



Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 01/11/2006

Reviewed on 06/23/2004

1 Identification of substance:

- **Product name:** Nitrate A Reagent Dropper
- **Catalog number:** 261197

- **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:**
- **CAS No. Description:**
Not applicable
- **Identification number(s):** Not applicable
- **Chemical characterization**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

| | | |
|---------|-------------|-------|
| 64-19-7 | acetic acid | 29.6% |
|---------|-------------|-------|

3 Hazards identification

- **Hazard description:**



C Corrosive

- **Information pertaining to particular dangers for man and environment**
R 34 Causes burns.

- **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 = 3
Fire = 0
Reactivity = 0

4 First aid measures

- **General information** Immediately remove contaminated clothing.
- **After inhalation** Supply fresh air; consult doctor in case of complaints.
- **After skin contact** Immediately wash with water and soap and rinse thoroughly.

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- **After eye contact** Rinse opened eye for 15 minutes under running water. Then consult a doctor.
- **After swallowing** Drink copious amounts of water and provide fresh air. Immediately call a doctor.
- **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:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
Use neutralizing agent.
- **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:** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** 15 - 30 C
- **Information about storage in one common storage facility:**
Store away from oxidizing agents.
Do not store together with alkaline material.
- **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:**

64-19-7 acetic acid

| | |
|-----|---|
| PEL | 25 mg/m ³ , 10 ppm |
| REL | Short-term value: 37 mg/m ³ , 15 ppm Long-term value: 25 mg/m ³ , 10 ppm |
| TLV | Short-term value: 37 mg/m ³ , 15 ppm Long-term value: 25 mg/m ³ , 10 ppm |

- **Additional information:** The lists that were valid during the creation were used as basis.

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14 Transport information

· **DOT regulations:**

- **Hazard class:** 8
- **Identification number:** UN2790
- **Packing group:** III
- **Proper shipping name:** ACETIC ACID SOLUTION
- **Label:** 8
- **Remarks:** This product can be transported using the "small quantity" exception. This package conforms to 49 CFR 173.4. The Hazard Class, Identification number, and Packing group listed above is for informational purposes only.

· **Land transport ADR/RID (cross-border)**

- **ADR/RID class:** 8 (C3) Corrosive substances
- **Danger code (Kemler):** 80
- **UN-Number:** 2790
- **Packaging group:** III
- **Description of goods:** uion of goods: **DEFE 670 5256-802-15 (UN-Nu) Tj 0.17112 (ation) T0.12 Ts4 3**
- **Identification number:** III
- **Limitations:** **Limi0.1s 187Tj0 9.96 Tf9187T80.39 Tc (187T80 9.96 Tf9187T680.39 T**

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- **Proper shipping name:** ACETIC ACID SOLUTION
- **Remarks:** This product can be transported using the exception: Dangerous Goods in Excepted Quantities. The Hazard class, Identification number, and Packing group listed above is for informational purposes only.

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)**

| | |
|---------|-------------|
| 64-19-7 | acetic acid |
|---------|-------------|

| | |
|----------|-----------------|
| 121-57-3 | sulfanilic acid |
|----------|-----------------|

- **California Proposition 65 - Chemicals known to cause cancer**

None of the ingredients is listed.

- **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:**

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45 *In case of accident or if you feel unwell, seek medical advice immediately.*60 *This material and its container must be disposed of as hazardous waste.*· *National regulations*· *Technical instructions (air):*

| Class | Share in % |
|-------|------------|
| II | 29.6 |

16 Other information:

To the best of our knowledge, the information contained herein is accurate. However, neither Becton, Dickinson and Company or any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability 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.

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

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