



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

Version: 1.3
Last revised date: 05/22/2024

SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

1. Identification

Product No.:	Product name:	Common name(s), synonym(s)
231628	BD BBL™ Sensi-Disc™ Amoxocillin Clavulanic Amc-30 1 Ea	No data available
231629	BD BBL™ Sensi-Disc™ Amoxicillin/Clavulanic Amc-30 10 Ea	No data available

Recommended restrictions

Recommended use: Scientific and industrial laboratory use. For In Vitro Diagnostic Use.

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

Hazard Classification

Health Hazards

Respiratory sensitizer	Category 1
Skin sensitizer	Category 1

Label Elements



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Hazard Symbol:



Signal Word:

Hazard Statement:

Danger

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317: May cause an allergic skin reaction.

**Precautionary
Statements**

Prevention:

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

P272: Contaminated work clothing should not be allowed out of the workplace.

P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.

P284: [In case of inadequate ventilation] wear respiratory protection.

Response:

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P363: Wash contaminated clothing before reuse.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor/ physician.

Disposal:

P501: Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

**Other hazards which do not
result in GHS classification:**

None.

3. Composition/information on ingredients



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BD, Franklin Lakes, NJ
07417 USA
www.bd.com

Version: 1.3
Last revised date: 05/22/2024

Mixtures

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%) [*]
AMOXICILLIN TRIHYDRATE	No data available.	61336-70-7	59.88%

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

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. Get medical attention if symptoms persist.
Skin Contact:	Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical attention if symptoms occur. Wash contaminated clothing before reuse.
Eye contact:	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention promptly if symptoms occur after washing.
Ingestion:	If swallowed, rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Get medical attention immediately.
Personal Protection for First-aid Responders:	No data available.
Most important symptoms and effects, both acute and delayed Symptoms:	Symptoms may be delayed.
Hazards:	May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Indication of immediate medical attention and special treatment needed



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

Version: 1.3
Last revised date: 05/22/2024

Treatment:

Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water.

5. Fire-fighting measures

General Fire Hazards:

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Use water to keep fire exposed containers cool and disperse vapors.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media:

Water spray, foam, dry powder or carbon dioxide. Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media:

Avoid water in straight hose stream; will scatter and spread fire.

Special hazards arising from the substance or mixture:

Fire or excessive heat may produce hazardous decomposition products.

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:

Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area. Contact local authorities in case of spillage to drain/aquatic environment.

Accidental release measures:

No data available.



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BD, Franklin Lakes, NJ
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www.bd.com

Version: 1.3
Last revised date: 05/22/2024

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

Stop leak if possible without any risk. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Collect for salvage or disposal. Prevent runoff from entering drains, sewers, or streams. Report spills as required to appropriate authorities. 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

Handling

Technical measures:

No data available.

Local/Total ventilation:

No data available.

Safe handling advice:

Wash promptly with soap and water if skin becomes contaminated. 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 tightly closed original container in a dry, cool and well-ventilated place.

Safe packaging materials:

No data available.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

None of the components have assigned exposure limits.



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www.bd.com

Version: 1.3
Last revised date: 05/22/2024

Biological Limit Values

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

Appropriate Engineering Controls

Adequate ventilation should be provided whenever the material is heated or mists are generated.

Individual protection measures, such as personal protective equipment

Eye/face protection:

Wear safety glasses with side shields (or goggles).

Skin Protection

Hand Protection:

Material: Use suitable protective gloves if risk of skin contact.

Skin and Body Protection:

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Respiratory Protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

Hygiene measures:

Do not eat, drink or smoke when using the product. Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Avoid contact with skin.



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BD, Franklin Lakes, NJ
07417 USA
www.bd.com

Version: 1.3
Last revised date: 05/22/2024

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance

Physical state:	solid
Form:	Solid
Color:	According to product specification.

Odor: Characteristic

Odor Threshold: No data available.

Melting 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.

Explosive limit - lower: No data available.

Flash Point: Not applicable

Self-ignition: No data available.

Decomposition Temperature: No data available.

pH: No data available.

Viscosity

Dynamic viscosity: Not determined.

Kinematic viscosity: Not determined.

Flow Time: 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.

Vapor density (air=1): No data available.



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BD, Franklin Lakes, NJ
07417 USA
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Version: 1.3
Last revised date: 05/22/2024

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:

No data available.

Possibility of hazardous reactions:

None under normal conditions.

Conditions to avoid:

Avoid exposure to high temperatures or direct sunlight.

Incompatible Materials:

Strong oxidizing agents.

Hazardous Decomposition Products:

By heating and fire, harmful vapors/gases may be formed.

11. Toxicological information

General information:

May cause severe allergic respiratory reaction.

Information on likely routes of exposure

Inhalation:

May cause respiratory allergy.

Skin Contact:

May cause allergic skin reaction based on human experience.

Eye contact:

Avoid contact with eyes.

Ingestion:

Ingestion may cause severe irritation of the mouth, the esophagus and the gastrointestinal tract.

Acute toxicity (list all possible routes of exposure)

Oral

Product:

No data available.

Components:

AMOXICILLIN
TRIHYDRATE

No data available.



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BD, Franklin Lakes, NJ
07417 USA
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Dermal

Product: No data available.

Components:
AMOXICILLIN No data available.
TRIHYDRATE

Inhalation

Product: No data available.

Components:
AMOXICILLIN No data available.
TRIHYDRATE

Repeated dose toxicity

Product: No data available.

Components:
AMOXICILLIN No data available.
TRIHYDRATE

Skin Corrosion/Irritation

Product: No data available.

Components:
AMOXICILLIN No data available.
TRIHYDRATE

Serious Eye Damage/Eye Irritation

Product: No data available.

Components:
AMOXICILLIN No data available.
TRIHYDRATE

Respiratory or Skin Sensitization

Product: May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Components:
AMOXICILLIN No data available.
TRIHYDRATE

Carcinogenicity

Product: No data available.

Components:
AMOXICILLIN No data available.
TRIHYDRATE

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogens present or none present in regulated quantities



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

Version: 1.3
Last revised date: 05/22/2024

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 1910.1001-1053), as amended:

No carcinogens present or none present in regulated quantities

Germ Cell Mutagenicity

In vitro

Product: No data available.

Components:
AMOXICILLIN No data available.
TRIHYDRATE

In vivo

Product: No data available.

Components:
AMOXICILLIN No data available.
TRIHYDRATE

Reproductive toxicity

Product: No data available.

Components:
AMOXICILLIN No data available.
TRIHYDRATE

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Components:
AMOXICILLIN No data available.
TRIHYDRATE

Specific Target Organ Toxicity - Repeated Exposure

Product: Category 2

Components:
AMOXICILLIN No data available.
TRIHYDRATE

Aspiration Hazard

Product: No data available.

Components:
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BD, Franklin Lakes, NJ
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Version: 1.3
Last revised date: 05/22/2024

Information on health hazards

Other hazards

Product: No data available.

12. Ecological information

General information:

General information: This material has not been tested for environmental effects.

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: No data available.

Components:
AMOXICILLIN No data available.
TRIHYDRATE

Aquatic Invertebrates

Product: No data available.

Components:
AMOXICILLIN No data available.
TRIHYDRATE

Toxicity to Aquatic Plants

Product: No data available.

Components:
AMOXICILLIN No data available.
TRIHYDRATE

Toxicity to microorganisms

Product: No data available.

Components:
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Chronic hazards to the aquatic environment:

Fish

Product: No data available.



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BD, Franklin Lakes, NJ
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Components:

AMOXICILLIN	No data available.
TRIHYDRATE	

Aquatic Invertebrates

Product:	No data available.
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Components:

AMOXICILLIN	No data available.
TRIHYDRATE	

Toxicity to microorganisms

Product:	No data available.
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Components:

AMOXICILLIN	No data available.
TRIHYDRATE	

Persistence and Degradability

Biodegradation

Product:	No data available.
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Components:

AMOXICILLIN	No data available.
TRIHYDRATE	

BOD/COD Ratio

Product:	No data available.
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Components:

AMOXICILLIN	No data available.
TRIHYDRATE	

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product:	No data available.
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Components:

AMOXICILLIN	No data available.
TRIHYDRATE	

Partition Coefficient n-octanol / water (log Kow)

Product:	No data available.
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Components:

AMOXICILLIN	No data available.
TRIHYDRATE	

Mobility in soil:



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Product:	No data available.
Components:	
AMOXICILLIN	No data available.
TRIHYDRATE	

Results of PBT and vPvB assessment:

Product:	No data available.
Components:	
AMOXICILLIN	No data available.
TRIHYDRATE	

Other adverse effects:

Other hazards	
Product:	The dangerous properties of the product cannot be evaluated from the available data. Avoid release to the environment.

13. Disposal considerations

General information:	Dispose of waste and residues in accordance with local authority requirements.
Disposal methods:	Discharge, treatment, or disposal may be subject to national, state, or local laws. Since emptied containers retain product residue, follow label warnings even after container is emptied.
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

Environmental Hazards

Environmentally Hazardous: No



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

Version: 1.3
Last revised date: 05/22/2024

Marine Pollutant: No

IATA

Not Regulated.

IMDG

Not Regulated.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

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) Proposed 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 1910.1001-1053), as amended

None present or none present in regulated quantities.



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Version: 1.3
Last revised date: 05/22/2024

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

Respiratory or Skin Sensitization

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



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BD, Franklin Lakes, NJ
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Version: 1.3
Last revised date: 05/22/2024

US. California Proposition 65

No ingredient requiring a warning under CA Prop 65.

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

Version #: 1.3

Generation date: 05/22/2024

**Date of first report
version:** 04/18/2014

Abbreviations and acronyms:

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS -

Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECl - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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

Further Information: No data available.



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BD, Franklin Lakes, NJ
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www.bd.com

Version: 1.3
Last revised date: 05/22/2024

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