

Last revised date: 01/19/2023

Becton, Dickinson and Company BD, Franklin Lakes, NJ 07417 USA www.bd.com

## **SAFETY DATA SHEET**

Classified in accordance 29 CFR 1910.1200

## 1. Identification

#### **Product identifier**

Product No.:	Product name:	Common name(s), synonym(s)
261181	Oxidase	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: Business Unit Product Stewardship Team

E-mail: IDS\_SDS@bd.com

Emergency telephone number: CHEMTREC 1 800 424 9300

## 2. Hazard(s) identification

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**Hazard Classification** 

Not classified

**Label Elements** 

Hazard Symbol: No symbol

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

Other hazards which do not result in GHS classification:

None.

## 3. Composition/information on ingredients

#### **Mixtures**

Composition Comments: The components are not hazardous or are below required

disclosure limits.

#### 4. First-aid measures

## **Description of 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.

**Ingestion:** Get medical attention if symptoms occur.

**Personal Protection for First-aid** 

Responders:

No data available.

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Most important symptoms and effects, both 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.

Special hazards arising from the

substance or mixture:

None known.

#### Special protective equipment and precautions for fire-fighters

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.

Accidental release measures: No data available.

Methods and material for containment and cleaning up:

No specific clean-up procedure noted.

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**Environmental Precautions:** Avoid release to the environment.

## 7. Handling and storage

#### Handling

**Technical measures:** No data available.

**Local/Total ventilation:**No data available.

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.

#### 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.

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Individual	protection measure	s. such as	personal	protective e	auipment

**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

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

Flash Point: Not applicable

Self Ignition Temperature:

Decomposition Temperature:

No data available.

No data available.

No data available.

**Viscosity** 

Dynamic viscosity:

Kinematic viscosity:

Not determined.

No data available.

Solubility(ies)

Solubility in Water: Completely Soluble Solubility (other): No data available. Partition coefficient (n-octanol/water): No data available. Vapor pressure: No data available. Relative density: No data available. Density: No data available. **Bulk density:** No data available. Relative vapor density: No data available.

Other information

Metal Corrosion: Non-corrosive per US Department of Transportation testing

protocol.

## 10. Stability and reactivity

**Reactivity:** Material is stable under normal conditions.

**Chemical Stability:** Material is stable under normal conditions.

Possibility of hazardous reactions: Not known.

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

Incompatible Materials: Strong oxidizers.

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**Hazardous Decomposition** 

Not known.

**Products:** 

#### 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.

Dermal

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

Inhalation

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

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.

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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.

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.

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.

**Aquatic Invertebrates** 

**Product:** No data available.

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**Toxicity to Aquatic Plants** 

**Product:** No data available.

Toxicity to microorganisms

**Product:** No data available.

Chronic hazards to the aquatic environment:

**Fish** 

**Product:** No data available.

**Aquatic Invertebrates** 

**Product:** No data available.

**Toxicity to Aquatic Plants** 

**Product:** No data available.

Toxicity to microorganisms

**Product:** No data available.

Persistence and Degradability

Biodegradation

**Product:** No data available.

**BOD/COD Ratio** 

**Product:** No data available.

**Bioaccumulative potential** 

**Bioconcentration Factor (BCF)** 

**Product:** No data available.

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

Mobility in soil:

**Product** No data available.

Results of PBT and vPvB assessment:

**Product** No data available.

Other adverse effects:

Other hazards

**Product:** No data available.

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#### 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.

## 14. Transport information

**DOT**UN 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.

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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)

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.

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#### **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.

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## International regulations

**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:** 01/19/2023

Version #: 2.2

Further Information: No data available.

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