



# SAFETY DATA SHEET

according to 29 CFR 1910.1200 and GHS

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## Acid-A-Foam™ EVO

Revision 4  
Revision date 2020-07-22

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

#### 1.1. Product identifier

|              |                  |
|--------------|------------------|
| Product name | Acid-A-Foam™ EVO |
| Product code | 418089, 318089   |

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

|             |  |
|-------------|--|
| Product Use | [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC35] Washing and cleaning products (including solvent based products); |
| Description | Cleaner.   |

#### 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     | SDS@neogen.com                               |

#### 1.4. Emergency telephone number

24 hours:  
Medical: 1-800-498-5743 (U.S. and Canada) or 1-651-523-0318 (international)  
Spill/CHEMTREC: 1-800-424-9300 (U.S. and Canada) or 1-703-527-3887 (international)

#### Further information

Manufactured By:  
Preserve International  
944 Nandino Blvd.  
Lexington, KY 40511-1205 U.S.A.

Preserve International is a wholly-owned subsidiary of Neogen Corporation.

### SECTION 2: Hazards identification

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

|                             |                      |
|-----------------------------|----------------------|
| 2.1.2. Classification - GHS | Skin Corr. 1B: H314; |
|-----------------------------|----------------------|

#### 2.2. Label elements

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## 2.2. Label elements

|                                     |  |
|-------------------------------------|--|
| Hazard pictograms                   |   |
| Signal Word                         | Danger   |
| Hazard Statement                    | Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.   |
| Precautionary Statement: Prevention | P260 - Do not breathe dust/fume/gas/mist/vapours/spray.<br>P264 - Wash thoroughly after handling.<br>P280 - Wear protective gloves/protective clothing/eye protection/face protection.   |
| Precautionary Statement: Response   | 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/ .<br>P363 - Wash contaminated clothing before reuse. |
| Precautionary Statement: Disposal   | P501 - Dispose of contents/container to an approved hazardous/special waste disposal facility in accordance with local and national regulations  |

## 2.3. Other hazards

|               |   |
|---------------|---|
| Other hazards | May be harmful if swallowed. May be harmful if inhaled. |
|---------------|---|

## 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   |
|-----------------------------|--------------|------------|-----------|---------------------------|--------------|--|
| Hydrogen chloride           | 017-002-00-2 | 7647-01-0  | 231-595-7 |                           | 1 - 10%      | Acute Tox. 3: H331; Skin Corr. 1A: H314;   |
| Cocamidopropyl betaine      |              | 61789-40-0 | 263-058-8 |                           | 0.5 - 1%     | Eye Dam. 1: H318; Aquatic Acute 2: H401; Aquatic Chronic 3: H412;  |
| Lauryl dimethyl amine oxide |              | 1643-20-5  | 216-700-6 |                           | 1 - 10%      | Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 2: H411; |
| Sulphamic acid              | 016-026-00-0 | 5329-14-6  | 226-218-8 |                           | 1 - 10%      | Eye Irrit. 2: H319; Skin Irrit. 2: H315; Aquatic Chronic 3: H412;  |
| Glycolic acid               |              | 79-14-1    | 201-180-5 |                           | 1 - 10%      | Skin Corr. 1B: H314; Acute Tox. 4: H332;   |

## Description

|  |   |
|--|---|
|  | Concentrations listed are not product specifications. |
|--|---|

## Further information

|  |  |
|--|--|
|  | Full text of Hazard Statements listed in this Section is provided in Section 16. |
|--|--|

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

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## 4.1. Description of first aid measures

|              |  |
|--------------|--|
| Inhalation   | Move the exposed person to fresh air. Immediate medical attention is required. If unconscious, check for breathing and apply artificial respiration if necessary. If breathing is difficult give oxygen. If breathing stops, provide artificial respiration.   |
| Eye contact  | Remove the affected person from the source of contamination immediately. Hold eye open and rinse slowly and gently with water for 15-20 minutes. Contact lenses should be removed. Immediate medical attention is required.  |
| Skin contact | Remove the affected person from the source of contamination immediately. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Immediate medical attention is required. |
| Ingestion    | Rinse mouth thoroughly. Do not induce vomiting unless told to do so by the poison control center or doctor. Probable mucosal damage may contraindicate the use of gastric lavage. Never give anything by mouth to an unconscious person. Immediate medical attention is required.  |

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

|              |   |
|--------------|---|
| Inhalation   | Corrosive to the respiratory tract. Causes burns. In severe cases, may cause loss of consciousness. May cause irritation to mucous membranes. May cause dizziness and headache. |
| Eye contact  | Risk of serious damage to eyes. Causes severe inflammation and may damage the cornea. Danger of very serious irreversible effects.  |
| Skin contact | Corrosive to living tissue. Causes skin burns. Danger of very serious irreversible effects.   |
| Ingestion    | Corrosive to living tissue. Causes severe burns. Danger of very serious irreversible effects. Ingestion may cause nausea and vomiting.  |

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

|  |   |
|--|---|
|  | Remove the affected person from the source of contamination immediately. Transfer to hospital if there are burns or symptoms of poisoning. Immediate medical attention is required. If medical advice is needed, have product container or label at hand. |
|--|---|

## Further information

|  |  |
|--|--|
|  | Refer to product label and/or package insert for additional information. |
|--|--|

## 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

|  |  |
|--|--|
|  | Do not breathe vapor or spray mist. Contains substance(s) which are hazardous to the environment. Do not allow runoff water to enter sewers or drains. |
|--|--|

## 5.3. Advice for firefighters

|  |  |
|--|--|
|  | In case of fire and/or explosion do not breathe fumes. Wear self-contained breathing apparatus and chemical-protective clothing. |
|--|--|

## SECTION 6: Accidental release measures

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

|  |   |
|--|---|
|  | In the case of cleanup following a spill, wear protective clothing and appropriate equipment to prevent exposure of skin and eyes and to prevent ingestion or inhalation. Ensure adequate ventilation of the working area. Keep personnel away from spill. Avoid contact with eyes and skin. Avoid prolonged or repeated exposure. Keep away from incompatible materials. |
|--|---|

## 6.2. Environmental precautions

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Revision date 2020-07-22**6.2. Environmental precautions**

Prevent further spillage if safe. Clean spillage area thoroughly with plenty of water. Do not flush into surface water. Do not let product contaminate subsoil.

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

Absorb with inert, absorbent material. Collect spillage. Transfer to suitable, labelled containers for disposal. Dispose of this material and its container to hazardous or special waste collection point. Clean spillage area thoroughly with plenty of water. Do not contaminate water by cleaning of equipment or disposal of wastes.

**6.4. Reference to other sections**

See Section(s) 2, 8, and 13 for further information.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Adopt best Manual Handling considerations when handling, carrying and dispensing. Handle and open container with care. Do not breathe vapor or spray mist. Ensure adequate ventilation of the working area. In case of insufficient ventilation, wear suitable respiratory equipment. Causes eye damage and skin damage. Wear chemical protective clothing. Wear goggles or face shield and rubber gloves when handling this product. Wash the outside of gloves before removing them. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Contaminated work clothing should not be allowed out of the workplace. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not eat, drink or smoke in areas where this product is used or stored.

Read the entire label and follow all use directions, restrictions, and precautions.

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

Store in original container in a cool, dry place inaccessible to children and pets. Keep container tightly closed. Do not contaminate water, food, or feed by storage or disposal. Keep containers closed and away from other chemicals. Do not store with incompatible substances or mixtures. Follow label instructions.

**7.3. Specific end use(s)**

See Section(s) 1.2 for further information.

**Further information**

Refer to product label and/or package insert for additional information.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure Limit Values**

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## Exposure Limit Values

|                                    |  |   |
|------------------------------------|--|---|
| Formaldehyde...%<br>(Formaldehyde) | ACGIH TLV TWA: -<br>Notations: SEN; A2<br>OSHA PEL 8hr TWA mg m3: -<br>NIOSH REL 10hr TWA ppm:<br>NIOSH REL 15 min ST ppm:           | ACGIH TLV STEL: C 0.3 ppm<br>OSHA PEL 8hr TWA ppm: -<br>Skin Designation: -<br>NIOSH REL 10hr TWA mg m3:<br>NIOSH REL 15 min ST mg m3:  |
| Hydrogen chloride                  | ACGIH TLV TWA: -<br>Notations: A4<br>OSHA PEL 8hr TWA mg m3: (C)7<br>NIOSH REL 10hr TWA ppm:<br>NIOSH REL 15 min ST ppm:             | ACGIH TLV STEL: C 2 ppm<br>OSHA PEL 8hr TWA ppm: (C)5<br>Skin Designation: -<br>NIOSH REL 10hr TWA mg m3:<br>NIOSH REL 15 min ST mg m3: |
| Methanol                           | ACGIH TLV TWA: 200 ppm<br>Notations: Skin; BEI<br>OSHA PEL 8hr TWA mg m3: 260<br>NIOSH REL 10hr TWA ppm:<br>NIOSH REL 15 min ST ppm: | ACGIH TLV STEL: 250 ppm<br>OSHA PEL 8hr TWA ppm: 200<br>Skin Designation: -<br>NIOSH REL 10hr TWA mg m3:<br>NIOSH REL 15 min ST mg m3:  |

## 8.2. Exposure controls

|                                   |   |
|-----------------------------------|---|
|                                   |   |
| Appropriate engineering controls  | Ensure adequate ventilation of the working area. Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects.   |
| Individual protection measures    | Wear chemical protective clothing. Do not breathe vapor or spray mist.  |
| Eye / face protection             | Wear: Approved safety goggles, Face shield.   |
| Skin protection - Hand protection | Wear: Chemical resistant gloves. Wash the outside of gloves before removing them. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.  |
| Skin protection - Other           | After contact with skin, wash immediately with plenty of soap and water. Wear suitable protective clothing, gloves and eye/face protection.   |
| Respiratory protection            | In case of insufficient ventilation, wear suitable respiratory equipment.   |
| Occupational exposure controls    | Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Provide chemical shower. Provide eye wash station. Protect clothing from contact with the product. Contaminated work clothing should not be allowed out of the workplace. Avoid contamination of food or feedstuffs. |

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

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## 9.1. Information on basic physical and chemical properties

|                                 |                   |
|---------------------------------|-------------------|
| <b>State</b>                    | Liquid            |
| <b>Color</b>                    | Clear             |
| <b>Odor</b>                     | Characteristic    |
| <b>Odor threshold</b>           | No data available |
| <b>pH</b>                       | 1 - 3             |
| <b>Melting point</b>            | No data available |
| <b>Freezing Point</b>           | < 100 °C          |
| <b>Boiling point</b>            | > 100 °C          |
| <b>Flash point</b>              | No data available |
| <b>Flammability limits</b>      | Not applicable.   |
| <b>Vapor pressure</b>           | No data available |
| <b>Vapor density</b>            | No data available |
| <b>Relative density</b>         | 1.18 - 1.24       |
| <b>Autoignition temperature</b> | No data available |
| <b>Viscosity</b>                | 1 cP @ 25°C       |
| <b>Explosive properties</b>     | No data available |
| <b>Oxidizing properties</b>     | No data available |
| <b>Solubility</b>               | Miscible in water |

## 9.2. Other information

|   |                   |
|---|-------------------|
| <b>VOC (Volatile organic compounds)</b> | No data available |
|---|-------------------|

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

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

## 10.2. Chemical stability

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

## 10.3. Possibility of hazardous reactions

|  |   |
|--|---|
|  | Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected. |
|--|---|

## 10.4. Conditions to avoid

|  |   |
|--|---|
|  | Keep away from extreme temperatures. Keep away from incompatible materials. |
|--|---|

## 10.5. Incompatible materials

|  |                              |
|--|------------------------------|
|  | Keep away from strong bases. |
|--|------------------------------|

## 10.6. Hazardous decomposition products

|  |                |
|--|----------------|
|  | Carbon oxides. |
|--|----------------|

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

|                                      |  |
|--------------------------------------|--|
| <b>Acute toxicity</b>                | Based on available data, the classification criteria are not met. However, this product does contain substance(s) that are classified as hazardous. For more information, see Section 3. |
| <b>Skin corrosion/irritation</b>     | Corrosive to living tissue. Causes burns. Possible risk of irreversible effects.   |
| <b>Serious eye damage/irritation</b> | Causes severe burns. Causes severe inflammation and may damage the cornea. Possible risk of  |

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## 11.1. Information on toxicological effects

|   |   |
|---|---|
| Respiratory or skin sensitization<br>Germ cell mutagenicity<br>Carcinogenicity<br><br>Reproductive toxicity<br>STOT-single exposure<br><br>STOT-repeated exposure<br>Aspiration hazard<br>Repeated or prolonged exposure  | irreversible effects.   |
|   | May cause allergic reactions in susceptible people.   |
|   | Adverse mutagenic and teratogenic effects have been found in laboratory animals.  |
|   | Listed by the International Agency for Research on Cancer (IARC) as a Group 1 substance: known human carcinogen, [Formaldehyde, CAS No. 50-00-0], Group 2 substance: suspected of being a human carcinogen, [Dichloroacetic acid, CAS No. 79-43-6], Group 3 substance: evidence does not support the substance as a human carcinogen, [Hydrochloric acid (Hydrogen chloride), CAS No. 7647-01-0]. |
|   | Listed in the American Conference of Governmental Industrial Hygienists (ACGIH) Guide to Occupational Exposure Values as Group A2: suspected human carcinogen, [Formaldehyde, CAS No. 50-00-0], Group A3: confirmed animal carcinogen with unknown relevance to humans, [Dichloroacetic acid, CAS No. 79-43-6].   |
|   | Listed in the National Toxicology Program (NTP) Report on Carcinogens as a known human carcinogen, [Formaldehyde, CAS No. 50-00-0].   |
|   | Listed by the U.S. Occupational Safety and Health Administration (OSHA) as a known human carcinogen (29CFR1910.1003). [Formaldehyde, CAS No. 50-00-0].  |
|   | Adverse reproductive effects have been found in laboratory animals.   |
|   | May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause oral mucosal irritation.   |
|   | Components(s) may cause damage to human organs based on animal data.  |
| No Significant Hazard.  |   |
| Avoid prolonged or repeated exposure. Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Delayed appearance of the complaints and development of hypersensitivity (difficult breathing, coughing, asthma) are possible. |   |

## 11.1.2. Mixtures

|  |   |
|--|---|
|  | See Section(s) 3 for further information. |
|--|---|

## 11.1.3. Hazard Information

|  |   |
|--|---|
|  | See Section(s) 2 and 3 for further information. |
|--|---|

## 11.1.4. Toxicological information

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

## 11.1.5. Hazard Class

|  |   |
|--|---|
|  | See Section(s) 2 and 4 for further information. |
|--|---|

## 11.1.6. Classification Criteria

|  |   |
|--|---|
|  | Based on the Globally Harmonized System (GHS) considerations for the classification of mixtures. See Section 15 for regulatory citations. |
|--|---|

## 11.1.7. Information on likely routes of exposure

|  |   |
|--|---|
|  | Eye contact. Skin contact. Inhalation. Ingestion. |
|--|---|

## 11.1.8. Symptoms related to the physical, chemical and toxicological characteristics

|  |   |
|--|---|
|  | See Section(s) 4.2 for further information. |
|--|---|

## 11.1.9. Delayed and immediate effects as well as chronic effects from short and long-term exposure

|  |   |
|--|---|
|  | See Section(s) 4.2 for further information. |
|--|---|

## 11.1.10. Interactive effects

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

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## 11.1.11. Absence of specific data

&lt;1% of this mixture consists of ingredients of unknown acute toxicity.

## 11.1.12. Mixture versus substance information

See Section(s) 3 for further information.

## 11.1.13. Other information

Caution - substance not yet fully tested.

**SECTION 12: Ecological information**

## 12.1. Toxicity

No data available

## 12.2. Persistence and degradability

No data is available on this product.

## 12.3. Bioaccumulative potential

No data is available on this product.

## Partition coefficient

Methanol -0.77 log P

## 12.4. Mobility in soil

No data is available on this product.

## 12.5. Results of PBT and vPvB assessment

No data is available on this product.

## 12.6. Other adverse effects

Contains substance(s) which are hazardous to the environment. Specific test data for the mixture is not available.

**SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

Dispose of contents/container to an approved hazardous/special waste disposal facility in accordance with local and national regulations. Do not discharge effluent containing this product to sewer systems. Follow label instructions.

## Disposal methods

Dispose of contents/container to an approved hazardous/special waste disposal facility in accordance with local and national regulations. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not empty into drains; dispose of this material and its container in a safe way. Do not flush into surface water. Do not let product contaminate subsoil.

## Disposal of packaging

Nonrefillable container. Do not reuse or refill this container.  
If empty: Do not reuse this container. Place in trash or offer for recycling, if available.  
If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations. Can be recycled if in compliance with local and national regulations.

## Further information

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## Further information

Refer to product label and/or package insert for additional information.

## SECTION 14: Transport information

## Hazard pictograms



## 14.1. UN number

UN3264

## 14.2. UN proper shipping name

CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Hydrochloric acid, Glycolic 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 II

## 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)     | 855  |
| Maximum quantity                | 30 L |
| Packing Instruction (Passenger) | 851  |
| Maximum quantity                | 1 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. |
|-------------|---|

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

## Chemical Inventories/Right-to-Know Lists:

--International--.

Basel Convention (Hazardous Waste): H8.

Chemical Weapons Convention (OPCW): This material contains no reportable components.

Kyoto Protocol Greenhouse Gases: This material contains no reportable components.

Mercosur Agreement: Not applicable.

Montreal Protocol: This material contains no reportable components.

The Rotterdam Convention: This material contains no reportable components.

The Stockholm Convention: This material contains no reportable components.

--Asia and the ASEAN Nations--.

Catalog of Hazardous Chemicals (China): [2507, Hydrochloric acid (Hydrogen chloride), CAS No. 7647-01-0], [25, Sulfamic acid, CAS No. 5329-14-6], [553, Dichloroacetic acid, CAS No. 79-43-6], [1173, Formaldehyde (Methanal solution), CAS No. 50-00-0].

Regulation of Minister of Trade of the Republic of Indonesia, Number 75, Year 2014, regarding The Second Amendment of Minister of Trade, Number 44, Year 2009, Regarding Provision,

Distribution, and Control of Hazardous Substances: Usable hazardous and toxic material,

[Hydrochloric acid (Hydrogen chloride), CAS No. 7647-01-0], [Formaldehyde, CAS No. 50-00-0].

Chemical Substances Control Law (Japan): Air Pollution Control Law (Japan): [], Water Pollution

Control Law (Japan): [], [Hydrochloric acid (Hydrogen chloride), CAS No. 7647-01-0], Priority

Assessment, (ecosystem), Class I environmental release, [Lauryl dimethyl amine oxide, CAS No.

1643-20-5], [Cocamidopropyl betaine, CAS No. 61789-40-0], [Formaldehyde, CAS No. 50-00-0],

Class II environmental release, [Dichloroacetic acid, CAS No. 79-43-6]. Type II monitoring, No.

1030 [Formaldehyde, CAS No. 50-00-0].

Industrial Safety and Health Act, Dangerous Substances (Japan): Labeling/Notification required, Group 3 specified substance, [Hydrochloric acid (Hydrogen chloride), CAS No. 7647-01-0].

Administrative controls, reg. no. 29.2 [Formaldehyde, CAS No. 50-00-0] (0.1ppm).

Poisonous and Deleterious Substances Act (Japan): Deleterious substance, [Hydrochloric acid (Hydrogen chloride), CAS No. 7647-01-0], [Glycolic acid, CAS No. 79-14-1], [Dichloroacetic acid, CAS No. 79-43-6].

Chemical Substances Subject to Permission (Korea): This material contains no reportable components.

Restricted or Prohibited Substances (Korea): This material contains no reportable components.

Use and Standards of Exposure of Chemicals Hazardous to Health (USECHH), Regulation 2000

(Malaysia): Schedule I exposure standard, CLASS regulation, [Hydrochloric acid (Hydrogen

chloride), CAS No. 7647-01-0], [Formaldehyde, CAS No. 50-00-0].

Philippine Inventory of Chemicals and Chemical Substances (PICCS): Toxic Substances and

Hazardous and Nuclear Wastes Control Act (RA6969):, [Hydrochloric acid (Hydrogen chloride),

CAS No. 7647-01-0], [Lauryl dimethyl amine oxide, CAS No. 1643-20-5], [Sulfamic acid, CAS No.

5329-14-6], [Cocamidopropyl betaine, CAS No. 61789-40-0], [Dichloroacetic acid, CAS No.

79-43-6].

Taiwan Toxic and Concerned Chemical Substances Control Act (TCCSCA): This material contains no reportable components.

Hazardous Substances Act (Thailand): Type 2 [Formaldehyde, CAS No. 50-00-0].

Law on Chemicals (Vietnam): Annex I, Appendix IV, Appendix V, Appendix VI, Appendix VII,

[Hydrochloric acid (Hydrogen chloride), CAS No. 7647-01-0], Annex I, Appendix VII, [Sulfamic acid,

CAS No. 5329-14-6], [Dichloroacetic acid, CAS No. 79-43-6], Annex I, Appendix II, Appendix IV,

Appendix VI, Appendix VII, [Formaldehyde, CAS No. 50-00-0].

--Australia and New Zealand--.

Australian Dangerous Goods Code: Class 8.

Australian Inventory of Chemical Substances (AICS): All ingredients listed or exempt.

New Zealand Inventory of Chemicals (NZIoC): All ingredients listed or exempt.

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

--European Union (EU) and the United Kingdom (UK)--.

Authorization List (Annex XIV of REACH): This material contains no reportable components.  
Annex XVII for REACH: This material contains no reportable components.  
Article 95 of the Biocidal Products Regulation (BPR): Not applicable.

--North America--.

Domestic/Non-Domestic Substances Lists (DSL/NDSL): All ingredients listed or exempt.  
Toxic Substances Control Act (TSCA): All ingredients listed or exempt.  
Massachusetts Right-to-Know Hazardous Substance List: Hydrochloric acid (Hydrogen chloride).  
New Jersey Worker and Community Right to Know Act: Hydrochloric acid (Hydrogen chloride), Sulphamic acid.  
Pennsylvania Right to Know Law: Hydrochloric acid (Hydrogen chloride).  
Rhode Island Right-to-Know General Law: Hydrochloric acid (Hydrogen chloride).

**\*\*California residents please note\*\*.**

WARNING: This product can expose you to chemicals, including formaldehyde, CAS No. 50-00-0 and dichloroacetic acid, CAS No. 79-43-6, which is/are known to the State of California to cause cancer, and dichloroacetic acid, CAS No. 79-43-6 which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

California Cleaning Product Right-to-Know Act of 2017 (SB 258): See [Attachment A](#) for complete list and additional information.

## Inventories

| Ingredient                            | TSCA | MA | SARA313 | CALPROP65 | CWA307 | CAA112 | CWA311 | SARA302 | SARA304 |
|---------------------------------------|------|----|---------|-----------|--------|--------|--------|---------|---------|
| Hydrogen chloride (Hydrochloric acid) | Y    | Y  | Y 1.0   | N         | N      | Y      | Y      | Y 500   | Y 5,000 |
| Sulphamic acid (Sulfamic acid)        | Y    | N  | N       | N         | N      | N      | N      | N       | N       |
| Formaldehyde...% (Formaldehyde)       | Y    | Y  | Y 0.1   | Y         | N      | Y      | Y      | Y 500   | Y 100   |
| Methanol                              | Y    | Y  | Y 1.0   | Y         | N      | Y      | N      | N       | N       |

## SECTION 16: Other information

## Other information

| Revision |  |
|----------|--|
|          | <p>This document differs from the previous version in the following areas:.</p> <ul style="list-style-type: none"> <li>1 - Product Use.</li> <li>1 - Manufactured By:.</li> <li>2 - 2.1.2. Classification - GHS.</li> <li>2 - Hazard pictograms.</li> <li>2 - Precautionary Statement: Prevention.</li> <li>2 - Precautionary Statement: Response.</li> <li>2 - Precautionary Statement: Storage.</li> <li>5 - 5.2. Special hazards arising from the substance or mixture.</li> <li>5 - 5.3. Advice for firefighters.</li> <li>8 - Individual protection measures.</li> <li>9 - 9.1. Information on basic physical and chemical properties (Relative density).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Viscosity).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Freezing Point).</li> <li>12 - 12.6. Other adverse effects.</li> <li>15 - Chemical Inventories/Right-to-Know Lists:.</li> <li>16 - Acronyms.</li> </ul> |

## Acid-A-Foam™ EVO

Revision 4  
Revision date 2020-07-22

## Other information

|   |   |
|---|---|
| <b>Acronyms</b>                               | <p>ADR/RID: European Agreements Concerning the International Carriage of Dangerous Goods by Rail (RID) and by Road (ADR).</p> <p>CAS No.: Chemical Abstracts Service.</p> <p>GHS: Globally Harmonized System.</p> <p>HCS 2012: Hazard Communication Standard (2012 revision).</p> <p>IATA: International Air Transport Association.</p> <p>ICAO: International Civil Aviation Organization.</p> <p>IMDG: International Maritime Dangerous Goods.</p> <p>LD: Lethal dose.</p> <p>OEL: Occupational exposure limit.</p> <p>OSHA: U.S. Occupational Safety and Health Administration.</p> <p>PEL: Permissible Exposure Limit.</p> <p>REACH: Registration, Evaluation, Authorization, and Restriction of Chemicals.</p> <p>STOT: Specific Target Organ Toxicity.</p> <p>SVHC: Substance of very high concern.</p> <p>US DOT: United States Department of Transportation.</p> <p>VOC: Volatile Organic Compound.</p> <p>WEL: Workplace Exposure Limit.</p>   |
| <b>Text of Hazard Statements in Section 3</b> | <p>Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.</p> <p>Acute Tox. 3: H331 - Toxic if inhaled.</p> <p>Eye Dam. 1: H318 - Causes serious eye damage.</p> <p>Aquatic Acute 2: H401 - Toxic to aquatic life.</p> <p>Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.</p> <p>Acute Tox. 4: H302 - Harmful if swallowed.</p> <p>Skin Irrit. 2: H315 - Causes skin irritation.</p> <p>Aquatic Acute 1: H400 - Very toxic to aquatic life.</p> <p>Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation.</p> <p>Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.</p> <p>Acute Tox. 4: H332 - Harmful if inhaled.</p> <p>Flam. Liq. 2: H225 - Highly flammable liquid and vapour.</p> <p>Acute Tox. 3: H301+H311+H331 - Toxic if swallowed, in contact with skin or if inhaled</p> <p>STOT SE 1: H370 - Causes damage to organs .</p> <p>STOT SE 2: H371 - May cause damage to organs .</p> |

## Further information

|  |  |
|--|--|
|  | <p>DISCLAIMER: The information and recommendations set forth herein ("Information") are presented in good faith and believed to be correct as of the date issued. No representation is made regarding the completeness or accuracy of the Information. Further, because of the many factors that affect the use of this product, the Information is supplied upon the condition that the person(s) receiving it will make their own determination regarding its suitability for their own unique purpose(s), prior to use.</p> <p>Except as expressly stated herein, NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, USAGE OF TRADE, OR RESULTS TO BE OBTAINED BY USE OF THIS PRODUCT are made with respect to this product or use of this product. The product covered is furnished "as is" and only subject to the warranties herein provided, no liability is assumed resulting from the use of this product.</p> |
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## Attachment A

(Refer to the accompanying SDS for information on hazards)

| <b>Acid-A-Foam™ EVO</b>     |                |                    |                |
|-----------------------------|----------------|--------------------|----------------|
| <b>Chemical Name</b>        | <b>CAS No.</b> | <b>Function</b>    | <b>List(s)</b> |
| Water                       | 7732-18-5      | Diluent            | Not applicable |
| Hydrochloric Acid           | 7647-01-0      | Cleaning agent     | Not applicable |
| Lauryl Dimethyl Amine Oxide | 1643-20-5      | Wetting agent      | Not applicable |
| Sulfamic Acid               | 5329-14-6      | Cleaning agent     | Not applicable |
| Cocamidopropyl Betaine      | 61789-40-0     | Emulsifier         | Not applicable |
| Acrylic polymer             | withheld       | Sequestering agent | Not applicable |
| Glycolic Acid               | 79-14-1        | Cleaning agent     | Not applicable |
| Cyclic Organic Compound     | withheld       | Surfactant         | Not applicable |

### Alternate product names:

Not applicable

### For use with SDS:

Product Name: Acid-A-Foam™ EVO  
Product Code: 418089

Version Date: 21-Sep-2020  
Revision: 4  
Replaces: 26-Nov-2019

**Neogen Corporation**  
620 Leshar Place, Lansing MI 48912  
517/372-9200 • 800/234-5333 • fax: 517/372-0108  
neogen-info@neogen.com • www.neogen.com