



Becton, Dickinson and  
Company  
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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)
443925	BD Molecular Swab Collection Kit	No data available

### 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  
**Signal Word:** No signal word.  
**Hazard Statement:** Not applicable  
**Precautionary Statements** Not applicable

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

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### 3. Composition/information on ingredients

#### Mixtures

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%) <sup>*</sup>
CMIT/MIT mixture (3:1) - a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC No 220-239-6] (3:1)	Kathon 886	55965-84-9	0.0011%

<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

<b>General information:</b>	Get medical attention if symptoms occur.
<b>Inhalation:</b>	Provide fresh air, warmth and rest, preferably in comfortable upright sitting position.
<b>Skin Contact:</b>	Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.
<b>Eye contact:</b>	Flush thoroughly with water. If irritation occurs, get medical assistance.
<b>Ingestion:</b>	Get medical attention if symptoms occur.
<b>Personal Protection for First-aid Responders:</b>	No data available.
<b>Most important symptoms and effects, both acute and delayed</b>	
<b>Symptoms:</b>	No data available.
<b>Hazards:</b>	No data available.

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

<b>Treatment:</b>	No data available.
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### 5. Fire-fighting measures



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<b>General Fire Hazards:</b>	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Use water spray to keep fire-exposed containers cool.
<b>Suitable (and unsuitable) extinguishing media</b>	
<b>Suitable extinguishing media:</b>	Water spray, fog, CO2, dry chemical, or alcohol resistant foam.
<b>Unsuitable extinguishing media:</b>	None known.
<b>Special hazards arising from the substance or mixture:</b>	None known.
<b>Special protective equipment and precautions for firefighters</b>	
<b>Special fire fighting procedures:</b>	No unusual fire or explosion hazards noted.
<b>Special protective equipment for fire-fighters:</b>	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

<b>Personal precautions, protective equipment and emergency procedures:</b>	No special precautionary health measures should be needed under anticipated conditions of use.
<b>Accidental release measures:</b>	No data available.
<b>Methods and material for containment and cleaning up:</b>	No specific clean-up procedure noted.
<b>Environmental Precautions:</b>	Avoid release to the environment.

## 7. Handling and storage

### Handling

<b>Technical measures (e.g. Local and general ventilation):</b>	No special requirements under ordinary conditions of use and with adequate ventilation.
<b>Safe handling advice:</b>	When using do not eat, drink or smoke. Read and follow manufacturer's recommendations. Use personal protective equipment as required.
<b>Contact avoidance measures:</b>	No data available.

### Storage



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**Safe storage conditions:** Store in a cool, dry place. Keep container tightly closed.  
**Safe packaging materials:** No data available.

**8. Exposure controls/personal protection**

**Control Parameters**

**Occupational Exposure Limits**

None of the components have assigned exposure limits.

**Biological Limit Values**

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

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

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

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

**Skin Protection**

**Hand Protection:** Material: Chemical resistant gloves

**Skin and Body Protection:** 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.

**Flammability:** No data available.

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

**Explosive limit - upper:** No data available.



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<b>Explosive limit - lower:</b>	No data available.
<b>Flash Point:</b>	No data available.
<b>Self Ignition Temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	No data available.
<b>pH:</b>	No data available.
<b>Viscosity</b>	
<b>Dynamic viscosity:</b>	No data available.
<b>Kinematic viscosity:</b>	No data available.
<b>Flow Time:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	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>	No data available.
<b>Relative vapor density:</b>	No data available.

<b>Particle characteristics</b>	
<b>Particle Size:</b>	No data available.
<b>Particle Size Distribution:</b>	No data available.
<b>Specific surface area:</b>	No data available.
<b>Surface charge/Zeta potential:</b>	No data available.
<b>Shape:</b>	No data available.
<b>Crystallinity:</b>	No data available.
<b>Surface treatment:</b>	No data available.

## 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.



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**Incompatible Materials:** Strong oxidizers.

**Hazardous Decomposition Products:** Not known.

## 11. Toxicological information

### Information on toxicological effects

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

**Ingestion:** No data available.

### Information on likely routes of exposure

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

##### Oral

**Product:** Not classified for acute toxicity based on available data.

##### Components:

CMIT/MIT mixture (3:1) - Toxic if swallowed.  
a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] and 2-methyl-4-isothiazolin-3-one [E

##### Dermal

**Product:** ATEmix: 33,665.5 mg/kg

##### Components:

CMIT/MIT mixture (3:1) - Toxic in contact with skin.  
a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] and 2-methyl-4-isothiazolin-3-one [E

##### Inhalation

**Product:** Not classified for acute toxicity based on available data.

##### Components:

CMIT/MIT mixture (3:1) - Toxic by inhalation.  
a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7]



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and 2-methyl-4-  
isothiazolin-3-one [E

**Repeated dose toxicity**

**Product:** No data available.

**Components:**  
CMIT/MIT mixture (3:1) - No data available.  
a mixture of: 5-chloro-2-  
methyl-4-isothiazolin-3-  
one [EC No 247-500-7]  
and 2-methyl-4-  
isothiazolin-3-one [E

**Skin Corrosion/Irritation**

**Product:** No data available.

**Components:**  
CMIT/MIT mixture (3:1) -  
a mixture of: 5-chloro-2-  
methyl-4-isothiazolin-3-  
one [EC No 247-500-7]  
and 2-methyl-4-  
isothiazolin-3-one [E

**Serious Eye Damage/Eye Irritation**

**Product:** No data available.

**Components:**  
CMIT/MIT mixture (3:1) - Causes serious eye damage.  
a mixture of: 5-chloro-2-  
methyl-4-isothiazolin-3-  
one [EC No 247-500-7]  
and 2-methyl-4-  
isothiazolin-3-one [E

**Respiratory or Skin Sensitization**

**Product:** No data available.

**Components:**  
CMIT/MIT mixture (3:1) - May cause an allergic skin reaction.  
a mixture of: 5-chloro-2-  
methyl-4-isothiazolin-3-  
one [EC No 247-500-7]  
and 2-methyl-4-  
isothiazolin-3-one [E

**Carcinogenicity**

**Product:** No data available.

**Components:**  
CMIT/MIT mixture (3:1) - No data available.  
a mixture of: 5-chloro-2-  
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one [EC No 247-500-7]  
and 2-methyl-4-  
isothiazolin-3-one [E



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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**

**Product:** No data available.

**Components:**

CMIT/MIT mixture (3:1) - No data available.  
a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] and 2-methyl-4-isothiazolin-3-one [E

**In vivo**

**Product:** No data available.

**Components:**

CMIT/MIT mixture (3:1) - No data available.  
a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] and 2-methyl-4-isothiazolin-3-one [E

**Reproductive toxicity**

**Product:** No data available.

**Components:**

CMIT/MIT mixture (3:1) - Based on available data, the classification criteria are not met.  
a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] and 2-methyl-4-isothiazolin-3-one [E

**Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

**Components:**



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CMIT/MIT mixture (3:1) - No data available.  
a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] and 2-methyl-4-isothiazolin-3-one [E]

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

**Components:**

CMIT/MIT mixture (3:1) - No data available.  
a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] and 2-methyl-4-isothiazolin-3-one [E]

**Aspiration Hazard**

**Product:** No data available.

**Components:**

CMIT/MIT mixture (3:1) - No data available.  
a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] and 2-methyl-4-isothiazolin-3-one [E]

**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:**

CMIT/MIT mixture (3:1) - No data available.  
a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] and 2-methyl-4-isothiazolin-3-one [E]

**Aquatic Invertebrates**

**Product:** No data available.

**Components:**



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CMIT/MIT mixture (3:1) - No data available.  
a mixture of: 5-chloro-2-  
methyl-4-isothiazolin-3-  
one [EC No 247-500-7]  
and 2-methyl-4-  
isothiazolin-3-one [E

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Components:**

CMIT/MIT mixture (3:1) - No data available.  
a mixture of: 5-chloro-2-  
methyl-4-isothiazolin-3-  
one [EC No 247-500-7]  
and 2-methyl-4-  
isothiazolin-3-one [E

**Toxicity to microorganisms**

**Product:** No data available.

**Components:**

CMIT/MIT mixture (3:1) - No data available.  
a mixture of: 5-chloro-2-  
methyl-4-isothiazolin-3-  
one [EC No 247-500-7]  
and 2-methyl-4-  
isothiazolin-3-one [E

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Components:**

CMIT/MIT mixture (3:1) - No data available.  
a mixture of: 5-chloro-2-  
methyl-4-isothiazolin-3-  
one [EC No 247-500-7]  
and 2-methyl-4-  
isothiazolin-3-one [E

**Aquatic Invertebrates**

**Product:** No data available.

**Components:**

CMIT/MIT mixture (3:1) - No data available.  
a mixture of: 5-chloro-2-  
methyl-4-isothiazolin-3-  
one [EC No 247-500-7]  
and 2-methyl-4-  
isothiazolin-3-one [E

**Toxicity to Aquatic Plants**

**Product:** No data available.



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**Components:**

CMIT/MIT mixture (3:1) - No data available.  
a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] and 2-methyl-4-isothiazolin-3-one [E]

**Toxicity to microorganisms**

**Product:** No data available.

**Components:**

CMIT/MIT mixture (3:1) - No data available.  
a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] and 2-methyl-4-isothiazolin-3-one [E]

**Persistence and Degradability**

**Biodegradation**

**Product:** No data available.

**Components:**

CMIT/MIT mixture (3:1) - Readily biodegradable  
a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] and 2-methyl-4-isothiazolin-3-one [E]

**BOD/COD Ratio**

**Product:** No data available.

**Components:**

CMIT/MIT mixture (3:1) - No data available.  
a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] and 2-methyl-4-isothiazolin-3-one [E]

**Bioaccumulative potential**

**Bioconcentration Factor (BCF)**

**Product:** No data available.

**Components:**

CMIT/MIT mixture (3:1) - No data available.  
a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] and 2-methyl-4-isothiazolin-3-one [E]



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

**Product:** No data available.

**Components:**

CMIT/MIT mixture (3:1) - No data available.  
a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] and 2-methyl-4-isothiazolin-3-one [E

**Mobility in soil:**

**Product** No data available.

**Components:**

CMIT/MIT mixture (3:1) - a No data available.  
mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] and 2-methyl-4-isothiazolin-3-one [E

**Results of PBT and vPvB assessment:**

**Product** No data available.

**Components:**

CMIT/MIT mixture (3:1) - a Not applicable  
mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] and 2-methyl-4-isothiazolin-3-one [E

**Other adverse effects:**

**Other hazards**

**Product:** No data available.

**13. Disposal considerations**

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

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

**Contaminated Packaging:** 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.



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#### 14. Transport information

**DOTUN** 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.

#### 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.

#### 15. Regulatory information

##### US Federal Regulations

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

**US. EPCRA (SARA Title III Section 313 Toxic Chemical Release Inventory (TRI) Reporting**

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**



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**Montreal protocol**  
Not applicable

**Stockholm convention**  
Not applicable

**Rotterdam convention**  
Not applicable

**Kyoto protocol**  
Not applicable

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

**Issue Date:** 05/17/2022

**Version #:** 1.3

**Source of information:** European Chemicals Agency (ECHA): Information on Chemicals.

**Further Information:** No data available.

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