

1 Identification of substance:

- **Product name:** Urea Agar Base
- **Catalog number:** 211795
- **Manufacturer/Supplier:**
BD Diagnostic Systems
7 Loveton Circle
Sparks, MD 21152
Tel: (410) 771-0100 or (800) 638-8663
- **Information department:** Technical Services
- **Emergency information:**
In case of a chemical emergency, spill, fire, exposure, or accident contact BD Diagnostic Systems at (410)771-0100 or (800)638-8663, or ChemTrec at (800)424-9300.

2 Composition/Data on components:

- **Chemical characterization**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

Dangerous components:

7647-14-5	sodium chloride	17.2%
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3 Hazards identification**Hazard description:**

Xi Irritant

- **Information pertaining to particular dangers for man and environment**
R 36/37/38 Irritating to eyes, respiratory system and skin.
- **Classification system**
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
- **NFPA ratings (scale 0-4)**

Health = 1
Fire = 0
Reactivity = 0**4 First aid measures**

- **General information** No special measures required.
- **After inhalation** Supply fresh air; consult doctor in case of complaints.
- **After skin contact** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact** Rinse opened eye for 15 minutes under running water. Then consult a doctor.
- **After swallowing** If symptoms persist consult doctor.

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· Information for doctor Show this product label or this MSDS.

5 Fire fighting measures

- Suitable extinguishing agents*
CO₂, ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Protective equipment: No special measures required.*

6 Accidental release measures

- Person-related safety precautions: Not required.*
- Measures for environmental protection: Wipe up with damp sponge or mop.*
- Measures for cleaning/collecting: No special measures required.*
- Additional information:*
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- Handling*
- Information for safe handling: No special measures required.*
- Information about protection against explosions and fires: No special measures required.*
- Storage*
- Requirements to be met by storerooms and receptacles: Store only in the original receptacle.*
- Information about storage in one common storage facility: Store away from oxidizing agents.*
- Further information about storage conditions: Store in cool, dry conditions in well sealed containers.*

8 Exposure controls and personal protection

- Additional information about design of technical systems: No further data; see item 7.*
- Components with limit values that require monitoring at the workplace:*
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information: The lists that were valid during the creation were used as basis.*
- Personal Protective Equipment*
- General protective and hygienic measures*
The usual precautionary measures for handling chemicals should be followed.
- Breathing equipment:*
In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respirator.
- Protection of hands:*



Chemical resistant gloves (i.e. nitrile, or equivalent).

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- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing (lab coat).

9 Physical and chemical properties:**· General Information**

Form: Solid.
Color: Light blue
Odor: Characteristic

· Change in condition

Melting point/Melting range: Not determined
Boiling point/Boiling range: Not determined

· **Flash point:** Not applicable

· **Auto igniting:** Product is not self igniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Vapor pressure:** Not applicable

· **Density:** Not determined

· Solubility in / Miscibility with

Water: Soluble

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Materials to be avoided:** Incompatible material: strong oxidizers.
- **Dangerous reactions** No dangerous reactions known
- **Dangerous products of decomposition:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
 - **on the skin:** Irritant to skin and mucous membranes.
 - **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Subacute to chronic toxicity:** Target organs: respiratory tract, eyes, kidneys, and skin.
- **Additional toxicological information:**

Irritant

The product shows the following dangers according to internally approved calculation methods for preparations:

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12 Ecological information:

- **Ecotoxicological effects:**
- **Other information:**
The ecological effects have not been thoroughly investigated, but currently none have been identified.
- **General notes:** Generally not hazardous for water.

13 Disposal considerations

- **Product:**
- **Recommendation**
Smaller quantities can be disposed of with solid waste.
Dispose of material in accordance with federal (40 CFR 261.3), state and local requirements.
This product is not considered a RCRA hazardous waste.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to state and federal regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- **DOT regulations:**
- **Hazard class:** -
- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

15 Regulations

· **SARA Section 355 (extremely hazardous substances)**
None of the ingredients is listed.

· **SARA Section 313 (specific toxic chemical listings)**
None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act)**

57-13-6	urea
7758-11-4	potassium phosphate, dibasic
9002-18-0	agar
50-99-7	dextrose
7778-77-0	potassium phosphate, monobasic

· **California Proposition 65 - Chemicals known to cause cancer**
None of the ingredients is listed.

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· California Proposition 65 - Chemicals known to cause reproductive toxicity for females:*None of the ingredients is listed.***· California Proposition 65 - Chemicals known to cause reproductive toxicity for males:***None of the ingredients is listed.***· California Proposition 65 - Chemicals known to cause developmental toxicity:***None of the ingredients is listed.***· Carcinogenicity categories****· IARC (International Agency for Research on Cancer)***None of the ingredients is listed.***· NTP (National Toxicology Program)***None of the ingredients is listed.***· TLV (Threshold Limit Value established by ACGIH)***None of the ingredients is listed.***· Product related hazard information:***Observe the general safety regulations when handling chemicals**The product has been classified and marked in accordance with regulations on hazardous materials.***· Hazard symbols:***Xi Irritant***· Risk phrases:***36/37/38 Irritating to eyes, respiratory system and skin.***· Safety phrases:***7 Keep container tightly closed.**22 Do not breathe dust.**26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.**36 Wear suitable protective clothing.***16 Other information:**

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· Department issuing MSDS: Safety and Environment Department**· Contact: Technical Service Representative**