

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Product name : Mighty Brightline Low pH Foamer

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Cleaning/washing agents

1.4. Supplier's details

Mighty Auto Parts
650 Engineering Drive
Peachtree Corners, GA 30092
USA
T 800-829-3900

1.5. Emergency phone number

Emergency number : 1-800-424-9300 (CHEMTREC)

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

| | | |
|---|------|--|
| Corrosive to metals, Category 1 | H290 | May be corrosive to metals. |
| Acute toxicity (oral), Category 4 | H302 | Harmful if swallowed. |
| Skin corrosion/irritation, Category 1C | H314 | Causes severe skin burns and eye damage. |
| Serious eye damage/eye irritation, Category 1 | H318 | Causes serious eye damage. |

Full text of H statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Danger

Hazard statements (GHS US) :

H290 - May be corrosive to metals
H302 - Harmful if swallowed
H314 - Causes severe skin burns and eye damage

Precautionary statements (GHS US) :

P234 - Keep only in original packaging.
P260 - Do not breathe dusts or mists.
P264 - Wash hands, forearms and face thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.
P301+P312 - If swallowed: Call a poison center or doctor if you feel unwell.

Mighty Brightline Low pH Foamer

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting.
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a poison center or doctor.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P330 - Rinse mouth.
P363 - Take off immediately all contaminated clothing and wash it before reuse.
P390 - Absorb spillage to prevent material-damage.
P405 - Store locked up.
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | GHS US classification |
|-------------------------------------|----------------------|---------|---|
| PHOSPHORIC ACID | CAS-No.: 7664-38-2 | 15 – 50 | Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Skin Corr. 1, H314 Eye Dam. 1, H318 |
| 4-NONYLPHENOL BRANCHED, ETHOXYLATED | CAS-No.: 127087-87-0 | 5 – 15 | Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 |
| BENZENESULFONIC ACID, DODECYL- | CAS-No.: 68584-22-5 | 1 – 10 | Acute Tox. 4 (Oral), H302 Skin Corr. 1C, H314 Eye Dam. 1, H318 |
| CITRIC ACID | CAS-No.: 77-92-9 | 1 – 10 | Eye Irrit. 2A, H319 Comb. Dust |
| 2-BUTOXYETHANOL | CAS-No.: 111-76-2 | ≥ 1 | Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 |

Full text of hazard classes and H-statements : see section 16

Mighty Brightline Low pH Foamer

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

| | |
|---|--|
| First-aid measures general | : Call a physician immediately. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. |
| First-aid measures after skin contact | : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Call a physician immediately. |
| First-aid measures after eye contact | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. |
| First-aid measures after ingestion | : Rinse mouth. Do not induce vomiting. Call a physician immediately. |
| Personal protection for first-aid responders. | : First aid workers will be equipped with suitable personal protective equipment. |

4.2. Most important symptoms/effects, acute and delayed

| | |
|-------------------------------------|---------------------------------|
| Symptoms/effects after inhalation | : None under normal conditions. |
| Symptoms/effects after skin contact | : Burns. |
| Symptoms/effects after eye contact | : Serious damage to eyes. |
| Symptoms/effects after ingestion | : Harmful if swallowed. Burns. |

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

| | |
|-----------------------------------|--------------------------|
| Other medical advice or treatment | : Treat symptomatically. |
|-----------------------------------|--------------------------|

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

| | |
|--------------------------------|--|
| Suitable extinguishing media | : Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

5.2. Specific hazards arising from the chemical

| | |
|--|--------------------------------|
| Fire hazard | : No fire hazard. |
| Explosion hazard | : No direct explosion hazard. |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |

5.3. Special protective equipment and precautions for fire-fighters

| | |
|--------------------------------|---|
| Firefighting instructions | : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|------------------|---|
| General measures | : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage. |
|------------------|---|

For non-emergency personnel

| | |
|----------------------|--|
| Protective equipment | : Wear recommended personal protective equipment. |
| Emergency procedures | : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray. |

For emergency responders

| | |
|----------------------|---|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
|----------------------|---|

Mighty Brightline Low pH Foamer

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

Environmental precautions : Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.
Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.

For further information refer to section 13.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray. Wear personal protective equipment.
Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

7.2. Conditions for safe storage, including incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.
Storage conditions : Store in corrosive resistant container with a resistant inner liner. Keep only in original container. Store locked up.
Incompatible materials : Alkalines. Metals.
Storage temperature : Room temperature
Packaging materials : Store always product in container of same material as original container.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

PHOSPHORIC ACID (7664-38-2)

| | |
|--------------------------------|----------------------------------|
| Local name | Phosphoric acid |
| ACGIH® TLV® TWA | 1 mg/m ³ |
| ACGIH® TLV® STEL | 3 mg/m ³ |
| Remark (ACGIH) | TLV® Basis: URT, eye, & skin irr |
| Regulatory reference | ACGIH 2022 |
| Local name | Phosphoric acid |
| OSHA PEL TWA | 1 mg/m ³ |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |

Mighty Brightline Low pH Foamer

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

| 2-BUTOXYETHANOL (111-76-2) | |
|----------------------------|--|
| ACGIH® TLV® TWA | 97 mg/m ³ |
| | 20 ppm |
| Remark (ACGIH) | TLV® Basis: Eye & URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI |
| BEI (BLV) | 200 mg/g Kreatinin Parameter: Butoxyacetic acid (BAA) - Medium: urine - Sampling time: End of shift |
| OSHA PEL TWA | 240 mg/m ³ |
| | 50 ppm |
| Cal/OSHA PEL (OEL TWA) | 97 mg/m ³ |
| | 20 ppm |
| Remark (Cal/OSHA) | S - Skin notation and Protecting Clothing |
| NIOSH REL 10h TWA | 5 ppm |

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:

Wear recommended personal protective equipment.

| |
|--|
| Hand protection: |
| Protective gloves |
| Eye protection: |
| Safety glasses |
| Skin and body protection: |
| Wear suitable protective clothing |
| Respiratory protection: |
| In case of insufficient ventilation, wear suitable respiratory equipment |

Personal protective equipment symbol(s):



Mighty Brightline Low pH Foamer

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

| | |
|---|------------------------|
| Physical state | : Liquid |
| Color | : Blue |
| Odor | : Odorless |
| Odor threshold | : No data available |
| pH | : 2.1 (1% in DI water) |
| Melting point | : Not applicable |
| Freezing point | : No data available |
| Boiling point | : 100 °C |
| Flash point | : > 100 °C |
| Flammability (solid, gas) | : Not applicable. |
| Vapor pressure | : No data available |
| Relative vapor density at 20°C | : No data available |
| Relative density | : 1.14 @ 15.6 °C |
| Solubility | : Soluble in water. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : No data available |
| Explosion limits | : No data available |
| Particle characteristics | : No data available |

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

See section 7 of the SDS.

10.5. Incompatible materials

Alkalines. Metals.

10.6. Hazardous decomposition products

During combustion. May liberate toxic gases.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed.

Mighty Brightline Low pH Foamer

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Mighty Brightline Low pH Foamer

| | |
|---------------|----------------------------|
| ATE US (oral) | 1668.904 mg/kg body weight |
|---------------|----------------------------|

4-NONYLPHENOL BRANCHED, ETHOXYLATED (127087-87-0)

| | |
|-----------------------------------|------------------------------|
| LD50 oral | 657 mg/kg body weight rabbit |
| LD50 dermal rabbit | 6000 mg/kg |
| LC50 Inhalation - Rat (Dust/Mist) | No information available |

BENZENESULFONIC ACID, DODECYL- (68584-22-5)

| | |
|-----------------|--------------|
| LD50 oral rat | 1470 mg/kg |
| LD50 dermal rat | > 2000 mg/kg |

PHOSPHORIC ACID (7664-38-2)

| | |
|--------------------------------|--------------|
| LD50 oral | > 300 mg/kg |
| LD50 dermal | > 3160 mg/kg |
| LC50 Inhalation - Rat (Vapors) | > 20 mg/l/4h |

CITRIC ACID (77-92-9)

| | |
|--------------------------------|--------------|
| LD50 oral | > 5040 mg/kg |
| LD50 dermal rat | > 2000 mg/kg |
| LC50 Inhalation - Rat (Vapors) | > 20 mg/l/4h |

2-BUTOXYETHANOL (111-76-2)

| | |
|-----------------|---|
| LD50 oral rat | 1746 mg/kg |
| LD50 oral | 1414 mg/kg body weight (OECD 401 method) |
| LD50 dermal rat | > 2000 mg/kg Source: European Chemicals Agency, http://echa.europa.eu/ |

Skin corrosion/irritation : Causes severe skin burns.
pH: 2.1 (1% in DI water)
Serious eye damage/irritation : Causes serious eye damage.
pH: 2.1 (1% in DI water)
Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

2-BUTOXYETHANOL (111-76-2)

| | |
|------------|----------------------|
| IARC group | 3 - Not classifiable |
|------------|----------------------|

Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified

CITRIC ACID (77-92-9)

| | |
|--------------------------|------------------------|
| LOAEL (oral,rat,90 days) | 8000 mg/kg body weight |
| NOAEL (oral,rat,90 days) | 4000 mg/kg body weight |

Aspiration hazard : Not classified
Symptoms/effects after inhalation : None under normal conditions.

Mighty Brightline Low pH Foamer

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

| | |
|-------------------------------------|--------------------------------|
| Symptoms/effects after skin contact | : Burns. |
| Symptoms/effects after eye contact | : Serious damage to eyes. |
| Symptoms/effects after ingestion | : Harmful if swallowed. Burns. |

SECTION 12 Ecological information

12.1. Ecotoxicity

| | |
|---|---|
| Ecology - general | : Before neutralisation, the product may represent a danger to aquatic organisms. |
| Hazardous to the aquatic environment, short-term (acute) | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified |

4-NONYLPHENOL BRANCHED, ETHOXYLATED (127087-87-0)

| | |
|----------------------|--|
| LC50 - Fish [1] | 11.6 mg/l (48 h, <i>Oryzias latipes</i> , Static system, Fresh water, Experimental value) |
| EC50 - Crustacea [1] | 14 mg/l (48 h, <i>Daphnia magna</i> , Static renewal, Fresh water, Experimental value) |
| EC50 72h - Algae [1] | 1948545 mg/l Test organisms (species): <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i>) |
| EC50 96h - Algae [1] | 12 mg/l (<i>Selenastrum capricornutum</i> , Static system, Fresh water, Experimental value, Nominal concentration) |

BENZENESULFONIC ACID, DODECYL- (68584-22-5)

| | |
|----------------------|--|
| LC50 - Fish [1] | 4.1 mg/l (DIN 38412-15, 96 h, <i>Leuciscus idus</i> , Static system, Fresh water, Experimental value, Nominal concentration) |
| EC50 - Crustacea [1] | 2.5 mg/l (OECD 202: <i>Daphnia</i> sp. Acute Immobilisation Test, 48 h, <i>Daphnia magna</i> , Static system, Fresh water, Nominal concentration) |
| EC50 72h - Algae [1] | 65.4 mg/l Test organisms (species): <i>Pseudokirchneriella subcapitata</i> (previous names: <i>Raphidocelis subcapitata</i> , <i>Selenastrum capricornutum</i>) |
| EC50 72h - Algae [2] | 21 mg/l Test organisms (species): <i>Pseudokirchneriella subcapitata</i> (previous names: <i>Raphidocelis subcapitata</i> , <i>Selenastrum capricornutum</i>) |
| ErC50 algae | 65.4 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, <i>Pseudokirchneriella subcapitata</i> , Static system, Fresh water, Experimental value) |

PHOSPHORIC ACID (7664-38-2)

| | |
|----------------------|-------------------------|
| LC50 - Fish [1] | 75.1 mg/l Source: ECHA |
| EC50 - Crustacea [1] | 100 mg/l Source: ECHA |
| EC50 72h - Algae [1] | > 100 mg/l Source: ECHA |

CITRIC ACID (77-92-9)

| | |
|------------------------------------|---|
| LC50 - Fish [1] | 440 – 760 mg/l (Equivalent or similar to OECD 203, 48 h, <i>Leuciscus idus</i> , Static system, Fresh water, Experimental value, Nominal concentration) |
| EC50 - Other aquatic organisms [1] | > 50 mg/l Test organisms (species): other aquatic crustacea: |

2-BUTOXYETHANOL (111-76-2)

| | |
|----------------------|------------------------|
| LC50 - Fish [1] | 1474 mg/l Source: ECHA |
| EC50 - Crustacea [1] | 1800 mg/l Source: ECHA |
| EC50 72h - Algae [1] | 911 mg/l Source: ECHA |

Mighty Brightline Low pH Foamer

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

2-BUTOXYETHANOL (111-76-2)

| | |
|-------------------|--|
| ErC50 algae | 1840 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Nominal concentration) |
| NOEC (chronic) | 100 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |
| NOEC chronic fish | ≥ 100 mg/l Test organisms (species): Oryzias latipes Duration: '14 d' |

12.2. Persistence and degradability

Mighty Brightline Low pH Foamer

| | |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

4-NONYLPHENOL BRANCHED, ETHOXYLATED (127087-87-0)

| | |
|-------------------------------|-------------------------------------|
| Persistence and degradability | Not readily biodegradable in water. |
|-------------------------------|-------------------------------------|

BENZENESULFONIC ACID, DODECYL- (68584-22-5)

| | |
|-------------------------------|------------------------------------|
| Persistence and degradability | Readily biodegradable in water. |
| Chemical oxygen demand (COD) | 2.41 g O ₂ /g substance |

PHOSPHORIC ACID (7664-38-2)

| | |
|-------------------------------|-----------------------------------|
| Persistence and degradability | Biodegradability: not applicable. |
|-------------------------------|-----------------------------------|

CITRIC ACID (77-92-9)

| | |
|---------------------------------|--|
| Persistence and degradability | Biodegradable in the soil, Readily biodegradable in water. |
| Biochemical oxygen demand (BOD) | 0.42 g O ₂ /g substance |
| Chemical oxygen demand (COD) | 0.728 g O ₂ /g substance |
| ThOD | 0.686 g O ₂ /g substance |
| BOD (% of ThOD) | 0.89 (20 day(s), Literature study) |

2-BUTOXYETHANOL (111-76-2)

| | |
|-------------------------------|---------------------------------|
| Persistence and degradability | Readily biodegradable in water. |
|-------------------------------|---------------------------------|

12.3. Bioaccumulative potential

4-NONYLPHENOL BRANCHED, ETHOXYLATED (127087-87-0)

| | |
|---|--|
| BCF - Fish [1] | 15 – 53 (Calculated value) |
| Partition coefficient n-octanol/water (Log Pow) | 5.67 (Practical experience/observation, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C) |
| Bioaccumulative potential | Low potential for bioaccumulation (BCF < 500). |

BENZENESULFONIC ACID, DODECYL- (68584-22-5)

| | |
|---|--|
| BCF - Fish [1] | 65 – 96 (OECD 305: Bioconcentration: Flow-Through Fish Test, 32 day(s), Pimephales promelas, Static system, Fresh water, Experimental value, Fresh weight) |
| Partition coefficient n-octanol/water (Log Pow) | 1.96 (Weight of evidence approach, Equivalent or similar to OECD 107, 25 °C) |
| Bioaccumulative potential | Low potential for bioaccumulation (BCF < 500). |

Mighty Brightline Low pH Foamer

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

| PHOSPHORIC ACID (7664-38-2) | |
|---|--|
| Bioaccumulative potential | No test data of component(s) available. |
| CITRIC ACID (77-92-9) | |
| BCF - Other aquatic organisms [1] | 3.2 l/kg (Calculated value) |
| Partition coefficient n-octanol/water (Log Pow) | -1.8 – -1.55 (Experimental value) |
| Bioaccumulative potential | Not bioaccumulative. |
| 2-BUTOXYETHANOL (111-76-2) | |
| Partition coefficient n-octanol/water (Log Pow) | 0.81 Source: ECHA |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

12.4. Mobility in soil

| 4-NONYLPHENOL BRANCHED, ETHOXYLATED (127087-87-0) | |
|--|--|
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 2.631 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value) |
| Ecology - soil | No (test)data on mobility of the substance available. |
| BENZENESULFONIC ACID, DODECYL- (68584-22-5) | |
| Surface tension | 29.3 – 31.8 N/m (25 °C, 120 mg/l) |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 3.96 (log Koc, OECD 106: Adsorption/Desorption Using a Batch Equilibrium Method, Calculated value) |
| Ecology - soil | Low potential for mobility in soil. |
| PHOSPHORIC ACID (7664-38-2) | |
| Ecology - soil | Highly mobile in soil. |
| CITRIC ACID (77-92-9) | |
| Ecology - soil | No (test)data on mobility of the substance available. |
| 2-BUTOXYETHANOL (111-76-2) | |
| Surface tension | 65.03 mN/m (20 °C, 0.2 g/l) |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 0.5 – 0.9 (log Koc, SRC PCKOCWIN v2.0, Calculated value) |
| Ecology - soil | Highly mobile in soil. |

12.5. Other adverse effects

| | |
|------------------------------|------------------|
| Ozone | : Not classified |
| Fluorinated greenhouse gases | : No |

SECTION 13 Disposal considerations

| | |
|--|---|
| Regional waste regulation | : Disposal must be done according to official regulations. |
| Waste treatment methods | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Sewage disposal recommendations | : Disposal must be done according to official regulations. |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations. |
| Additional information | : Do not re-use empty containers. |

Mighty Brightline Low pH Foamer

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

SECTION 14 Transport information

In accordance with DOT

14.1. UN number

UN-No. (DOT) : UN1805

14.2. UN Proper Shipping Name

Proper Shipping Name (DOT) : Phosphoric acid solution

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : 8

Hazard labels (DOT) : 8



14.4. Packing group

Packing group (DOT) : III

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

UN-No. (DOT) : UN1805

DOT Packaging Exceptions (49 CFR 173.xxx) : 154

DOT Packaging Non Bulk (49 CFR 173.xxx) : 203

DOT Packaging Bulk (49 CFR 173.xxx) : 241

SECTION 15 Regulatory information

15.1. Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

| Name | CAS-No. | Listing | Commercial status | Flags |
|-------------------------------------|-------------|---------|-------------------|-------|
| 4-NONYLPHENOL BRANCHED, ETHOXYLATED | 127087-87-0 | Present | Active | XU |
| BENZENESULFONIC ACID, DODECYL- | 68584-22-5 | Present | Active | |
| PHOSPHORIC ACID | 7664-38-2 | Present | Active | |
| CITRIC ACID | 77-92-9 | Present | Active | |
| 2-BUTOXYETHANOL | 111-76-2 | Present | Active | |

Mighty Brightline Low pH Foamer

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

4-NONYLPHENOL BRANCHED, ETHOXYLATED (127087-87-0)

Subject to reporting requirements of United States SARA Section 313

BENZENESULFONIC ACID, DODECYL- (68584-22-5)

| | |
|-----------|---------|
| CERCLA RQ | 1000 lb |
|-----------|---------|

PHOSPHORIC ACID (7664-38-2)

Not subject to reporting requirements of the United States SARA Section 313

| | |
|-----------|---------|
| CERCLA RQ | 5000 lb |
|-----------|---------|

2-BUTOXYETHANOL (111-76-2)

Subject to reporting requirements of United States SARA Section 313

15.2. International regulations

CANADA

4-NONYLPHENOL BRANCHED, ETHOXYLATED (127087-87-0)

Listed on the Canadian DSL (Domestic Substances List)

BENZENESULFONIC ACID, DODECYL- (68584-22-5)

Listed on the Canadian DSL (Domestic Substances List)

PHOSPHORIC ACID (7664-38-2)

Listed on the Canadian DSL (Domestic Substances List)

CITRIC ACID (77-92-9)

Listed on the Canadian DSL (Domestic Substances List)

2-BUTOXYETHANOL (111-76-2)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

PHOSPHORIC ACID (7664-38-2)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

CITRIC ACID (77-92-9)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

2-BUTOXYETHANOL (111-76-2)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Mighty Brightline Low pH Foamer

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

15.3. State regulations

No additional information available

SECTION 16 Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Revision date : 10/17/2025

Issue date : 3/18/2024

| Full text of hazard classes and H-statements | |
|--|---|
| H227 | Combustible liquid |
| H290 | May be corrosive to metals |
| H302 | Harmful if swallowed |
| H314 | Causes severe skin burns and eye damage |
| H315 | Causes skin irritation |
| H318 | Causes serious eye damage |
| H319 | Causes serious eye irritation |

NFPA health hazard

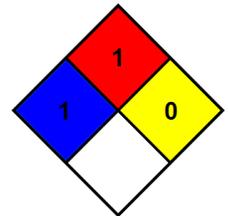
: 1 - Materials that, under emergency conditions, can cause significant irritation.

NFPA fire hazard

: 1 - Materials that must be preheated before ignition can occur.

NFPA reactivity

: 0 - Material that in themselves are normally stable, even under fire conditions.



Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.