

# SAFETY DATA SHEET

| 1. Identification  |  |                             |
|--|--|-----------------------------|
| Product identifier   |  |                             |
| Product No.:   | Product name:  | Common name(s), synonym(s)  |
| 660586   | BD™ Extended Flow Cell Clean Solution  |                             |
| Other means of identification SDS number:                            | 088100200357   |                             |
| Recommended use and restrie  | ction on use   |                             |
| <b>Recommended use:</b> Reserv<br><b>Restrictions on use:</b> None k | ed for industrial and professional un nown.                                  | se.                         |
| Manufacturer/Importer/Suppli   | er/Distributor Information   |                             |
| Manufacturer   |  |                             |
| Company Name:<br>Address:  | Becton, Dickinson and Company -<br>2350 Qume Drive<br>95131 San Jose, CA USA | BD Biosciences              |
| Telephone:<br>Fax:   | 1 877 232 8995 or 1 800 424 9300   | )                           |
| Contact Person:<br>E-mail:   | Technical Services<br>ResearchApplications@bd.com or                         | ClinicalApplications@bd.com |
| Emergency telephone  | number: ChemTrec 1 800 424 93  | 00                          |
| 2. Hazard(s) identification  |  |                             |
| Hazard Classification  | Not classified   |                             |
| Label Elements   |  |                             |
| Hazard Symbol:   | No symbol  |                             |
| Signal Word:   | No signal word.  |                             |
| Hazard Statement:<br>Precautionary<br>Statements                     | Not applicable<br>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 (%)* |
|---|--------------------------|------------|-------------------------|
| Ethanol   |                          | 64-17-5    | 4.7184%                 |
| Methanol  |                          | 67-56-1    | 0.2483%                 |
| * 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: Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person. 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: Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. 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 Use fire-extinguishing media appropriate for surrounding materials. media: Unsuitable extinguishing Not applicable media: Specific hazards arising from Fire or excessive heat may produce hazardous decomposition products. the chemical:



## Special protective equipment and precautions for firefighters

| Special fire fighting<br>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 measure  | S   |
| Personal precautions,<br>protective equipment and<br>emergency procedures: | Contact local authorities in case of spillage to drain/aquatic environment.<br>Ensure suitable personal protection (including respiratory protection) during<br>removal of spillages in a confined area.              |
| Methods and material for<br>containment and cleaning<br>up:                | Absorb spillage with suitable absorbent material. Prevent runoff from entering drains, sewers, or streams. 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:                                      | When using do not eat, drink or smoke. Read and follow manufacturer's recommendations. Use personal protective equipment as required. |
|---|---|
| Conditions for safe storage,<br>including any<br>incompatibilities: | Store in a cool, dry place. Keep container tightly closed.  |

## 8. Exposure controls/personal protection

## **Control Parameters**

## **Occupational Exposure Limits**

| Chemical Identity | Туре    | Exposure Lin | nit Values      | Source  |
|-------------------|---------|--------------|-----------------|---|
| Ethanol           | TWA     | 1,000 ppm    | 1,900 mg/m3     | US. OSHA Table Z-1-A (29 CFR 1910.1000)<br>(1989)   |
|                   | TWA     | 1,000 ppm    | 1,900 mg/m3     | US. Tennessee. OELs. Occupational Exposure<br>Limits, Table Z1A (06 2008)                       |
|                   | AN ESL  |              | 1,000 ppb       | US. Texas. Effects Screening Levels (Texas<br>Commission on Environmental Quality) (12<br>2010) |
|                   | ST ESL  |              | 10,000 ppb      | US. Texas. Effects Screening Levels (Texas<br>Commission on Environmental Quality) (12<br>2010) |
|                   | AN ESL  |              | 1,880 µg/m3     | US. Texas. Effects Screening Levels (Texas<br>Commission on Environmental Quality) (12<br>2010) |
|                   | ST ESL  |              | 18,800<br>μg/m3 | US. Texas. Effects Screening Levels (Texas<br>Commission on Environmental Quality) (12<br>2010) |
|                   | TWA PEL | 1,000 ppm    | 1,900 mg/m3     | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (08            |



|          |         |           |             | 2010)  |
|----------|---------|-----------|-------------|--|
|          | STEL    | 1,000 ppm |             | US. ACGIH Threshold Limit Values (12 2010)   |
|          | REL     | 1,000 ppm | 1,900 mg/m3 | US. NIOSH: Pocket Guide to Chemical<br>Hazards (2005)  |
|          | PEL     | 1,000 ppm | 1,900 mg/m3 | US. OSHA Table Z-1 Limits for Air<br>Contaminants (29 CFR 1910.1000) (02 2006)                   |
| Methanol | STEL    | 250 ppm   | 325 mg/m3   | US. OSHA Table Z-1-A (29 CFR 1910.1000)<br>(1989)  |
|          | TWA     | 200 ppm   | 260 mg/m3   | US. OSHA Table Z-1-A (29 CFR 1910.1000)<br>(1989)  |
|          | STEL    | 250 ppm   | 325 mg/m3   | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)                           |
|          | TWA     | 200 ppm   | 260 mg/m3   | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)                           |
|          | ST ESL  |           | 2,620 µg/m3 | US. Texas. Effects Screening Levels (Texas<br>Commission on Environmental Quality) (12<br>2010)  |
|          | AN ESL  |           | 200 ppb     | US. Texas. Effects Screening Levels (Texas<br>Commission on Environmental Quality) (12<br>2010)  |
|          | AN ESL  |           | 262 µg/m3   | US. Texas. Effects Screening Levels (Texas<br>Commission on Environmental Quality) (12<br>2010)  |
|          | ST ESL  |           | 2,000 ppb   | US. Texas. Effects Screening Levels (Texas<br>Commission on Environmental Quality) (12<br>2010)  |
|          | STEL    | 250 ppm   | 325 mg/m3   | US. California Code of Regulations, Title 8,<br>Section 5155. Airborne Contaminants (08<br>2010) |
|          | TWA PEL | 200 ppm   | 260 mg/m3   | US. California Code of Regulations, Title 8,<br>Section 5155. Airborne Contaminants (08<br>2010) |
|          | Ceiling | 1,000 ppm |             | US. California Code of Regulations, Title 8,<br>Section 5155. Airborne Contaminants (08<br>2010) |
|          | STEL    | 250 ppm   |             | US. ACGIH Threshold Limit Values (12 2010)   |
|          | TWA     | 200 ppm   |             | US. ACGIH Threshold Limit Values (12 2010)   |
|          | REL     | 200 ppm   | 260 mg/m3   | US. NIOSH: Pocket Guide to Chemical<br>Hazards (2005)  |
|          | STEL    | 250 ppm   | 325 mg/m3   | US. NIOSH: Pocket Guide to Chemical<br>Hazards (2005)  |
|          | PEL     | 200 ppm   | 260 mg/m3   | US. OSHA Table Z-1 Limits for Air<br>Contaminants (29 CFR 1910.1000) (02 2006)                   |

## **Biological Limit Values**

| Chemical Identity                                    | Exposure Limit Values | Source              |
|--|-----------------------|---------------------|
| Methanol (methanol:<br>Sampling time: End of shift.) | 15 mg/l (Urine)       | ACGIH BEI (03 2013) |

## 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<br>handling the material and before eating, drinking, and/or smoking. Routinely<br>wash work clothing to remove contaminants. Discard contaminated<br>footwear that cannot be cleaned.  |
|---|--|
| Eye/face protection:                          | Wear safety glasses with side shields (or goggles).  |
| Skin Protection<br>Hand Protection:<br>Other: | Chemical resistant gloves Suitable gloves can be recommended by the glove supplier. Wash hands after contact.<br>Wear a lab coat or similar protective clothing.   |
|   | Wear a lab ooat of ormital protocitive oforming.   |
| Respiratory Protection:                       | If engineering controls do not maintain airborne concentrations below<br>recommended exposure limits (where applicable) or to an acceptable level<br>(in countries where exposure limits have not been established), an<br>approved respirator must be worn. |
| Hygiene measures:                             | Observe good industrial hygiene practices.   |

## 9. Physical and chemical properties

## Appearance

| Physical state:                                | liquid             |
|--|--------------------|
| Form:  | Aqueous Solution   |
| Color:   | Colorless          |
| 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:                                   | No data available. |
| Evaporation rate:                              | No data available. |
| Flammability (solid, gas):                     | No data available. |
| Upper/lower limit on flammability or explosive | ve 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. |



| No data available. |
|--------------------|
| No data available. |
|                    |

## 10. Stability and reactivity

| Reactivity:                            | Stable under normal temperature conditions and recommended use. |
|--|---|
| Chemical Stability:                    | Material is stable under normal conditions.                     |
| Possibility of hazardous<br>reactions: | Not determined.   |
| Conditions to avoid:                   | Avoid exposure to high temperatures or direct sunlight.         |
| Incompatible Materials:                | Metals. Water reactive material.                                |
| Hazardous Decomposition<br>Products:   | Stable; however, may decompose if heated.                       |

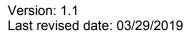
## 11. Toxicological information

| _   |   |
|---|---|
| General information:                            | No data on possible toxicity effects have been found.   |
| Information on likely routes of e<br>Ingestion: | xposure<br>No harmful effects expected in amounts likely to be ingested by accident.  |
| Inhalation:                                     | Limited inhalation hazard at normal work temperatures.  |
| Skin Contact:                                   | Negligible irritation to skin at ambient temperatures.  |
| Eye contact:                                    | Elevated temperatures or mechanical action may form vapors, mist, or fumes which may be irritating to the eyes, nose, throat, or lungs. |
| Symptoms related to the physic<br>Ingestion:    | al, chemical and toxicological characteristics<br>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<br>Product:                                      | ATEmix: 40,273.86 mg/kg   |
| Dermal<br>Product:                                    | ATEmix: 120,821.59 mg/kg  |
| Inhalation<br>Product:                                | ATEmix: 1,208.22 mg/l   |
| Repeated dose toxicity<br>Product:                    | No data available.  |
| Specified substance(s):<br>Ethanol                    | Based on available data, the classification criteria are not met.<br>LOAEL (Rat(Female, Male), Inhalation, 7,318 - 7,496 h): 1.3 mg/l Inhalation<br>Read-across from supporting substance (structural analogue or surrogate),<br>Weight of Evidence study<br>NOAEL (Guinea pig, Inhalation, 10.5 Weeks): 3,000 ppm(m) Inhalation<br>Experimental result, Supporting study<br>LOAEL (Rat(Male), Inhalation, 1 - 6 Weeks): 13.3 mg/l Inhalation Read-<br>across from supporting substance (structural analogue or surrogate),<br>Supporting study<br>LOAEL (Monkey, Inhalation, 5 - 20 d): 3.99 mg/l Inhalation Read-<br>across from supporting substance (structural analogue or surrogate),<br>Supporting substance (structural analogue or surrogate), Supporting<br>study |
| Methanol  | NOAEL (Rat(Female, Male), Inhalation): 6.66 mg/l Inhalation Experimental<br>result, Weight of Evidence study<br>LOAEL (Rat(Male), Inhalation, 1 - 6 Weeks): 13.3 mg/l Inhalation<br>Experimental result, Supporting study<br>NOAEL (Rat(Male), Inhalation, 1 - 6 Weeks): 2.65 mg/l Inhalation<br>Experimental result, Supporting study<br>NOAEL (Rat(Male), Inhalation, 1 - 6 Weeks): 0.26 mg/l Inhalation<br>Experimental result, Supporting study<br>NOAEL (Rat(Male), Inhalation, 7,318 - 7,496 h): 0.13 mg/l<br>Inhalation Experimental result, Weight of Evidence study  |
| Skin Corrosion/Irritation<br>Product:                 | No data available.  |
| Specified substance(s):<br>Ethanol                    | in vivo (Rabbit): Not irritant Experimental result, Key study   |





| Methanol   | in vivo (Rabbit): Not irritant Experimental result, Key study   |  |
|--|---|--|
| Serious Eye Damage/Eye Irritati<br>Product:  | <b>on</b><br>No data available.   |  |
| Specified substance(s):<br>Ethanol   | in vivo (Rabbit, 24 - 72 hrs): Not irritating EU  |  |
| Methanol   | in vivo (Rabbit, 24 - 72 hrs): Not irritating   |  |
| Respiratory or Skin Sensitizatio<br>Product:   | <b>n</b><br>No data available.  |  |
| Specified substance(s):<br>Ethanol   | Based on available data, the classification criteria are not met.<br>Skin sensitization:, in vivo (Guinea pig): Non sensitising |  |
| Methanol   | Skin sensitization:, in vivo (Guinea pig): Non sensitising  |  |
| Carcinogenicity<br>Product:<br>Specified substance(s):<br>Ethanol  | No data available.  |  |
|  | Based on available data, the classification criteria are not met.   |  |
| IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:<br>No carcinogenic components identified  |   |  |
| US. National Toxicology Program (NTP) Report on Carcinogens:<br>No carcinogenic components identified        |   |  |
| US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):<br>No carcinogenic components identified |   |  |
| Germ Cell Mutagenicity   |   |  |
| In vitro<br>Product:   | No data available.  |  |
| Specified substance(s):<br>Ethanol   | Based on available data, the classification criteria are not met.   |  |
| In vivo<br>Product:  | No data available.  |  |
| Specified substance(s):<br>Ethanol   | Based on available data, the classification criteria are not met.   |  |
| Reproductive toxicity<br>Product:  | No data available.  |  |



| Specified substance(s):<br>Ethanol                                      | Based on available data, the classification criteria are not met. |
|---|---|
| Specific Target Organ Toxicity -<br>Product:<br>Specified substance(s): | Single Exposure<br>No data available.                             |
| Ethanol   | Based on available data, the classification criteria are not met. |
| Methanol  | Oral: Nervous System - Causes damage to organs.                   |
| Specific Target Organ Toxicity -<br>Product:<br>Specified substance(s): | Repeated Exposure<br>No data available.                           |
| Ethanol   | Based on available data, the classification criteria are not met. |
| Aspiration Hazard<br>Product:   | No data available.  |
| Other effects:  | No data available.  |

## 12. Ecological information

## **Ecotoxicity:**

## Acute hazards to the aquatic environment:

| Fish<br>Product:                       | No negative effects on the aquatic environment are known. |
|--|---|
| Aquatic Invertebrates<br>Product:      | No negative effects on the aquatic environment are known. |
| Chronic hazards to the aquatic         | environment:  |
| Fish<br>Product:                       | No negative effects on the aquatic environment are known. |
| Aquatic Invertebrates<br>Product:      | No negative effects on the aquatic environment are known. |
| Toxicity to Aquatic Plants<br>Product: | No negative effects on the aquatic environment are known. |
| Persistence and Degradability          |   |
| Biodegradation<br>Product:             | Expected to be readily biodegradable.                     |
| BOD/COD Ratio<br>Product:              | No data available.  |



| Bioaccumulative potential<br>Bioconcentration Factor (BCF) |   |  |
|--|---|--|
| Product:   | No data available.  |  |
| <b>Specified substance(s):</b><br>Ethanol                  | Potential to bioaccumulate is low.<br>Cyprinus carpio, Bioconcentration Factor (BCF): 4.5 Aquatic sediment Read-<br>across from supporting substance (structural analogue or surrogate),<br>Supporting study<br>Cyprinus carpio, Bioconcentration Factor (BCF): 3 Aquatic sediment Read-<br>across from supporting substance (structural analogue or surrogate),<br>Supporting study<br>Leuciscus idus, Bioconcentration Factor (BCF): 0.2 Aquatic sediment Read-<br>across from supporting substance (structural analogue or surrogate), Not<br>specified<br>Cyprinus carpio, Bioconcentration Factor (BCF): 1 Aquatic sediment Read-<br>across from supporting substance (structural analogue or surrogate), Not<br>specified<br>Cyprinus carpio, Bioconcentration Factor (BCF): 1 Aquatic sediment Read-<br>across from supporting substance (structural analogue or surrogate),<br>Supporting study |  |
| Methanol   | Leuciscus idus, Bioconcentration Factor (BCF): < 10 Aquatic sediment<br>Experimental result, Supporting study<br>Cyprinus carpio, Bioconcentration Factor (BCF): 4.5 Aquatic sediment<br>Experimental result, Supporting study<br>Cyprinus carpio, Bioconcentration Factor (BCF): 1 Aquatic sediment<br>Experimental result, Supporting study<br>Cyprinus carpio, Bioconcentration Factor (BCF): 3 Aquatic sediment<br>Experimental result, Supporting study<br>Green algae (Chlorella fusca vacuolata), Bioconcentration Factor (BCF):<br>28,400 (Static)  |  |
| Partition Coefficient n-octan<br>Product:                  | ol / water (log Kow)<br>No data available.  |  |
| <b>Specified substance(s):</b><br>Ethanol                  | Log Kow: -0.31  |  |
| Methanol   | Log Kow: -0.77  |  |
| Mobility in soil:  | No data available.  |  |
| <b>Known or predicted distribu</b><br>Ethanol<br>Methanol  | <b>tion to environmental compartments</b><br>soil - Very mobile liquid<br>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:  | Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. |  |
| Contaminated Packaging:   | No data available.  |  |
| 14. Transport information   |   |  |
| <b>DOT</b> UN Number:<br>UN Proper Shipping Name:<br>Transport Hazard Class(es) | Not regulated.<br>Not regulated.  |  |
| Class:<br>Label(s):<br>Packing Group:   | Not regulated.<br>Not regulated.<br>Not regulated.  |  |
| Marine Pollutant:<br>Limited quantity<br>Excepted quantity                      | Not regulated.<br>Not regulated.<br>Not regulated.  |  |
| Special precautions for user:   | Not regulated.  |  |
| IMDG  |   |  |
| UN Number:<br>UN Proper Shipping Name:<br>Transport Hazard Class(es)            | Not regulated.<br>Not regulated.  |  |
| Class:<br>Subsidiary risk:<br>EmS No.:  | Not regulated.<br>Not regulated.<br>Not regulated.  |  |
| Packing Group:<br>Environmental Hazards   | Not regulated.  |  |
| Marine Pollutant:<br>Special precautions for user:                              | Not regulated.  |  |



## ΙΑΤΑ

| UN Number:<br>Proper Shipping Name:<br>Transport Hazard Class(es): | Not regulated.<br>Not regulated. |
|--|----------------------------------|
| Class:<br>Subsidiary risk:   | Not regulated.<br>Not regulated. |
| Packing Group:<br>Environmental Hazards                            | Not regulated.                   |
| 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):

| Chemical Identity | <b>Reportable quantity</b> |
|-------------------|----------------------------|
| Ethanol           | 100 lbs.                   |
| Methanol          | 5000 lbs.                  |

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

| <b>Hazard categories</b> |
|--------------------------|
| Not classified           |
| Not classified           |

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

## SARA 304 Emergency Release Notification

| Chemical Identity | <b>Reportable quantity</b> |
|-------------------|----------------------------|
| Ethanol           | 100 lbs.                   |
| Methanol          | 5000 lbs.                  |

## SARA 311/312 Hazardous Chemical

| Chemical Identity | Threshold Planning Quantity |
|-------------------|-----------------------------|
| Ethanol           | 10000 lbs                   |
| Methanol          | 10000 lbs                   |

#### SARA 313 (TRI Reporting)

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.

## 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, Ethanol, which is [are] known to the State of California to cause cancer and birth defects or other reproductive harm. This product can expose you to chemicals including, Methanol, 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

Chemical Identity Ethanol

#### **US. Massachusetts RTK - Substance List**

Chemical Identity Ethanol

## US. Pennsylvania RTK - Hazardous Substances

Chemical Identity Ethanol

US. Rhode Island RTK Chemical Identity Ethanol

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

| Issue Date:            | 03/29/2019  |
|------------------------|---|
| Version #:             | 1.1   |
| Revision Information:  |   |
| Source of information: | European Chemicals Agency (ECHA): Information on Chemicals. |
| Further Information:   | No data available.  |



#### **Disclaimer:**

#### 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.