reaction products with silica	No data available.	68611-44-9	4.2%
Titanium oxide (TiO <sub>2</sub> )	No data available.	13463-67-7	0.017%

<sup>\*</sup> All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

### 4. First-aid measures

#### Description of necessary first-aid measures

**General information:** Get medical attention if symptoms occur.

**Inhalation:** Move into fresh air and keep at rest. Treat symptomatically. Get medical attention if symptoms occur.

**Skin Contact:** Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.

**Eye contact:** Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses.

**Ingestion:** Rinse mouth thoroughly. Never give liquid to an unconscious person. Get medical attention if symptoms occur.

**Personal Protection for First-aid Responders:** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.



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**Most important symptoms/effects, acute and delayed**

**Symptoms:** No data available.

**Hazards:** No data available.

**Indication of immediate medical attention and special treatment needed**

**Treatment:** Get medical attention if symptoms occur.

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**5. Fire-fighting measures**

**General Fire Hazards:** Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** Water spray, fog, CO<sub>2</sub>, dry chemical, or alcohol resistant foam.

**Unsuitable extinguishing media:** None known.

**Specific hazards arising from the chemical:** None known.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** No unusual fire or explosion hazards noted.

**Special protective equipment for fire-fighters:** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

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**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** See Section 8 of the SDS for Personal Protective Equipment.



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**Methods and material for containment and cleaning up:**

Sweep or scoop up and remove. Prevent runoff from entering drains, sewers, or streams.

**Environmental Precautions:**

Do not release into the environment.

## 7. Handling and storage

### Handling

**Technical measures (e.g. Local and general ventilation):**

Observe good industrial hygiene practices. Low hazard for recommended handling by trained personnel.

**Safe handling advice:**

Wear appropriate personal protective equipment. Low hazard for recommended handling by trained personnel.

**Contact avoidance measures:**

No data available.

### Storage

**Safe storage conditions:**

Keep containers tightly closed. Keep the container in a safe place. Keep in a cool, well-ventilated place.

**Safe packaging materials:**

No data available.

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

Chemical Identity	Type	Exposure Limit Values	Source
Silane, dichlorodimethyl-, reaction products with silica	AN ESL	0.27 µg/m <sup>3</sup>	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended
	ST ESL	14 µg/m <sup>3</sup>	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended
Silane, dichlorodimethyl-, reaction products with silica - Respirable particles.	TWA	3 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values, as amended
Silane, dichlorodimethyl-, reaction products with silica - Inhalable particles.	TWA	10 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values, as amended
Silane, dichlorodimethyl-, reaction products with silica	REL	6 mg/m <sup>3</sup>	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	IDLH	3,000	US. NIOSH. Immediately Dangerous to Life or



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		mg/m <sup>3</sup>	Health (IDLH) Values, as amended
Silane, dichlorodimethyl-, reaction products with silica - Respirable fraction.	TWA	5 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Silane, dichlorodimethyl-, reaction products with silica - Total dust.	TWA	15 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	TWA	15 mg/m <sup>3</sup>	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended
Silane, dichlorodimethyl-, reaction products with silica - Respirable fraction.	TWA	5 mg/m <sup>3</sup>	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended
	TWA PEL	5 mg/m <sup>3</sup>	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants, as amended
Silane, dichlorodimethyl-, reaction products with silica - Total dust.	TWA PEL	10 mg/m <sup>3</sup>	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants, as amended
Silane, dichlorodimethyl-, reaction products with silica	TWA	0.8 mg/m <sup>3</sup>	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
	TWA	20 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
Silane, dichlorodimethyl-, reaction products with silica - Total dust.	TWA	15 mg/m <sup>3</sup>	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
Silane, dichlorodimethyl-, reaction products with silica - Respirable fraction.	TWA	5 mg/m <sup>3</sup>	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
	TWA	15 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
Silane, dichlorodimethyl-, reaction products with silica - Total dust.	TWA	50 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
Titanium oxide (TiO <sub>2</sub> ) - Respirable fraction.	TWA	1 mg/m <sup>3</sup>	US. ACGIH Notice of Intended Changes (NIC) to Threshold Limit Values, as amended
Titanium oxide (TiO <sub>2</sub> ) - Total dust.	TWA	10 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	TWA	10 mg/m <sup>3</sup>	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended
Titanium oxide (TiO <sub>2</sub> )	ST ESL	50 µg/m <sup>3</sup>	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended
	AN ESL	5 µg/m <sup>3</sup>	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended
	TWA	10 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values, as amended



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Titanium oxide (TiO <sub>2</sub> ) - Total dust.	PEL	15 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
Titanium oxide (TiO <sub>2</sub> )	IDLH	5,000 mg/m <sup>3</sup>	US. NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended

Please refer to the latest edition of the appropriate source text and consult an industrial hygienist or similar professional, or local agencies, for further information.

#### Biological Limit Values

No biological exposure limits noted for the ingredient(s).

**Appropriate Engineering Controls** Observe good industrial hygiene practices. Low hazard for recommended handling by trained personnel.

#### Individual protection measures, such as personal protective equipment

**Eye/face protection:** Avoid contact with eyes and prolonged skin contact. Protective gloves and goggles must be used if there is a risk of direct contact or splash.

#### Skin Protection

**Hand Protection:** Material: Use suitable protective gloves if risk of skin contact.

**Skin and Body Protection:** No data available.

**Respiratory Protection:** Not relevant, due to the form of the product.

**Hygiene measures:** Observe good industrial hygiene practices.

### 9. Physical and chemical properties

#### Information on basic physical and chemical properties

##### Appearance

**Physical state:** Solid

**Form:** Gel

**Color:** Tan

**Odor:** Odorless

**Odor Threshold:** No data available.

**Melting Point:** Not applicable

**Boiling Point:** No data available.

**Flammability:** Not applicable

**Upper/lower limit on flammability or explosive limits**



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<b>Explosive limit - upper:</b>	Not applicable
<b>Explosive limit - lower:</b>	Not applicable
<b>Flash Point:</b>	Not applicable
<b>Self Ignition Temperature:</b>	Not determined.
<b>Decomposition Temperature:</b>	Not applicable
<b>pH:</b>	Not applicable
<b>Viscosity</b>	
<b>Dynamic viscosity:</b>	Not determined.
<b>Kinematic viscosity:</b>	No data available.
<b>Flow Time:</b>	Not applicable
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Not applicable
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	Not applicable
<b>Vapor pressure:</b>	Not applicable
<b>Relative density:</b>	Not applicable
<b>Density:</b>	Not applicable
<b>Bulk density:</b>	Not applicable
<b>Vapor density (air=1):</b>	Not applicable
<b>Particle characteristics</b>	
<b>Particle Size:</b>	Not applicable
<b>Particle Size Distribution:</b>	Not applicable
<b>Specific surface area:</b>	Not applicable
<b>Surface charge/Zeta potential:</b>	Not applicable
<b>Assessment:</b>	Not applicable
<b>Shape:</b>	Not applicable
<b>Crystallinity:</b>	Not applicable
<b>Surface treatment:</b>	Not applicable

<b>10. Stability and reactivity</b>
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<b>Reactivity:</b>	Material is stable under normal conditions.
<b>Chemical Stability:</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	Material is stable under normal conditions.
<b>Conditions to avoid:</b>	None under normal conditions.



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<b>Incompatible Materials:</b>	None under normal conditions.
<b>Hazardous Decomposition Products:</b>	Material is stable under normal conditions.

<b>11. Toxicological information</b>
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<b>General information:</b>	Under normal conditions of intended use, this material does not pose a risk to health.
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**Information on likely routes of exposure**

<b>Inhalation:</b>	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
<b>Skin Contact:</b>	Due to the small packaging the risk of skin contact is minimal.
<b>Eye contact:</b>	Due to the small packaging the risk of eye contact is minimal.
<b>Ingestion:</b>	Due to the small packaging the risk of ingestion is minimal.

**Symptoms related to the physical, chemical and toxicological characteristics**

<b>Inhalation:</b>	No specific symptoms noted.
<b>Skin Contact:</b>	Skin irritation is not anticipated when used normally.
<b>Eye contact:</b>	No specific symptoms noted.
<b>Ingestion:</b>	No specific symptoms noted.

**Information on toxicological effects**

**Acute toxicity (list all possible routes of exposure)**

**Oral**

<b>Product:</b>	Not classified for acute toxicity based on available data.
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<b>Components:</b>	No data available.
Silane, dichlorodimethyl-, reaction products with silica	

Titanium dioxide	LD 50 (Rat): > 25,000 mg/kg Experimental result, Supporting study LD 50 (Rat): > 11,000 mg/kg Experimental result, Supporting study LD 50 (Mouse): > 5,000 mg/kg
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	Experimental result, Key study LD 50 (Rat): > 5,000 mg/kg Experimental result, Key study LD 50 (Rat): > 5,000 mg/kg Experimental result, Supporting study
<b>Dermal</b>	
<b>Product:</b>	Not classified for acute toxicity based on available data.
<b>Components:</b>	
Silane, dichlorodimethyl-, reaction products with silica	No data available.
Titanium dioxide	No data available.
<b>Inhalation</b>	
<b>Product:</b>	Not classified for acute toxicity based on available data.
<b>Components:</b>	
Silane, dichlorodimethyl-, reaction products with silica	No data available.
Titanium dioxide	LC 50 (Rat): 5.09 mg/l Experimental result, Key study, Inhalation LC 50 (Rat): > 6.82 mg/l Experimental result, Key study, Inhalation
<b>Repeated dose toxicity</b>	
<b>Product:</b>	No data available.
<b>Components:</b>	
Silane, dichlorodimethyl-, reaction products with silica	No data available.
Titanium dioxide	NOAEL (Rat(Female, Male), Inhalation): 5 mg/m3 Experimental result, Supporting study Inhalation NOAEL (Rat(Male), Oral, 29 d): 24,000 mg/kg Experimental result, Key study Oral NOAEL (Rat(female), Inhalation): 0.52 mg/m3 Experimental result, Supporting study Inhalation NOAEL (Rat(Male), Inhalation): 5 mg/m3 Experimental result, Supporting study Inhalation NOAEL (Mouse(female), Inhalation): 9.5 mg/m3 Experimental result, Supporting study Inhalation



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**Skin Corrosion/Irritation**

**Product:** No data available.

**Components:**

Silane, No data available.  
dichlorodimethyl-,  
reaction products with  
silica

Titanium dioxide No data available.

**Serious Eye Damage/Eye Irritation**

**Product:** No data available.

**Components:**

Silane, No data available.  
dichlorodimethyl-,  
reaction products with  
silica

Titanium dioxide Not irritating in vivo Rabbit, 24 hrs: EU  
Not irritating in vivo Rabbit, 48 - 72 hrs: EU  
Minimal irritant in vivo Rabbit, 24 hrs: EU  
Not irritating in vivo Rabbit, 1 hrs: EU  
Minimal irritant in vivo Rabbit, 48 - 72 hrs: EU  
Not irritating in vivo Rabbit, 24 hrs: EU  
Not irritating in vivo Rabbit, 48 - 72 hrs: EU  
Minimal irritant in vivo Rabbit, 24 - 72 hrs: EU  
Not irritating in vivo Rabbit, 24 - 72 hrs: EU  
Minimal irritant in vivo Rabbit, 1 hrs: EU  
Not irritating in vivo Rabbit, 1 hrs: EU

**Respiratory or Skin Sensitization**

**Product:** No data available.

**Components:**

Silane, No data available.  
dichlorodimethyl-,  
reaction products with  
silica

Titanium dioxide Skin sensitization:, in vivo/in vitro (Guinea pig): Non sensitising

**Carcinogenicity**

**Product:** No data available.

**Components:**



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Silane, dichlorodimethyl-, reaction products with silica	No data available.
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Titanium dioxide	No data available.
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**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogens present or none present in regulated quantities

**ACGIH: US.ACGIH Threshold Limit Values:**

No carcinogens present or none present in regulated quantities

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogens present or none present in regulated quantities

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:**

No carcinogens present or none present in regulated quantities

**Germ Cell Mutagenicity**

**In vitro**

<b>Product:</b>	No data available.
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<b>Components:</b> Silane, dichlorodimethyl-, reaction products with silica	No data available.
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Titanium dioxide	No data available.
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**In vivo**

<b>Product:</b>	No data available.
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<b>Components:</b> Silane, dichlorodimethyl-, reaction products with silica	No data available.
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Titanium dioxide	No data available.
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**Reproductive toxicity**

<b>Product:</b>	No data available.
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<b>Components:</b>	
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Silane, dichlorodimethyl-, reaction products with silica	No data available.
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Titanium dioxide	No data available.
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**Specific Target Organ Toxicity - Single Exposure**

<b>Product:</b>	No data available.
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<b>Components:</b> Silane, dichlorodimethyl-, reaction products with silica	No data available.
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Titanium dioxide	No data available.
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**Specific Target Organ Toxicity - Repeated Exposure**

<b>Product:</b>	No data available.
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<b>Components:</b> Silane, dichlorodimethyl-, reaction products with silica	No data available.
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Titanium dioxide	No data available.
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**Aspiration Hazard**

<b>Product:</b>	No data available.
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<b>Components:</b> Silane, dichlorodimethyl-, reaction products with silica	No data available.
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Titanium dioxide	No data available.
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**Information on health hazards**

**Other hazards**

<b>Product:</b>	No data available.
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## 12. Ecological information

### Ecotoxicity:

#### Acute hazards to the aquatic environment:

##### Fish

**Product:** No data available.

**Components:**

Silane, dichlorodimethyl-, reaction products with silica

Titanium oxide (TiO<sub>2</sub>) EC 50 (96 h): > 9,051 mg/l Experimental result, Not specified  
NOAEL (Oncorhynchus mykiss, 96 h): >= 100 mg/l Experimental result, Weight of Evidence study  
LC 50 (Pimephales promelas, 96 h): > 1,000 mg/l Experimental result, Weight of Evidence study  
LC 50 (Cyprinodon variegatus, 96 h): > 240 - < 370 mg/l Experimental result, Not specified  
NOAEL (Pimephales promelas, 96 h): >= 1,000 mg/l Experimental result, Weight of Evidence study

##### Aquatic Invertebrates

**Product:** No data available.

**Components:**

Silane, dichlorodimethyl-, reaction products with silica

Titanium oxide (TiO<sub>2</sub>) EC 50 (Daphnia magna, 48 h): > 100 mg/l Experimental result, Not specified  
EC 50 (Water flea (Daphnia magna), 48 h): > 1,000 mg/l Intoxication  
EC 50 (Daphnia magna, 48 h): > 100 mg/l Experimental result, Supporting study  
EC 50 (Daphnia magna, 48 h): > 1,000 mg/l Experimental result, Weight of Evidence study  
EC 50 (Daphnia magna, 48 h): > 1,000 mg/l Experimental result, Weight of Evidence study

##### Toxicity to Aquatic Plants

**Product:** No data available.

**Components:**

Silane, dichlorodimethyl-, reaction products with silica

Titanium oxide (TiO<sub>2</sub>) No data available.

##### Toxicity to microorganisms

**Product:** No data available.

**Components:**



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Silane, dichlorodimethyl-, reaction products with silica	No data available.
Titanium oxide (TiO <sub>2</sub> )	No data available.

**Chronic hazards to the aquatic environment:**

**Fish**

<b>Product:</b>	No data available.
<b>Components:</b>	
Silane, dichlorodimethyl-, reaction products with silica	No data available.
Titanium oxide (TiO <sub>2</sub> )	ED 0 (Phoxinus phoxinus, 30 d): >= 1,000 mg/l Experimental result, Supporting study LC 0 (Coregonus autumnalis migratorius G., 30 d): 3 mg/l Experimental result, Supporting study

**Aquatic Invertebrates**

<b>Product:</b>	No data available.
<b>Components:</b>	
Silane, dichlorodimethyl-, reaction products with silica	No data available.
Titanium oxide (TiO <sub>2</sub> )	EC 50 (Nitokra spinipes, 13 d): 107.4 mg/l Experimental result, Supporting study LC 100 (Daphnia magna, 18 d): 1,000 mg/l Experimental result, Supporting study EC 50 (Nitokra spinipes, 13 d): 2.03 mg/l Experimental result, Supporting study EC 100 (Daphnia magna, 30 d): 500 mg/l Experimental result, Supporting study

**Toxicity to Aquatic Plants**

<b>Product:</b>	No data available.
<b>Components:</b>	
Silane, dichlorodimethyl-, reaction products with silica	No data available.
Titanium oxide (TiO <sub>2</sub> )	No data available.

**Toxicity to microorganisms**

<b>Product:</b>	No data available.
<b>Components:</b>	
Silane, dichlorodimethyl-, reaction products with silica	No data available.
Titanium oxide (TiO <sub>2</sub> )	No data available.



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## Persistence and Degradability

### Biodegradation

**Product:** No data available.

**Components:**

Silane, dichlorodimethyl-,  
reaction products with  
silica

No data available.

Titanium oxide (TiO<sub>2</sub>)

No data available.

### BOD/COD Ratio

**Product:** No data available.

**Components:**

Silane, dichlorodimethyl-,  
reaction products with  
silica

No data available.

Titanium oxide (TiO<sub>2</sub>)

No data available.

## Bioaccumulative potential

### Bioconcentration Factor (BCF)

**Product:** No data available.

**Components:**

Silane, dichlorodimethyl-,  
reaction products with  
silica

No data available.

Titanium oxide (TiO<sub>2</sub>)  
Oncorhynchus mykiss, Bioconcentration Factor (BCF): 19 Experimental result, Key study Aquatic sediment  
Oncorhynchus mykiss, Bioconcentration Factor (BCF): 67 Experimental result, Key study Aquatic sediment  
Oncorhynchus mykiss, Bioconcentration Factor (BCF): 20 Experimental result, Key study Aquatic sediment  
Cyprinus carpio, Bioconcentration Factor (BCF): 74 Experimental result, Supporting study Aquatic sediment  
Oncorhynchus mykiss, Bioconcentration Factor (BCF): 34 - 352 Experimental result, Key study Aquatic sediment

### Partition Coefficient n-octanol / water (log K<sub>ow</sub>)

**Product:** No data available.

**Components:**

Silane, dichlorodimethyl-,  
reaction products with  
silica

No data available.

Titanium oxide (TiO<sub>2</sub>)

No data available.

## Mobility in soil:

**Product** No data available.

**Components:**



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Silane, dichlorodimethyl-, reaction products with silica	No data available.
Titanium oxide (TiO <sub>2</sub> )	No data available.

**Results of PBT and vPvB assessment:**

<b>Product</b>	No data available.
<b>Components:</b>	
Silane, dichlorodimethyl-, reaction products with silica	No data available.
Titanium oxide (TiO <sub>2</sub> )	No data available.

**Other adverse effects:**

<b>Other hazards</b>	
<b>Product:</b>	No data available.
<b>Components:</b>	
Silane, dichlorodimethyl-, reaction products with silica	No data available.
Titanium oxide (TiO <sub>2</sub> )	No data available.

<b>13. Disposal considerations</b>
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<b>Disposal methods:</b>	Dispose of waste and residues in accordance with local authority requirements.
<b>Contaminated Packaging:</b>	No data available.

<b>14. Transport information</b>
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<b>DOT</b> UN number or ID number:	Not regulated.
UN Proper Shipping Name:	Not regulated.
Transport Hazard Class(es)	
Class:	Not regulated.
Label(s):	Not regulated.
Packing Group:	Not regulated.
Marine Pollutant:	Not regulated.
Limited quantity	Not regulated.
Excepted quantity	Not regulated.
Special precautions for user:	Not regulated.





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**IMDG**

UN number or ID number:	Not regulated.
UN Proper Shipping Name:	Not regulated.
Transport Hazard Class(es)	
Class:	Not regulated.
Subsidiary risk:	Not regulated.
EmS No.:	Not regulated.
Packing Group:	Not regulated.
Environmental Hazards	
Marine Pollutant:	Not regulated.
Special precautions for user:	Not regulated.

**IATA**

UN number or ID number:	Not regulated.
Proper Shipping Name:	Not regulated.
Transport Hazard Class(es):	
Class:	Not regulated.
Subsidiary risk:	Not regulated.
Packing Group:	Not regulated.
Environmental Hazards	
Marine pollutant:	Not regulated.
Special precautions for user:	Not regulated.

<b>15. Regulatory information</b>
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**US Federal Regulations**

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

None present or none present in regulated quantities.

**US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)**

None present or none present in regulated quantities.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended**

None present or none present in regulated quantities.

**CERCLA Hazardous Substance List (40 CFR 302.4):**

None present or none present in regulated quantities.



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## Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories**  
Not classified

**US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances**

None present or none present in regulated quantities.

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required**

None present or none present in regulated quantities.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**

None present or none present in regulated quantities.

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**

None present or none present in regulated quantities.

## US State Regulations

**US. California Proposition 65**



**WARNING:** This product can expose you to chemicals including, Titanium oxide (TiO<sub>2</sub>) which is [are] known to the State of California to cause cancer.

For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**US. New Jersey Worker and Community Right-to-Know Act**

### Chemical Identity

Silane, dichlorodimethyl-, reaction products with silica  
Oxirane, 2-methyl-, polymer with oxirane, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1)  
Titanium oxide (TiO<sub>2</sub>)  
Heparin, lithium salt

**US. Massachusetts RTK - Substance List**

### Chemical Identity

Silane, dichlorodimethyl-, reaction products with silica

**US. Pennsylvania RTK - Hazardous Substances**

### Chemical Identity

Silane, dichlorodimethyl-, reaction products with silica



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**Becton, Dickinson and  
Company**

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**US. Rhode Island RTK**

**Chemical Identity**

Silane, dichlorodimethyl-, reaction products with silica

**International regulations**

**Montreal protocol**

Not applicable

**Stockholm convention**

Not applicable

**Rotterdam convention**

Not applicable

**Kyoto protocol**

Not applicable

<b>16. Other information, including date of preparation or last revision</b>
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**Issue Date:** 11/17/2021

**Version #:** 11.3

**Further Information:** No data available.

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