SAFETY DATA SHEET

1. Identification

Product identifier

<table>
<thead>
<tr>
<th>Product No.</th>
<th>Product name:</th>
<th>Common name(s), synonym(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>362753</td>
<td>TUBE CPTHEP GC 16X125 8.0 MLBL RD/GN</td>
<td>No data available</td>
</tr>
</tbody>
</table>

Other means of identification

- SDS number: 088100181118

Recommended use and restriction on use

- **Recommended use:** Scientific and industrial laboratory use. For In Vitro Diagnostic Use.
- **Restrictions on use:** For External Use Only

Manufacturer/Importer/Supplier/Distributor Information

- **Manufacturer**
  - Company Name: BD Diagnostics, Preanalytical Systems
  - Address: 1 Becton Drive
  - 07417 Franklin Lakes, NJ USA
  - Telephone: 1 800 631 0174
  - Fax: 1 201 847 4866
  - Contact Person: Technical Services
  - E-mail: pas_tech_services@bd.com

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

2. Hazard(s) identification

Hazard Classification

- **Health Hazards**
  - Respiratory sensitizer: Category 1
  - Skin sensitizer: Category 1

Label Elements

- **Hazard Symbol:**

  ![Hazard Symbol]

- **Signal Word:** Danger
Hazard Statement: H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H317: May cause an allergic skin reaction.

Precautionary Statements

Prevention:
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
P284: [In case of inadequate ventilation] wear respiratory protection.
P272: Contaminated work clothing should not be allowed out of the workplace.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:
P304+P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER/doctor/…
P302+P352: IF ON SKIN: Wash with plenty of water/…
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P321: Specific treatment (see on this label).
P363: Wash contaminated clothing before reuse.

Disposal:
P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

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

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>Content in percent (%)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium amidotrizoate</td>
<td>No data available.</td>
<td>737-31-5</td>
<td>3.8928%</td>
</tr>
<tr>
<td>Silane, dichlorodimethyl-, reaction products with silica</td>
<td>No data available.</td>
<td>68611-44-9</td>
<td>1.9404%</td>
</tr>
<tr>
<td>Titanium oxide (TiO2)</td>
<td>No data available.</td>
<td>13463-67-7</td>
<td>0.0073%</td>
</tr>
<tr>
<td>Benzene, methyl-</td>
<td>No data available.</td>
<td>108-88-3</td>
<td>4.8509PPM</td>
</tr>
</tbody>
</table>

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

General information: Get medical attention if symptoms occur.
Ingestion: If swallowed, rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Get medical attention immediately.

Inhalation: Provide fresh air, warmth and rest, preferably in comfortable upright sitting position. Get medical attention if symptoms persist.

Skin Contact: Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical attention if symptoms occur. Wash contaminated clothing before reuse.

Eye contact: Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention promptly if symptoms occur after washing.

Most important symptoms/effects, acute and delayed

Symptoms: Symptoms may be delayed.

Hazards: May cause an allergic skin reaction.

Indication of immediate medical attention and special treatment needed

Treatment: Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water.

5. Fire-fighting measures

General Fire Hazards: Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Use water to keep fire exposed containers cool and disperse vapors.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Water spray, fog, CO2, dry chemical, or alcohol resistant foam.

Unsuitable extinguishing media: Avoid water in straight hose stream; will scatter and spread fire.

Specific hazards arising from the chemical: Fire or excessive heat may produce hazardous decomposition products.

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.
6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:**

Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area. Contact local authorities in case of spillage to drain/aquatic environment.

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

Stop leak if possible without any risk. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Collect for salvage or disposal. Prevent runoff from entering drains, sewers, or streams. Report spills as required to appropriate authorities. See Section 8 of the SDS for Personal Protective Equipment. For waste disposal, see section 13 of the SDS.

**Environmental Precautions:**

Avoid release to the environment.

7. Handling and storage

**Precautions for safe handling:**

Wash promptly with soap and water if skin becomes contaminated. When using do not eat, drink or smoke. Read and follow manufacturer's recommendations. Use personal protective equipment as required.

**Conditions for safe storage, including any incompatibilities:**

Store in tightly closed original container in a dry, cool and well-ventilated place.

8. Exposure controls/personal protection

**Control Parameters**

**Occupational Exposure Limits**

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Type</th>
<th>Exposure Limit Values</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silane, dichlorodimethyl-, reaction products with silica</td>
<td>AN ESL</td>
<td>0.27 µg/m3</td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (03 2012)</td>
</tr>
<tr>
<td></td>
<td>ST ESL</td>
<td>14 µg/m3</td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (12 2010)</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>0.8 mg/m3</td>
<td>US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (03 2016)</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>20 millions of particles per cubic foot of air</td>
<td>US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (03 2016)</td>
</tr>
<tr>
<td>Titanium oxide (TiO2) - Respirable fraction.</td>
<td>TWA</td>
<td>1 mg/m3</td>
<td>US. ACGIH Notice of Intended Changes (NIC) to Threshold Limit Values, as amended (02 2013)</td>
</tr>
<tr>
<td>Titanium oxide (TiO2) - Total dust.</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td>US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>10 mg/m3</td>
<td>US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended (06 2008)</td>
</tr>
<tr>
<td>Titanium oxide (TiO2)</td>
<td>ST ESL</td>
<td>50 µg/m3</td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (03 2012)</td>
</tr>
<tr>
<td>Substance</td>
<td>Value</td>
<td>Source</td>
<td></td>
</tr>
<tr>
<td>-----------------------------------</td>
<td>---------</td>
<td>------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Titanium oxide (TiO₂) - Total dust</td>
<td>5 µg/m³</td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (03 2012)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10 mg/m³</td>
<td>US. ACGIH Threshold Limit Values, as amended (12 2010)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>15 mg/m³</td>
<td>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006)</td>
<td></td>
</tr>
<tr>
<td>Titanium oxide (TiO₂) IDLH</td>
<td>5,000 mg/m³</td>
<td>US. NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended (10 2017)</td>
<td></td>
</tr>
<tr>
<td>Benzene, methyl-</td>
<td>STEL 150 ppm 560 mg/m³</td>
<td>US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA 100 ppm 375 mg/m³</td>
<td>US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STEL 150 ppm 580 mg/m³</td>
<td>US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended (06 2008)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA 100 ppm 375 mg/m³</td>
<td>US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended (06 2008)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ST ESL 640 µg/m³</td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (07 2011)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>AN ESL 1,200 µg/m³</td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (07 2011)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ST ESL 170 ppb</td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (07 2011)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>AN ESL 330 ppb</td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (12 2010)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA PEL 10 ppm 37 mg/m³</td>
<td>US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants, as amended (02 2012)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STEL 150 ppm 560 mg/m³</td>
<td>US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants, as amended (08 2010)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ceiling 500 ppm</td>
<td>US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants, as amended (08 2010)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA 20 ppm</td>
<td>US. ACGIH Threshold Limit Values, as amended (12 2010)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>REL 100 ppm 375 mg/m³</td>
<td>US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STEL 150 ppm 560 mg/m³</td>
<td>US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ceiling 300 ppm</td>
<td>US. OSHA Table Z-2 (29 CFR 1910.1000), as amended (02 2006)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MAX. CONC 500 ppm</td>
<td>US. OSHA Table Z-2 (29 CFR 1910.1000), as amended (02 2006)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA 200 ppm</td>
<td>US. OSHA Table Z-2 (29 CFR 1910.1000), as amended (02 2006)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>IDLH 500 ppm</td>
<td>US. NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended (10 2017)</td>
<td></td>
</tr>
</tbody>
</table>
**Biological Limit Values**

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Exposure Limit Values</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene, methyl- (o-Cresol, with hydrolysis: Sampling time: End of shift.)</td>
<td>0.3 mg/g (Creatinine in urine)</td>
<td>ACGIH BEI (03 2013)</td>
</tr>
<tr>
<td>Benzene, methyl- (toluene: Sampling time: End of shift.)</td>
<td>0.03 mg/l (Urine)</td>
<td>ACGIH BEI (03 2013)</td>
</tr>
<tr>
<td>Benzene, methyl- (toluene: Sampling time: Prior to last shift of work week.)</td>
<td>0.02 mg/l (Blood)</td>
<td>ACGIH BEI (03 2013)</td>
</tr>
</tbody>
</table>

**Appropriate Engineering Controls**

Adequate ventilation should be provided whenever the material is heated or mists are generated.

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

- **General information:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

- **Eye/face protection:** Wear safety glasses with side shields (or goggles).

- **Skin Protection**
  - **Hand Protection:** Use suitable protective gloves if risk of skin contact.
  - **Other:** Wear appropriate clothing to prevent repeated or prolonged skin contact.

- **Respiratory Protection:** If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

- **Hygiene measures:** Do not eat, drink or smoke when using the product. Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Avoid contact with skin.

**9. Physical and chemical properties**

**Appearance**

- **Physical state:** Solid
- **Form:** Gel liquid Plastic
- **Color:** Clear, Pale yellow
- **Odor:** No data available.
- **Odor threshold:** No data available.
- **pH:** No data available.
- **Melting point/freezing point:** No data available.
- **Initial boiling point and boiling range:** No data available.
Flash Point: No data available.

Evaporation rate: No data available.

Flammability (solid, gas): No data available.

Upper/lower limit on flammability or explosive limits
  Flammability limit - upper (%): No data available.
  Flammability limit - lower (%): No data available.
  Explosive limit - upper (%): No data available.
  Explosive limit - lower (%): No data available.

Vapor pressure: No data available.

Vapor density: No data available.

Relative density: No data available.

Solubility(ies)
  Solubility in water: No data available.
  Solubility (other): No data available.

Partition coefficient (n-octanol/water): No data available.

Auto-ignition temperature: No data available.

Decomposition temperature: No data available.

Viscosity: No data available.

10. Stability and reactivity

Reactivity: Stable

Chemical Stability: No data available.

Possibility of hazardous reactions: None under normal conditions.

Conditions to avoid: Avoid exposure to high temperatures or direct sunlight.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: By heating and fire, harmful vapors/gases may be formed.

11. Toxicological information

General information: May cause allergic skin reaction based on human experience.

Information on likely routes of exposure
  Ingestion: Ingestion may cause irritation and malaise.
  Inhalation: Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Skin Contact: Prolonged or repeated contact may cause skin sensitization in susceptible individuals.

Eye contact: Avoid contact with eyes.

Symptoms related to the physical, chemical and toxicological characteristics

Ingestion: No data available.

Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral Product: No data available.

Dermal Product: No data available.

Inhalation Product: No data available.

Repeated dose toxicity Product: No data available.

Specified substance(s):

Titanium oxide (TiO2)

NOAEL (Rat(Female, Male), Inhalation): 5 mg/m3 Inhalation Experimental result, Supporting study
LOAEL (Mouse(Female), Inhalation): 47 mg/m3 Inhalation Experimental result, Supporting study
LOAEL (Mouse(Female), Inhalation): 10.8 mg/m3 Inhalation Experimental result, Supporting study
NOAEL (Hamster, Syrian(Female), Inhalation): 9.9 mg/m3 Inhalation Experimental result, Supporting study
NOAEL (Rat(Female), Inhalation): 9.5 mg/m3 Inhalation Experimental result, Supporting study

Benzene, methyl-

LOAEL (Rat(Female, Male), Inhalation): 4,710 mg/m3 Inhalation Experimental result, Key study
NOAEL (Rat(Female, Male), Oral, 13 Weeks): 625 mg/kg Oral Experimental result, Key study
LOAEL (Rat(Female, Male), Inhalation): 2,261 mg/m3 Inhalation Experimental result, Key study
NOAEL (Rat(Female, Male), Inhalation): 2,355 mg/m3 Inhalation Experimental result, Key study
LOAEL (Rat(Female, Male), Inhalation, 26 Weeks): 1,500 ppm(m) Inhalation
Not specified, Not specified

**Skin Corrosion/Irritation**

**Product:** No data available.

**Specified substance(s):**
Titanium oxide (TiO2) in vivo (Rabbit): Not irritant Experimental result, Supporting study

Benzene, methyl- in vivo (Rabbit): Irritating Experimental result, Key study

**Serious Eye Damage/Eye Irritation**

**Product:** No data available.

**Specified substance(s):**
Titanium oxide (TiO2)
in vivo (Rabbit, 1 hrs): Not irritating EU
in vivo (Rabbit, 24 hrs): Not irritating EU
in vivo (Rabbit, 48 - 72 hrs): Minimal irritant EU
in vivo (Rabbit, 24 hrs): Not irritating EU
in vivo (Rabbit, 1 hrs): Minimal irritant EU
in vivo (Rabbit, 48 - 72 hrs): Not irritating EU
in vivo (Rabbit, 24 hrs): Minimal irritant EU
in vivo (Rabbit, 24 - 72 hrs): Not irritating EU
in vivo (Rabbit, 1 hrs): Not irritating EU
in vivo (Rabbit, 24 - 72 hrs): Minimal irritant EU
in vivo (Rabbit, 48 - 72 hrs): Not irritating EU

Benzene, methyl- in vivo (Rabbit, 24 - 72 hrs): Not irritating EU
in vivo (Rabbit, 4 d): Irritating AFNOR scale for interpretation of ocular irritation

**Respiratory or Skin Sensitization**

**Product:** No data available.

**Specified substance(s):**
Titanium oxide (TiO2) Skin sensitization:, in vivo/in vitro (Guinea pig): Non sensitising

Benzene, methyl- Skin sensitization:, in vivo (Guinea pig): Non sensitising

**Carcinogenicity**

**Product:** No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**
No carcinogenic components identified

**US. National Toxicology Program (NTP) Report on Carcinogens:**
No carcinogenic components identified
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:
No carcinogenic components identified

Germ Cell Mutagenicity

In vitro
Product: No data available.

In vivo
Product: No data available.

Reproductive toxicity
Product: No data available.

Specific Target Organ Toxicity - Single Exposure
Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure
Product: No data available.

Aspiration Hazard
Product: No data available.

Other effects: No data available.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish
Product: No data available.

Specified substance(s):
Titanium oxide (TiO2)
LC 50 (Cyprinodon variegatus, 96 h): > 10,000 mg/l Experimental result, Weight of Evidence study
LC 50 (Oncorhynchus mykiss, 96 h): > 100 mg/l Experimental result, Weight of Evidence study
EC 50 (Danio rerio, 96 h): > 100 mg/l Experimental result, Not specified
NOAEL (Oncorhynchus mykiss, 96 h): >= 100 mg/l Experimental result, Weight of Evidence study
LC 50 (Cyprinodon variegatus, 96 h): > 240 - < 370 mg/l Experimental result, Not specified

Benzene, methyl-
LC 50 (Oncorhynchus kisutch, 96 h): 5.5 mg/l Experimental result, Key study
Aquatic Invertebrates
Product: No data available.

<table>
<thead>
<tr>
<th>Specified substance(s):</th>
<th>EC 50 (Water flea (Daphnia magna), 48 h): &gt; 1,000 mg/l Intoxication</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EC 50 (Daphnia magna, 48 h): &gt; 100 mg/l Experimental result, Not specified</td>
</tr>
<tr>
<td></td>
<td>EC 50 (Daphnia magna, 48 h): &gt; 1,000 mg/l Experimental result, Weight of Evidence study</td>
</tr>
<tr>
<td></td>
<td>EC 50 (Daphnia magna, 48 h): &gt; 100 mg/l Experimental result, Supporting study</td>
</tr>
<tr>
<td></td>
<td>EC 50 (Daphnia magna, 48 h): &gt; 1,000 mg/l Experimental result, Weight of Evidence study</td>
</tr>
</tbody>
</table>

Benzene, methyl-

| LC 50 (Ceriodaphnia dubia, 2 d): 3.78 mg/l Experimental result, Key study |

Chronic hazards to the aquatic environment:

Fish
Product: No data available.

<table>
<thead>
<tr>
<th>Specified substance(s):</th>
<th>ED 0 (Phoxinus phoxinus, 30 d): &gt;= 1,000 mg/l Experimental result, Supporting study</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LC 0 (Coregonus autumnalis migratorius G., 30 d): 3 mg/l Experimental result, Supporting study</td>
</tr>
<tr>
<td></td>
<td>NOAEL (Oncorhynchus kisutch, 40 d): 1.39 mg/l Experimental result, Key study</td>
</tr>
</tbody>
</table>

Aquatic Invertebrates
Product: No data available.

<table>
<thead>
<tr>
<th>Specified substance(s):</th>
<th>EC 50 (Nitokra spinipes, 13 d): 2.03 mg/l Experimental result, Supporting study</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EC 50 (Nitokra spinipes, 13 d): 107.4 mg/l Experimental result, Supporting study</td>
</tr>
<tr>
<td></td>
<td>EC 100 (Daphnia magna, 30 d): 500 mg/l Experimental result, Supporting study</td>
</tr>
<tr>
<td></td>
<td>LC 100 (Daphnia magna, 18 d): 1,000 mg/l Experimental result, Supporting study</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Benzene, methyl-</th>
<th>LOAEL (Ceriodaphnia dubia, 7 d): 2.76 mg/l Experimental result, Key study</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EC 50 (Ceriodaphnia dubia, 7 d): 3.23 mg/l Experimental result, Key study</td>
</tr>
</tbody>
</table>

Toxicity to Aquatic Plants
Product: No data available.

Persistence and Degradability

Biodegradation
Product: No data available.

Specified substance(s):
Benzene, methyl-
- 74 % Detected in water. Experimental result, Weight of Evidence study
- 62 % Detected in water. Experimental result, Weight of Evidence study
- 81 % (5 d) Detected in water. Experimental result, Weight of Evidence study
- 73 % Detected in water. Experimental result, Weight of Evidence study
- 100 % (4 d) Detected in water. Not specified, Not specified

BOD/COD Ratio
Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)
Product: No data available.

Specified substance(s):
Titanium oxide (TiO2)
- Cyprinus carpio, Bioconcentration Factor (BCF): 550 Aquatic sediment Experimental result, Supporting study
- Cyprinus carpio, Bioconcentration Factor (BCF): 74 Aquatic sediment Experimental result, Supporting study
- Cyprinus carpio, Bioconcentration Factor (BCF): 325 Aquatic sediment Experimental result, Supporting study
- Oncorhynchus mykiss, Bioconcentration Factor (BCF): 19 - 208 Aquatic sediment Experimental result, Key study
- Cyprinus carpio, Bioconcentration Factor (BCF): 9 Aquatic sediment Experimental result, Supporting study
- Leuciscus idus, Bioconcentration Factor (BCF): 90 Aquatic sediment Experimental result, Key study
- Anguilla japonica, Bioconcentration Factor (BCF): 13.2 Aquatic sediment Not specified, Not specified

Benzene, methyl-
- Cyprinus carpio, Bioconcentration Factor (BCF): 90 Aquatic sediment Experimental result, Key study

Partition Coefficient n-octanol / water (log Kow)
Product: No data available.

Specified substance(s):
Benzene, methyl-
Log Kow: 2.73

Mobility in soil:
No data available.

Known or predicted distribution to environmental compartments
Sodium amidotrizoate No data available.
Silane, dichlorodimethyl-, reaction products with silica No data available.
Titanium oxide (TiO2) No data available.
Benzene, methyl- No data available.

Other adverse effects:
No data available.
13. Disposal considerations

**General information:** Dispose of waste and residues in accordance with local authority requirements.

**Disposal instructions:** Discharge, treatment, or disposal may be subject to national, state, or local laws. Since emptied containers retain product residue, follow label warnings even after container is emptied.

**Contaminated Packaging:** No data available.

14. Transport information

<table>
<thead>
<tr>
<th>DOTUN Number</th>
<th>Not regulated.</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN Proper Shipping Name</td>
<td>Not regulated.</td>
</tr>
<tr>
<td>Transport Hazard Class(es)</td>
<td>Not regulated.</td>
</tr>
<tr>
<td>Class</td>
<td>Not regulated.</td>
</tr>
<tr>
<td>Label(s)</td>
<td>Not regulated.</td>
</tr>
<tr>
<td>Packing Group</td>
<td>Not regulated.</td>
</tr>
<tr>
<td>Marine Pollutant</td>
<td>Not regulated.</td>
</tr>
<tr>
<td>Limited quantity</td>
<td>Not regulated.</td>
</tr>
<tr>
<td>Excepted quantity</td>
<td>Not regulated.</td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>Not regulated.</td>
</tr>
</tbody>
</table>

**IMDG**

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

<table>
<thead>
<tr>
<th>UN Number:</th>
<th>Not regulated.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper Shipping Name:</td>
<td>Not regulated.</td>
</tr>
<tr>
<td>Transport Hazard Class(es):</td>
<td></td>
</tr>
<tr>
<td>Class:</td>
<td>Not regulated.</td>
</tr>
<tr>
<td>Subsidiary risk:</td>
<td>Not regulated.</td>
</tr>
<tr>
<td>Packing Group:</td>
<td>Not regulated.</td>
</tr>
<tr>
<td>Environmental Hazards</td>
<td></td>
</tr>
<tr>
<td>Marine pollutant:</td>
<td>Not regulated.</td>
</tr>
</tbody>
</table>

Special precautions for user: Not regulated.

15. Regulatory information

US Federal Regulations

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

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Reportable quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid, sodium</td>
<td>5000 lbs.</td>
</tr>
<tr>
<td>salt (1:2)</td>
<td></td>
</tr>
<tr>
<td>Benzene, methyl-</td>
<td>1000 lbs.</td>
</tr>
</tbody>
</table>

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Delayed (Chronic) Health Hazard
Immediate (Acute) Health Hazards
Respiratory or Skin Sensitization

SARA 302 Extremely Hazardous Substance
None present or none present in regulated quantities.

SARA 304 Emergency Release Notification
None present or none present in regulated quantities.

SARA 311/312 Hazardous Chemical

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Threshold Planning Quantity</th>
</tr>
</thead>
</table>

SARA 313 (TRI Reporting)
None present or none present in regulated quantities.

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

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Reportable quantity</th>
</tr>
</thead>
</table>
Phosphoric acid, sodium salt (1:2)  Reportable quantity: 5000 lbs.
Benzene, methyl-  Reportable quantity: 1000 lbs.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):
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 (TiO2), which is [are] known to the State of California to cause cancer. This product can expose you to chemicals including, Benzene, methyl-, which is [are] known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

US. New Jersey Worker and Community Right-to-Know Act
No ingredient regulated by NJ Right-to-Know Law present.

US. Massachusetts RTK - Substance List
No ingredient regulated by MA Right-to-Know Law present.

US. Pennsylvania RTK - Hazardous Substances
No ingredient regulated by PA Right-to-Know Law present.

US. Rhode Island RTK
No ingredient regulated by RI Right-to-Know Law present.

16. Other information, including date of preparation or last revision

Issue Date: 05/06/2020
Version #: 1.2
Revision Information:
Further Information: No data available.
Disclaimer:

The information contained herein has been obtained from various sources and is believed to be correct as of the date issued. However, neither BD nor any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability for a particular use of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. BD provides SDS in electronic form so the information may be more easily accessed. Due to the possibility of errors during transmission, BD makes no representations as to the completeness or accuracy of the information.