



# NEOGEN<sup>®</sup>

## SAFETY DATA SHEET

according to 29 CFR 1910.1200

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### Barnstorm<sup>™</sup>

Revision 0  
Revision date 2017-08-10

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

|              |                                |
|--------------|--------------------------------|
| Product name | Barnstorm <sup>™</sup>         |
| Product code | 418083/55, 418083/5A, 418083/1 |

##### 1.3. Details of the supplier of the safety data sheet

|           |  |
|-----------|--|
| Company   | Neogen Corporation                           |
| Address   | 620 Leshler Place<br>Lansing MI 48912<br>USA |
| Web       | www.neogen.com                               |
| Telephone | 517-372-9200/800-234-5333                    |
| Email     | regulatorysupport@neogen.com                 |

##### 1.4. Emergency telephone number

|                            |                |
|----------------------------|----------------|
| Emergency telephone number | 1 800 234-5333 |
|----------------------------|----------------|

##### Further information

|                            |  |
|----------------------------|--|
| Emergency Telephone Number | Preserve International is a wholly owned subsidiary of Neogen Corporation.<br>Hotline Number: 1-800-498-5743 (United States and Canada), 1-651-523-0318 (All other areas). |
|                            | Manufactured By  |

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

|                             |  |
|-----------------------------|--|
| 2.1.2. Classification - GHS | Acute Tox. 5: H303; Skin Corr. 1B: H314; |
|-----------------------------|--|

##### 2.2. Label elements

|                                     |   |
|-------------------------------------|---|
| Hazard pictograms                   |   |
| Signal Word                         | Danger  |
| Hazard Statement                    | H303 - May be harmful if swallowed.<br>Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. |
| Precautionary Statement: Prevention | P280 - Wear protective gloves/protective clothing/eye protection/face protection.                     |

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## 2.2. Label elements

|  |   |
|--|---|
| <b>Precautionary Statement: Response</b> | P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.<br>P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.<br>P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.<br>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P310 - Immediately call a POISON CENTER/doctor/ . |
| <b>Precautionary Statement: Disposal</b> | Dispose of in compliance with all local and national regulations  |

## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## EC 1272/2008

| Chemical Name                         | Index No.    | CAS No.    | EC No.    | REACH Registration Number | Conc. (%w/w) | Classification  |
|---------------------------------------|--------------|------------|-----------|---------------------------|--------------|---|
| Phosphoric acid...% (Phosphoric acid) | 015-011-00-6 | 7664-38-2  | 231-633-2 |                           | 10 - 20%     | Skin Corr. 1B: H314;  |
| Dodecylbenzenesulfonic Acid           |              | 27176-87-0 | 248-289-4 |                           | 10 - 20%     | Flam. Liq. 3: H226; Acute Tox. 4: H302; Skin Corr. 1B: H314; STOT SE 3: H336; |

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | In case of accident by inhalation: remove casualty to fresh air and keep at rest. If breathing is difficult give oxygen. If breathing stops, provide artificial respiration. Seek medical attention.   |
| <b>Eye contact</b>  | Immediate medical attention is required. Causes severe burns. Bathe the eye with running water for 15 minutes. Contact lenses should be removed.   |
| <b>Skin contact</b> | Causes severe burns. Take off immediately all contaminated clothing. Wash with soap and water. Seek medical attention.   |
| <b>Ingestion</b>    | Immediately give 1-2 glasses of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Never give anything by mouth to an unconscious person. Rinse mouth thoroughly. Seek medical attention. |

## 4.2. Most important symptoms and effects, both acute and delayed

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | May cause irritation to respiratory system. |
| <b>Eye contact</b>  | Causes severe burns.                        |
| <b>Skin contact</b> | Causes severe burns.                        |
| <b>Ingestion</b>    | Ingestion may cause nausea and vomiting.    |

## 4.3. Indication of any immediate medical attention and special treatment needed

|                  |   |
|------------------|---|
| <b>Ingestion</b> | Probable mucosal damage may contraindicate the use of gastric lavage. |
|------------------|---|

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

|  |   |
|--|---|
|  | Use extinguishing media appropriate to the surrounding fire conditions. |
|--|---|

## 5.2. Special hazards arising from the substance or mixture

|  |   |
|--|---|
|  | Burning produces irritating, toxic and obnoxious fumes. |
|--|---|

## 5.3. Advice for firefighters

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## 5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Wear suitable respiratory equipment when necessary.

## SECTION 6: Accidental release measures

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

Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye/face protection. Wear suitable respiratory equipment when necessary. Wash hands after handling the product.

## 6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

## 6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal.

## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Wear suitable protective clothing, gloves and eye/face protection.

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

Store in areas inaccessible to children and pets. Keep container tightly closed. Keep in a cool, dry, well ventilated area. Keep only in the original container. Avoid creasing or impacting of side walls. Do not store on side.

## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

## Exposure Limit Values

|                                       |   |   |
|---------------------------------------|---|---|
| Dodecylbenzenesulfonic Acid           | ACGIH TLV TWA: 200.000000 ppm<br>Notations:<br>OSHA PEL 8hr TWA mg m3: 680.000000 mg/m3 | ACGIH TLV STEL: 400 ppm<br>OSHA PEL 8hr TWA ppm: 400.000000 ppm<br>Skin Designation:  |
| Phosphoric acid...% (Phosphoric acid) | ACGIH TLV TWA: 1 mg/m <sup>3</sup><br>Notations: -<br>OSHA PEL 8hr TWA mg m3: 1         | ACGIH TLV STEL: 3 mg/m <sup>3</sup><br>OSHA PEL 8hr TWA ppm: -<br>Skin Designation: - |
| Propylene Glycol                      | ACGIH TLV TWA:<br>Notations:<br>OSHA PEL 8hr TWA mg m3: 10                              | ACGIH TLV STEL:<br>OSHA PEL 8hr TWA ppm:<br>Skin Designation:                         |

## 8.2. Exposure controls

|                                   |   |
|-----------------------------------|---|
| Eye / face protection             | Wear:. Approved safety goggles.   |
| Skin protection - Hand protection | Wear:. Chemical resistant gloves.   |
| Skin protection - Other           | Wear suitable protective clothing.  |
| Respiratory protection            | In case of insufficient ventilation, wear suitable respiratory equipment. |

## SECTION 9: Physical and chemical properties

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## 9.1. Information on basic physical and chemical properties

|                                 |                          |
|---------------------------------|--------------------------|
| <b>State</b>                    | Liquid                   |
| <b>Color</b>                    | Light brown/Light yellow |
| <b>pH</b>                       | 0.5 - 1.5                |
| <b>Melting point</b>            | No data available        |
| <b>Freezing Point</b>           | No data available        |
| <b>Boiling point</b>            | No data available        |
| <b>Flash point</b>              | No data available        |
| <b>Evaporation rate</b>         | No data available        |
| <b>Flammability limits</b>      | No data available        |
| <b>Vapor pressure</b>           | No data available        |
| <b>Vapor density</b>            | No data available        |
| <b>Fat Solubility</b>           | No data available        |
| <b>Partition coefficient</b>    | No data available        |
| <b>Autoignition temperature</b> | No data available        |
| <b>Viscosity</b>                | No data available        |
| <b>Explosive properties</b>     | No data available        |
| <b>Oxidising properties</b>     | No data available        |
| <b>Odour threshold</b>          | No data available        |
| <b>Solubility</b>               | Soluble in water         |

## 9.2. Other information

|                         |                   |
|-------------------------|-------------------|
| <b>Conductivity</b>     | No data available |
| <b>Surface tension</b>  | No data available |
| <b>Gas group</b>        | No data available |
| <b>Specific gravity</b> | > 1.04            |

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

|  |                    |
|--|--------------------|
|  | No data available. |
|--|--------------------|

## 10.2. Chemical stability

|  |                                 |
|--|---------------------------------|
|  | Stable under normal conditions. |
|--|---------------------------------|

## 10.3. Possibility of hazardous reactions

|  |                    |
|--|--------------------|
|  | No data available. |
|--|--------------------|

## 10.4. Conditions to avoid

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## 10.5. Incompatible materials

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## 10.6. Hazardous decomposition products

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

|                                  |                      |
|----------------------------------|----------------------|
| <b>Acute toxicity</b>            | No data available.   |
| <b>Skin corrosion/irritation</b> | Causes severe burns. |

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## 11.1. Information on toxicological effects

|                                   |  |
|-----------------------------------|--|
| Serious eye damage/irritation     | Causes serious eye damage.   |
| Respiratory or skin sensitisation | No data available.   |
| Germ cell mutagenicity            | No data available.   |
| Carcinogenicity                   | Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-112.<br>Not listed in the National Toxicology Program (NTP) 13th Report on Carcinogens.<br>Not listed in the OSHA standard 1910.1003 Carcinogens. |
| Reproductive toxicity             | No data available.   |
| STOT-single exposure              | No data available.   |
| STOT-repeated exposure            | No data available.   |
| Aspiration hazard                 | No data available.   |
| Repeated or prolonged exposure    | No data available.   |

## 11.1.4. Toxicological information

|  |                   |
|--|-------------------|
|  | No data available |
|--|-------------------|

## SECTION 12: Ecological information

## 12.1. Toxicity

|  |                   |
|--|-------------------|
|  | No data available |
|--|-------------------|

## 12.2. Persistence and degradability

|  |                    |
|--|--------------------|
|  | No data available. |
|--|--------------------|

## 12.3. Bioaccumulative potential

|  |                    |
|--|--------------------|
|  | No data available. |
|--|--------------------|

## Partition coefficient

|  |  |  |
|--|--|--|
|  | <b>Barnstorm™</b> No data available                  | <b>Phosphoric acid...%</b> No data available |
|  | <b>Dodecylbenzenesulfonic Acid</b> No data available | <b>Propylene Glycol</b> -1.07                |

## 12.4. Mobility in soil

|  |                    |
|--|--------------------|
|  | No data available. |
|--|--------------------|

## 12.5. Results of PBT and vPvB assessment

|  |                    |
|--|--------------------|
|  | No data available. |
|--|--------------------|

## SECTION 13: Disposal considerations

## Disposal methods

|  |   |
|--|---|
|  | Dispose of in compliance with all local and national regulations. |
|--|---|

## Disposal of packaging

|  |  |
|--|--|
|  | Can be recycled if in compliance with local and national regulations. Do NOT reuse empty containers. |
|--|--|

## SECTION 14: Transport information

## Hazard pictograms

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## Hazard pictograms



## 14.1. UN number

UN1760

## 14.2. UN proper shipping name

CORROSIVE LIQUID, N.O.S. (Phosphoric Acid &amp; Dodecylbenzene Sulphonic Acid)

## 14.3. Transport hazard class(es)

|                 |   |
|-----------------|---|
| DOT             | 8 |
| Subsidiary risk | - |
| IMDG            | 8 |
| Subsidiary risk | - |
| IATA            | 8 |
| Subsidiary risk | - |

## 14.4. Packing group

Packing group III

## 14.5. Environmental hazards

|                       |    |
|-----------------------|----|
| Environmental hazards | No |
| Marine pollutant      | No |

## DOT

|                 |     |
|-----------------|-----|
| Hazard ID       | 80  |
| Tunnel Category | (E) |

## IMDG

EmS Code F-A S-B

## IATA

|                                 |      |
|---------------------------------|------|
| Packing Instruction (Cargo)     | 856  |
| Maximum quantity                | 60 L |
| Packing Instruction (Passenger) | 852  |
| Maximum quantity                | 5 L  |

## SECTION 15: Regulatory information

## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

|             |   |
|-------------|---|
| Regulations | Hazard Communication Standard: 29 Code of Federal Regulations 1910.1200: Occupational Safety and Health Standards: Z: Toxic and Hazardous Substances: Hazard Communication. |
|-------------|---|

## 15.2. Chemical safety assessment

No data is available on this product.

## Inventories

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## Inventories

| Ingredient  | TSCA | MA | SARA313 | CALPROP65 | CWA307 | CAA112 | CWA311 | SARA302 | SARA304 |
|---|------|----|---------|-----------|--------|--------|--------|---------|---------|
| Phosphoric acid...% (Phosphoric acid)                           | Y    | Y  | N       | N         | N      | N      | Y      | N       | N       |
| Dodecylbenzenesulfonic Acid<br>(Benzenesulfonic acid, dodecyl-) | Y    | N  | N       | N         | N      | N      | Y      | N       | N       |
| Propylene Glycol (1,2-Propanediol)                              | Y    | Y  | N       | N         | N      | N      | N      | N       | N       |

## SECTION 16: Other information

## Other information

|   |  |
|---|--|
| <b>Text of Hazard Statements in Section 3</b> | <p>Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.</p> <p>Skin Irrit. 2: H315 - Causes skin irritation.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation.</p> <p>Flam. Liq. 3: H226 - Flammable liquid and vapour.</p> <p>Acute Tox. 4: H302 - Harmful if swallowed.</p> <p>STOT SE 3: H336 - May cause drowsiness or dizziness.</p> |
|---|--|

## General information

|  |  |
|--|--|
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