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

## **SAFETY DATA SHEET**

## 1. Identification

#### **Product identifier**

Product No.:	Product name:	Common name(s), synonym(s)
214530	Agar, Granulated	No data available

Other means of identification

**SDS number:** 088100177349

Recommended use and restriction on use Recommended use: Laboratory Chemicals

Restrictions on use: None known.

## Manufacturer/Importer/Supplier/Distributor Information

#### Manufacturer

Company Name: BD Diagnostic Systems

Address: 7 Loveton Circle

Sparks, MD 21152 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** Not applicable

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#### **Statements**

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

**General information:** Get medical attention if symptoms occur.

**Ingestion:** 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.

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

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**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.

Specific hazards arising

from the chemical:

None known.

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.

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## 7. Handling and storage

#### Handling

Technical measures (e.g. Local and general

ventilation):

No special requirements under ordinary conditions of use and with

adequate ventilation.

**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.

**Hygiene measures:** Observe good industrial hygiene practices.

Storage

**Safe storage conditions:** Store in a cool, dry place. Keep container tightly closed.

**Safe packaging materials:** No data available.

**Storage Temperature:** No data available.

## 8. Exposure controls/personal protection

#### **Control Parameters**

**Occupational Exposure Limits** 

None of the components have assigned exposure limits.

Appropriate Engineering

**Controls** adequate venti

No special requirements under ordinary conditions of use and with adequate ventilation.

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#### 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: solid Form: solid

**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 No data available.

range:

Flammability limit - lower (%):

Not applicable

No data available.

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Explosive limit - upper:

Explosive limit - lower:

Vapor pressure:

Vapor density:

Relative density:

No data available.

No data available.

No data available.

No data available.

Solubility(ies)

Solubility in water: Completely Soluble
Solubility (other): No data available.

Partition coefficient (n- No data available.

octanol/water):

Auto-ignition temperature:No data available.Decomposition temperature:No data available.Viscosity:Not determined.

### 10. Stability and reactivity

**Reactivity:** Stable under normal temperature conditions and recommended

use.

**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.

**Hazardous Decomposition** 

Not known.

**Products:** 

## 11. Toxicological information

**General information:** No data on possible toxicity effects have been found.

## Information on likely routes of exposure

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**Ingestion:** 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:** Do not get in eyes.

Symptoms related to the physical, chemical and toxicological characteristics

Ingestion:

No specific symptoms noted.

**Inhalation:** No specific symptoms noted.

**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

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**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), as amended:

No carcinogenic components identified

**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.

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**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**

**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)

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**Product:** Log Kow: No data available.

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

Known or predicted distribution to environmental compartments

**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

**DOT**UN 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. 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**

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. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required 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.

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

**Issue Date:** 07/13/2020

Version #: 1.1

**Revision Information:** No data available.

**Further Information:** No data available.

**Disclaimer:** Disclaimer:

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