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Company  
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07417 USA  
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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)
212357	Egg Yolk Tellurite Enrichment, 100 mL	No data available

### Other means of identification

**SDS number:** 088100179015

### Recommended restrictions

**Recommended use:** Laboratory Chemicals

**Restrictions on use:** None known.

### Manufacturer/Importer/Distributor Information

#### Manufacturer

Company Name: BD, Integrated Diagnostic Solutions  
Address: 7 Loveton Circle  
Sparks, MD 21152  
USA

Telephone: 1 844 823 5433  
Fax: not available  
Contact Person: Tech Services

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

## 2. Hazard(s) identification

### Hazard Classification

Not classified

### Label Elements

**Hazard Symbol:** No symbol



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**Signal Word:** No signal word.

**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 (%)*
potassium tellurate	No data available.	7790-58-1	0.0534%
1,2,3-Propanetriol	No data available.	56-81-5	0.0085%

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

The exact concentration has been withheld as a trade secret.

### 4. First-aid measures

#### Description of necessary first-aid measures

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

**Inhalation:** Provide fresh air, warmth and rest, preferably in comfortable upright sitting position.

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

**Eye contact:** Flush thoroughly with water. If irritation occurs, get medical assistance.



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**Ingestion:** 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.

**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:** No data available.

**5. Fire-fighting measures**

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

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** Water spray, fog, CO2, 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.



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**Special protective equipment for firefighters:**

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:**

No special precautionary health measures should be needed under anticipated conditions of use.

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

No specific clean-up procedure noted.

**Environmental Precautions:**

Avoid release to the environment.

**7. Handling and storage**

**Handling**

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

No special requirements under ordinary conditions of use and with adequate ventilation.

**Safe handling advice:**

When using do not eat, drink or smoke. Read and follow manufacturer's recommendations. Use personal protective equipment as required.

**Contact avoidance measures:**

No data available.

**Storage**

**Safe storage conditions:**

Store in a cool, dry place. Keep container tightly closed.

**Safe packaging materials:**

No data available.



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**8. Exposure controls/personal protection**

**Control Parameters**

**Occupational Exposure Limits**

Chemical Identity	Type	Exposure Limit Values	Source
potassium tellurate - as Te	TWA	0.1 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
	TWA	0.1 mg/m <sup>3</sup>	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended (06 2008)
potassium tellurate	AN ESL	0.1 µg/m <sup>3</sup>	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (12 2010)
	ST ESL	1 µg/m <sup>3</sup>	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (12 2010)
potassium tellurate - as Te	TWA PEL	0.1 mg/m <sup>3</sup>	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants, as amended (08 2010)
	TWA	0.1 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values, as amended (12 2010)
	REL	0.1 mg/m <sup>3</sup>	US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)
	PEL	0.1 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006)
1,2,3-Propanetriol - Total dust.	TWA	10 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
1,2,3-Propanetriol - Respirable fraction.	TWA	5 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
1,2,3-Propanetriol - Respirable fraction and dust or fume.	TWA	5 mg/m <sup>3</sup>	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended (06 2008)
1,2,3-Propanetriol - Total dust and mist.	TWA	10 mg/m <sup>3</sup>	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended (06 2008)
1,2,3-Propanetriol	ST ESL	50 µg/m <sup>3</sup>	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (03 2012)
	AN ESL	5 µg/m <sup>3</sup>	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (03 2012)
	ST ESL	1,000 µg/m <sup>3</sup>	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (03 2012)
	AN ESL	100 µg/m <sup>3</sup>	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (03 2012)



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1,2,3-Propanetriol - Respirable fraction.	PEL	5 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006)
1,2,3-Propanetriol - Total dust.	PEL	15 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006)

**Appropriate Engineering Controls** No special requirements under ordinary conditions of use and with adequate ventilation.

**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:** Chemical resistant gloves
  - Other:** Wear a lab coat or similar protective clothing.
- Respiratory Protection:** Respiratory protection not required.
- Hygiene measures:** Observe good industrial hygiene practices.

**9. Physical and chemical properties**

**Information on basic physical and chemical properties**

**Appearance**

- Physical state:** Liquid
- Form:** Liquid
- Color:** According to product specification.
- Odor:** Characteristic
- Odor Threshold:** No data available.
- Freezing point:** No data available.
- Boiling Point:** No data available.



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<b>Flammability:</b>	Not applicable
<b>Upper/lower limit on flammability or explosive limits</b>	
<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>	No data available.
<b>Viscosity</b>	
<b>Dynamic viscosity:</b>	Not determined.
<b>Kinematic viscosity:</b>	Not determined.
<b>Flow Time:</b>	Not applicable
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Completely Soluble
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	No data available.
<b>Vapor pressure:</b>	No data available.
<b>Relative density:</b>	No data available.
<b>Density:</b>	No data available.
<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

**Other information**

<b>Metal Corrosion:</b>	Non-corrosive per US Department of Transportation testing protocol.
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## 10. Stability and reactivity

<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>	Not known.
<b>Conditions to avoid:</b>	Avoid exposure to high temperatures or direct sunlight.
<b>Incompatible Materials:</b>	Strong oxidizers.
<b>Hazardous Decomposition Products:</b>	Not known.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation:</b>	No data available.
<b>Skin Contact:</b>	No data available.
<b>Eye contact:</b>	No data available.
<b>Ingestion:</b>	No data available.

### Information on toxicological effects

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

##### Oral

<b>Product:</b>	No data available.
<b>Components:</b>	
potassium tellurate	No data available.
1,2,3-Propanetriol	LD 50 (Rat): 18,300 mg/kg Experimental result, Supporting study LD 50 (Rat): 27,200 mg/kg Experimental result, Key study

##### Dermal



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**Product:** No data available.  
**Components:**  
potassium tellurate No data available.  
1,2,3-Propanetriol No data available.

**Inhalation**  
**Product:** No data available.  
**Components:**  
potassium tellurate  
1,2,3-Propanetriol

**Repeated dose toxicity**  
**Product:** No data available.  
**Components:**  
potassium tellurate No data available.  
1,2,3-Propanetriol LOAEL (Rat(Female, Male), Oral, 90 d): 200,000 ppm(m) Oral Experimental result, Key study  
NOAEL (Rat(Female, Male), Inhalation): 167 mg/m3 Inhalation Experimental result, Key study  
LOAEL (Rat(Female, Male), Inhalation): 1,000 mg/m3 Inhalation Experimental result, Supporting study

**Skin Corrosion/Irritation**  
**Product:** No data available.  
**Components:**  
potassium tellurate No data available.  
1,2,3-Propanetriol No data available.

**Serious Eye Damage/Eye Irritation**  
**Product:** No data available.  
**Components:**  
potassium tellurate No data available.  
1,2,3-Propanetriol Not irritating in vivo Rabbit, 24 hrs: Expert judgment

**Respiratory or Skin Sensitization**  
**Product:** No data available.  
**Components:**  
potassium tellurate No data available.  
1,2,3-Propanetriol No data available.

**Carcinogenicity**  
**Product:** No data available.  
**Components:**  
potassium tellurate No data available.



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1,2,3-Propanetriol                      No data available.

**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**

**Product:**                                      No data available.

**Components:**  
potassium tellurate                      No data available.  
1,2,3-Propanetriol                        No data available.

**In vivo**

**Product:**                                      No data available.

**Components:**  
potassium tellurate                      No data available.  
1,2,3-Propanetriol                        No data available.

**Reproductive toxicity**

**Product:**                                      No data available.

**Components:**  
potassium tellurate                      No data available.  
1,2,3-Propanetriol                        No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:**                                      No data available.

**Components:**  
potassium tellurate                      No data available.  
1,2,3-Propanetriol                        No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:**                                      No data available.

**Components:**  
potassium tellurate                      No data available.



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1,2,3-Propanetriol No data available.

**Aspiration Hazard**

**Product:** No data available.  
**Components:**  
potassium tellurate No data available.  
1,2,3-Propanetriol No data available.

**Information on health hazards**

**Other hazards**

**Product:** No data available.

**12. Ecological information**

**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

**Fish**

**Product:** No data available.  
**Components:**  
potassium tellurate No data available.  
1,2,3-Propanetriol LC 50 (Rainbow trout,donaldson trout (Oncorhynchus mykiss), 96 h): 51,000 - 57,000 mg/l Mortality  
LC 50 (Goldfish (Carassius auratus), 24 h): > 5,000 mg/l Mortality  
LC 50 (Pimephales promelas, 96 h): 885 mg/l Experimental result, Supporting study  
LC 50 (Oncorhynchus mykiss, 96 h): 54,000 mg/l Experimental result, Key study

**Aquatic Invertebrates**

**Product:** No data available.  
**Components:**  
potassium tellurate No data available.  
1,2,3-Propanetriol EC 50 (Daphnia magna, 24 h): > 10,000 mg/l Experimental result, Weight of Evidence study  
EC 50 (Daphnia magna, 24 h): > 10,000 mg/l Experimental result, Weight of Evidence study

**Toxicity to Aquatic Plants**

**Product:** No data available.  
**Components:**  
potassium tellurate No data available.  
1,2,3-Propanetriol No data available.



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**Toxicity to microorganisms**

**Product:** No data available.  
**Components:**  
potassium tellurate No data available.  
1,2,3-Propanetriol No data available.

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** No data available.  
**Components:**  
potassium tellurate No data available.  
1,2,3-Propanetriol No data available.

**Aquatic Invertebrates**

**Product:** No data available.  
**Components:**  
potassium tellurate No data available.  
1,2,3-Propanetriol No data available.

**Toxicity to Aquatic Plants**

**Product:** No data available.  
**Components:**  
potassium tellurate No data available.  
1,2,3-Propanetriol No data available.

**Toxicity to microorganisms**

**Product:** No data available.  
**Components:**  
potassium tellurate No data available.  
1,2,3-Propanetriol No data available.

**Persistence and Degradability**

**Biodegradation**

**Product:** No data available.  
**Components:**  
potassium tellurate No data available.  
1,2,3-Propanetriol 94 % Detected in water. Experimental result, Key study  
86 % Detected in water. Experimental result, Key study  
98.7 % (24 h) Detected in water. Experimental result, Supporting study  
60 % Detected in water. Experimental result, Key study

**BOD/COD Ratio**

**Product:** No data available.



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**Components:**  
potassium tellurate No data available.  
1,2,3-Propanetriol No data available.

**Bioaccumulative potential**

**Bioconcentration Factor (BCF)**

**Product:** No data available.  
**Components:**  
potassium tellurate No data available.  
1,2,3-Propanetriol No data available.

**Partition Coefficient n-octanol / water (log Kow)**

**Product:** Log Kow: No data available.  
**Components:**  
potassium tellurate No data available.  
1,2,3-Propanetriol Log Kow: -1.76

**Mobility in soil:**

**Product** No data available.  
**Components:**  
potassium tellurate No data available.  
1,2,3-Propanetriol No data available.

**Results of PBT and vPvB assessment:**

**Product** No data available.  
**Components:**  
potassium tellurate No data available.  
1,2,3-Propanetriol No data available.

**Other adverse effects:**

**Other hazards**  
**Product:** No data available.  
**Components:**  
potassium tellurate No data available.  
1,2,3-Propanetriol No data available.

**13. Disposal considerations**



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

**Disposal methods:** No specific disposal method required.

**Contaminated Packaging:** No data available.

#### 14. Transport information

**DOTUN 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.

#### **IMDG**

**UN 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.



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**IATA**

UN 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.

**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. 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.

**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.



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**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**

No ingredient requiring a warning under CA Prop 65.

**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.

**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:** 06/18/2021

**Version #:** 1.1

**Further Information:** No data available.

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