



**Becton, Dickinson and Company**  
BD, Franklin Lakes, NJ  
07417 USA  
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# SAFETY DATA SHEET

## 1. Identification

### Product identifier

| Product No.: | Product name:                    | Common name(s), synonym(s) |
|--------------|----------------------------------|----------------------------|
| 220529       | Kit Uvt 3MI With Flocked Minitip |                            |

### Other means of identification

SDS number: 088100177791

### Recommended use and restriction on use

**Recommended use:** Laboratory Chemicals

**Restrictions on use:** None known.

### Manufacturer/Importer/Supplier/Distributor Information

#### Manufacturer

Company Name: COPAN ITALIA SpA  
Address: Via F. Perotti 10  
25235 Brescia Italy

Telephone:  
Fax:

#### Supplier

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

Telephone: 1 410 771 0100 or 1 800 638 8663  
Fax:  
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



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**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 (%)* |
|-------------------|--------------------------|------------|-------------------------|
| D(+)-Sucrose      |                          | 57-50-1    | 6%                      |

\* 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:** DO NOT induce vomiting. Get medical attention immediately.

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

**Skin Contact:** Wash skin thoroughly with soap and water.

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

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

**Symptoms:** 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, CO<sub>2</sub>, dry chemical, or alcohol resistant foam.

**Unsuitable extinguishing media:** None known.

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



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**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:** 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**

**Precautions for safe handling:** When using do not eat, drink or smoke. Read and follow manufacturer's recommendations. Use personal protective equipment as required. Do not breathe mist or vapor.

**Conditions for safe storage, including any incompatibilities:** Store in a cool, dry place. Keep container tightly closed.

**8. Exposure controls/personal protection**

**Control Parameters**

**Occupational Exposure Limits**

| Chemical Identity                   | Type   | Exposure Limit Values | Source  |
|-------------------------------------|--------|-----------------------|---|
| D(+)-Sucrose - Respirable fraction. | TWA    | 5 mg/m3               | US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)  |
| D(+)-Sucrose - Total dust.          | TWA    | 15 mg/m3              | US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)  |
| D(+)-Sucrose - Respirable fraction. | TWA    | 5 mg/m3               | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended (06 2008)                    |
| D(+)-Sucrose - Total dust.          | TWA    | 15 mg/m3              | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended (06 2008)                    |
| D(+)-Sucrose - Particulate.         | AN ESL | 5 µg/m3               | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (12 2010) |
|                                     | ST ESL | 50 µg/m3              | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (12 2010) |
| D(+)-Sucrose                        | TWA    | 10 mg/m3              | US. ACGIH Threshold Limit Values, as amended (12 2010)  |



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|                                     |     |          |   |
|-------------------------------------|-----|----------|---|
| D(+)-Sucrose - Total                | REL | 10 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)                          |
| D(+)-Sucrose - Respirable.          | REL | 5 mg/m3  | US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)                          |
| D(+)-Sucrose - Total dust.          | PEL | 15 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006) |
| D(+)-Sucrose - Respirable fraction. | PEL | 5 mg/m3  | 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**

**Appearance**

- Physical state:** liquid
- Form:** liquid
- Color:** According to product specification.
- Odor:** Characteristic
- 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:** Not applicable
- 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.



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|   |                    |
|---|--------------------|
| <b>Explosive limit - upper (%):</b>             | No data available. |
| <b>Explosive limit - lower (%):</b>             | No data available. |
| <b>Vapor pressure:</b>                          | No data available. |
| <b>Vapor density:</b>                           | No data available. |
| <b>Relative density:</b>                        | No data available. |
| <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>Auto-ignition temperature:</b>               | No data available. |
| <b>Decomposition temperature:</b>               | No data available. |
| <b>Viscosity:</b>                               | Not determined.    |

## 10. Stability and reactivity

|  |   |
|--|---|
| <b>Reactivity:</b>                         | Stable under normal temperature conditions and recommended use. |
| <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

|   |   |
|---|---|
| <b>General information:</b>   | No data on possible toxicity effects have been found.                     |
| <b>Information on likely routes of exposure</b>                                     |   |
| <b>Ingestion:</b>   | No harmful effects expected in amounts likely to be ingested by accident. |
| <b>Inhalation:</b>  | Limited inhalation hazard at normal work temperatures.                    |
| <b>Skin Contact:</b>  | Negligible irritation to skin at ambient temperatures.                    |
| <b>Eye contact:</b>   | Do not get in eyes.   |
| <b>Symptoms related to the physical, chemical and toxicological characteristics</b> |   |
| <b>Ingestion:</b>   | No specific symptoms noted.   |
| <b>Inhalation:</b>  | No specific symptoms noted.   |



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**Skin Contact:** No specific symptoms noted.

**Eye contact:** No specific symptoms noted.

**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.

**Skin Corrosion/Irritation**

**Product:** No data available.

**Serious Eye Damage/Eye Irritation**

**Product:** No data available.

**Respiratory or Skin Sensitization**

**Product:** No data available.

**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):**

No carcinogenic components identified



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### **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:** None known.

## **12. Ecological information**

### **Ecotoxicity:**

#### **Acute hazards to the aquatic environment:**

**Fish**  
**Product:** No negative effects on the aquatic environment are known.

**Aquatic Invertebrates**  
**Product:** No negative effects on the aquatic environment are known.

#### **Chronic hazards to the aquatic environment:**

**Fish**  
**Product:** No negative effects on the aquatic environment are known.

**Aquatic Invertebrates**  
**Product:** No negative effects on the aquatic environment are known.

**Toxicity to Aquatic Plants**  
**Product:** No negative effects on the aquatic environment are known.

### **Persistence and Degradability**



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**Biodegradation**  
**Product:** Expected to be readily biodegradable.

**BOD/COD Ratio**  
**Product:** No data available.

**Bioaccumulative potential**  
**Bioconcentration Factor (BCF)**  
**Product:** No data available.

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

**Mobility in soil:** No data available.

**Known or predicted distribution to environmental compartments**  
D(+)-Sucrose No data available.

**Other adverse effects:** The product is not expected to be hazardous to the environment.

### 13. Disposal considerations

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

**Disposal instructions:** 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.



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**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. |

**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. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

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

**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.





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