

## Safety Data Sheet StepSept pH Down

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### SECTION 1: Identification

#### 1.1 Product identifier

|                |                  |
|----------------|------------------|
| Product name   | StepSept pH Down |
| Product number | 8983119          |

#### 1.2 Other means of identification

Acid pH Adjustment Solution

#### 1.4 Supplier's details

|           |   |
|-----------|---|
| Name      | Boumatic LLC                                  |
| Address   | 2001 S. Stoughton<br>Madison, WI 53716<br>USA |
| Telephone | 608-222-3484                                  |
| email     | SDS@BouMatic.com                              |

#### 1.5 Emergency phone number(s)

24-Hour Emergency  
1-800-255-3294 (U.S.)  
001-813-248-0585 (International)

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### SECTION 2: Hazard identification

#### General hazard statement

The product is classified and labeled according to the Globally Harmonized System (GHS).

#### 2.1 Classification of the substance or mixture

##### GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

- Skin corrosion/irritation, Cat. 2
- Eye damage/irritation, Cat. 2B

#### 2.2 GHS label elements, including precautionary statements

##### Pictogram



##### Signal word

**Warning**

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### Hazard statement(s)

H315 Causes skin irritation  
H320 Causes eye irritation

### Precautionary statement(s)

P264 Wash ... thoroughly after handling.  
P280 Wear protective gloves.  
P302+P352 IF ON SKIN: Wash with plenty of water/...  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P321 Specific treatment (see ... on this label).  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Mixture of the substances listed below with nonhazardous additions.

#### Hazardous components

##### 1. Urea sulfate

Concentration Not specified  
CAS no. 21351-39-3

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## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

|  |   |
|--|---|
| General advice   | Immediately remove any clothing soiled by the product.  |
| If inhaled   | If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician. |
| In case of skin contact                                | Wash off with soap and plenty of water. Get medical attention if symptoms occur.                                |
| In case of eye contact                                 | Rinse thoroughly with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.         |
| If swallowed   | Drink copious amounts of water and provide fresh air. Consult a physician.                                      |
| Personal protective equipment for first-aid responders | No further relevant information available.  |

### 4.2 Most important symptoms/effects, acute and delayed

No further relevant information available.

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

No further relevant information available.

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## SECTION 5: Fire-fighting measures

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### 5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### 5.2 Specific hazards arising from the chemical

No further relevant information available.

### 5.3 Special protective actions for fire-fighters

No special measures required.

#### Further information

No further relevant information available.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment. For personal protection see section 8.

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

### 6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel). Keep in suitable, closed containers for disposal.

#### Reference to other sections

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Ensure adequate ventilation. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Avoid dust formation. dust is formed. For precautions see section 2.2.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

#### Specific end use(s)

No further relevant information available.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### 1. Urea sulfate (CAS: 21351-39-3)

### 8.2 Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

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### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests, no recommendation to the glove material can be given for the product/the preparation/the chemical mixture. Selection of glove material on consideration of penetration times, rates of diffusion and degradation.

### Body protection

The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Respiratory protection

In case of brief exposure or low pollution, use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

### Thermal hazards

No data available

### Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

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## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

|   |   |
|---|---|
| Appearance/form (physical state, color, etc.) | Liquid. Light Yellow.                         |
| Odor  | Mild  |
| Odor threshold                                | Not determined                                |
| pH  | Not determined                                |
| Melting point/freezing point                  | Not determined                                |
| Initial boiling point and boiling range       | 100 C (212 F)                                 |
| Flash point                                   | 94 C (201 F)                                  |
| Evaporation rate                              | Not determined                                |
| Flammability (solid, gas)                     | Not applicable                                |
| Upper/lower flammability limits               | Not determined                                |
| Upper/lower explosive limits                  | Not determined                                |
| Vapor pressure                                | at 20 C (68 F): 23 hPa (17 mm HG)             |
| Vapor density                                 | Not determined                                |
| Relative density                              | Not determined                                |
| Solubility(ies)                               | Not difficult to mix                          |
| Partition coefficient: n-octanol/water        | Not determined                                |
| Auto-ignition temperature                     | Product is not self-igniting                  |
| Decomposition temperature                     | Not determined                                |
| Viscosity                                     | Not determined                                |
| Explosive properties                          | Product does not present an explosion hazard. |
| Oxidizing properties                          |   |

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

None under normal use conditions.

### 10.2 Chemical stability

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Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No dangerous reactions known.

### 10.4 Conditions to avoid

No further relevant information available.

### 10.5 Incompatible materials

No further relevant information available.

### 10.6 Hazardous decomposition products

No dangerous decomposition products known.

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

No further relevant information available.

#### Skin corrosion/irritation

Causes skin irritation.

#### Serious eye damage/irritation

Causes eye irritation.

#### Respiratory or skin sensitization

No sensitizing effects known.

#### Germ cell mutagenicity

No data available

#### Carcinogenicity

IARC (International Agency for Research on Cancer): None of the ingredients listed.

NTP (National Toxicity Program): None of the ingredients listed.

OSHA-Ca (Occupational Safety & Health Administration): None of the ingredients listed.

#### Reproductive toxicity

No data available

#### Summary of evaluation of the CMR properties

Carcinogenic categories: IARC (International Agency for Research on Cancer), NTP (National Toxicology Program),

OSHA-Ca (Occupational Safety and Health Administration): None of the ingredients listed.

#### STOT-single exposure

No data available

#### STOT-repeated exposure

No data available

#### Aspiration hazard

May be harmful if swallowed and enters airways

#### Additional information

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To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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### SECTION 12: Ecological information

#### Toxicity

Aquatic toxicity: No further relevant information available.

#### Persistence and degradability

No data available on product

#### Bioaccumulative potential

No data available on product

#### Mobility in soil

No data available on product.

#### Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

#### Other adverse effects

No further relevant data available.

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### SECTION 13: Disposal considerations

#### Disposal of the product

Dispose of contents/ container in accordance with the local/regional/national/international regulations. Non Household Setting: Products covered by this SDS, in their original form, when disposed as waste, are considered non hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations.

#### Disposal of contaminated packaging

Disposal must be made according to official regulations.

#### Waste treatment

Disposal must be made according to official regulations.

#### Sewage disposal

Disposal must be made according to official regulations.

#### Other disposal recommendations

No further relevant information available.

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### SECTION 14: Transport information

#### DOT (US)

Not dangerous goods

#### IMDG

Not dangerous goods

#### IATA

Not dangerous goods

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### SECTION 15: Regulatory information

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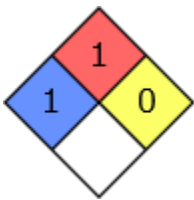
### 15.2 Chemical Safety Assessment

Keep out of reach of children. Read label before use. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required.

#### HMIS Rating

| StepSept pH Down    |   |
|---------------------|---|
| HEALTH              | 1 |
| FLAMMABILITY        | 1 |
| PHYSICAL HAZARD     | 0 |
| PERSONAL PROTECTION |   |

#### NFPA Rating



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## SECTION 16: Other information

### 16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall BouMatic be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if BouMatic has been advised of the possibility of such damages.

### 16.2 Preparation information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.