



# High Foam Add

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 02/10/2015

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : High Foam Add  
Product code : 2020

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

Use of the substance/mixture : High Foaming Manual Detergent; Foaming additive

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

Ace Chemical Products, Inc.  
8415 N. 87th Street  
Milwaukee, WI 53224 - USA  
T (414) 357-8515 - F (414) 357-8528  
[info@acechem.com](mailto:info@acechem.com) - [www.acechem.com](http://www.acechem.com)

#### 1.4. Emergency telephone number

Emergency number : For help in chemical emergencies, call Chemtrec day or night  
Chemtrec 1-800-424-9300

### SECTION 2: Hazards identification

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

##### GHS-US classification

Not classified

#### 2.2. Label elements

##### GHS-US labelling

Hazard pictograms (GHS-US) :



GHS07

Signal word (GHS-US) : Warning

Hazard statements (GHS-US) : H302+H312 - Harmful if swallowed or in contact with skin  
H320 - Causes eye irritation

Precautionary statements (GHS-US) : P260 - Do not breathe dust, mist, spray  
P264 - Wash all exposed body parts thoroughly after handling  
P280 - Wear eye protection, face protection, protective clothing, protective gloves  
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, a doctor  
P321 - Specific treatment - see First Aid measures on this label  
P363 - Wash contaminated clothing before reuse  
P406 - Store in corrosion-resistant container with a resistant inner liner  
P501 - Dispose of contents/container to proper treatment facilities in accordance with all applicable local, state & federal regulations

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS-US)

Not applicable

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### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

| Name                 | Product identifier   | %       | GHS-US classification     |
|----------------------|----------------------|---------|---------------------------|
| Surfactant Blend 427 | (CAS No) Proprietary | 30 - 40 | Acute Tox. 4 (Oral), H302 |

Full text of H-phrases: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |   |
|---------------------------------------|---|
| First-aid measures general            | : IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Never give anything by mouth to an unconscious person.  |
| First-aid measures after inhalation   | : Respiratory problems: consult a doctor/medical service. Remove victim to fresh air and keep at rest in a position comfortable for breathing.  |
| First-aid measures after skin contact | : Wash immediately with lots of water (15 minutes)/shower. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Do not apply (chemical) neutralizing agents. Consult a doctor/medical service. Take victim to a doctor if irritation persists. |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Cover eyes aseptically. Take victim to an ophthalmologist. Do not apply neutralizing agents. Obtain medical attention if pain, blinking or redness persist.                  |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Never give anything by mouth to an unconscious person. Call a POISON CENTER/doctor/physician if you feel unwell.   |

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

|   |   |
|---|---|
| Symptoms/injuries                                 | : Skin rash/inflammation. Dry skin. Irritation of the eye tissue. |
| Symptoms/injuries after inhalation                | : Not irritating.   |
| Symptoms/injuries after skin contact              | : May cause moderate irritation.                                  |
| Symptoms/injuries after eye contact               | : Causes eye irritation.  |
| Symptoms/injuries after ingestion                 | : Irritation of the gastric/intestinal mucosa.                    |
| Symptoms/injuries upon intravenous administration | : No effects known.   |
| Chronic symptoms                                  | : Unlikely to cause harmful effects.                              |

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

Obtain immediate medical attention.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Fire extinguishing media: not applicable. Foam. Dry powder. Carbon dioxide. Water spray. Sand. |
| Unsuitable extinguishing media | : No unsuitable extinguishing media known. Do not use a heavy water stream.                      |

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

|                  |                   |
|------------------|-------------------|
| Fire hazard      | : No fire hazard. |
| Explosion hazard | : Not applicable. |

#### 5.3. Advice for firefighters

|                                |   |
|--------------------------------|---|
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection.   |

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

|                      |                                   |
|----------------------|-----------------------------------|
| Protective equipment | : Not applicable.                 |
| Emergency procedures | : Evacuate unnecessary personnel. |

##### 6.1.2. For emergency responders

|                      |  |
|----------------------|--|
| Protective equipment | : Equip cleanup crew with proper protection. |
|----------------------|--|

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Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

For containment : Dam up the liquid spill.

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

Maximum storage period : 1 year

Storage temperature : 5 - 60 °C

Storage area : Store in a cool area. Keep out of direct sunlight. Store in a dry area. Store in a dark area. Keep locked up. Provide for a tub to collect spills. Keep only in the original container. Meets the legal requirements.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Ace-M-All Liquid Detergent         |                |
|------------------------------------|----------------|
| ACGIH                              | Not applicable |
| OSHA                               | Not applicable |
| Surfactant Blend 427 (Proprietary) |                |
| ACGIH                              | Not applicable |
| OSHA                               | Not applicable |

### 8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.

Materials for protective clothing : neoprene/butyl rubber. polyethylene.

Hand protection : Wear eye protection, face protection, protective clothing, protective gloves protective gloves.

Eye protection : Chemical goggles or safety glasses.

Skin and body protection : Protective clothing.

Respiratory protection : Wear appropriate mask.

Thermal hazard protection : None necessary.

Environmental exposure controls : The substance is not classified for human health hazards or for environment effects and it is not PBT or vPvB so that no exposure assessment or risk characterisation is required. For tasks where the intervention of workers is required, the substance must be handled in accordance with good industrial hygiene and safety procedures.

Other information : Do not eat, drink or smoke during use.

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|  |                                     |
|--|-------------------------------------|
| Physical state                             | : Liquid                            |
| Appearance                                 | : Colorless, viscous liquid.        |
| Colour                                     | : Colourless to amber               |
| Odour                                      | : Sweet odour;pleasant fruity       |
| Odour threshold                            | : No data available                 |
| pH   | : 7 - 9                             |
| pH solution                                | : 7 - 9                             |
| Relative evaporation rate (butylacetate=1) | : No data available                 |
| Melting point                              | : No data available                 |
| Freezing point                             | : 0 °C                              |
| Boiling point                              | : 100 °C                            |
| Flash point                                | : No data available                 |
| Auto-ignition temperature                  | : No data available                 |
| Decomposition temperature                  | : No data available                 |
| Flammability (solid, gas)                  | : No data available                 |
| Vapour pressure                            | : No data available                 |
| Relative vapour density at 20 °C           | : No data available                 |
| Relative density                           | : No data available                 |
| Density                                    | : 1.04 g/ml                         |
| Solubility                                 | : Soluble in water.<br>Water: 100 % |
| Log Pow                                    | : No data available                 |
| Log Kow                                    | : No data available                 |
| Viscosity, kinematic                       | : No data available                 |
| Viscosity, dynamic                         | : No data available                 |
| Explosive properties                       | : None.                             |
| Oxidising properties                       | : None.                             |
| Explosive limits                           | : No data available                 |

#### 9.2. Other information

VOC content : < 0.5 %

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

Not established.

#### 10.3. Possibility of hazardous reactions

Not established.

#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

#### 10.5. Incompatible materials

Strong acids. Strong bases.

#### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

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| Surfactant Blend 427 (Proprietary) |                           |
|------------------------------------|---------------------------|
| LD50 oral rat                      | < 5000 mg/kg              |
| LD50 dermal rabbit                 | > 3000 mg/kg              |
| ATE US (oral)                      | 1251.429 mg/kg bodyweight |

|   |   |
|---|---|
| Skin corrosion/irritation                           | : Not classified<br>pH: 7 - 9                                       |
| Serious eye damage/irritation                       | : Not classified<br>pH: 7 - 9                                       |
| Respiratory or skin sensitisation                   | : Not classified  |
| Germ cell mutagenicity                              | : Not classified  |
| Carcinogenicity                                     | : Not classified  |
| Reproductive toxicity                               | : Not classified  |
| Specific target organ toxicity (single exposure)    | : Not classified  |
| Specific target organ toxicity (repeated exposure)  | : Not classified  |
| Aspiration hazard                                   | : Not classified  |
| Potential adverse human health effects and symptoms | : Based on available data, the classification criteria are not met. |
| Symptoms/injuries after inhalation                  | : Not irritating.   |
| Symptoms/injuries after skin contact                | : May cause moderate irritation.                                    |
| Symptoms/injuries after eye contact                 | : Causes eye irritation.  |
| Symptoms/injuries after ingestion                   | : Irritation of the gastric/intestinal mucosa.                      |
| Symptoms/injuries upon intravenous administration   | : No effects known.   |
| Chronic symptoms                                    | : Unlikely to cause harmful effects.                                |

## SECTION 12: Ecological information

### 12.1. Toxicity

| Surfactant Blend 427 (Proprietary) |   |
|------------------------------------|---|
| LC50 fishes 1                      | < 9 mg/l Pimephales promelas (fathead minnow) static, 96 hour |
| EC50 Daphnia 1                     | < 25 mg/l   |
| EC50 other aquatic organisms 1     | 10 mg/l (336 h; Lemna sp.; Biomass)                           |
| LC50 fish 2                        | 8.9 mg/l (96 h; Pimephales promelas)                          |
| Threshold limit algae 1            | 500 mg/l (504 h; Selastrum capricornutum; Cell numbers)       |

### 12.2. Persistence and degradability

| Ace-M-All Liquid Detergent    |                  |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |

| Surfactant Blend 427 (Proprietary) |   |
|------------------------------------|---|
| Persistence and degradability      | Biodegradability in water: no data available. |
| Biochemical oxygen demand (BOD)    | >60% after 28 days OECD301F test              |
| Chemical oxygen demand (COD)       | 1.7 - 2.2 g O <sub>2</sub> /g substance       |
| ThOD                               | < 2.5 (2 - 2.6) g O <sub>2</sub> /g substance |
| BOD (% of ThOD)                    | > 50 % ThOD                                   |

### 12.3. Bioaccumulative potential

| Ace-M-All Liquid Detergent |                  |
|----------------------------|------------------|
| Bioaccumulative potential  | Not established. |

| Surfactant Blend 427 (Proprietary) |                                    |
|------------------------------------|------------------------------------|
| BCF fish 1                         | < 15 mg/l                          |
| Log Pow                            | < 2.7                              |
| Bioaccumulative potential          | No bioaccumulation data available. |

### 12.4. Mobility in soil

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### Surfactant Blend 427 (Proprietary)

|                  |                        |
|------------------|------------------------|
| Mobility in soil | No relevant data found |
|------------------|------------------------|

#### 12.5. Other adverse effects

Effect on ozone layer :  
Effect on the global warming : No known ecological damage caused by this product.  
Other information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : Remove waste in accordance with local, state and/or national regulations. Remove for physico-chemical/biological treatment. Do not discharge into surface water. Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to proper treatment facilities in accordance with all applicable local, state & federal regulations.  
Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

In accordance with DOT  
Not regulated for transport

#### Additional information

Other information : No supplementary information available.

#### ADR

No additional information available

#### Transport by sea

No additional information available

#### Air transport

No additional information available

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

No additional information available

#### 15.2. International regulations

##### CANADA

No additional information available

##### EU-Regulations

No additional information available

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

##### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Xn; R22

Xi; R41

Full text of R-phrases: see section 16

##### 15.2.2. National regulations

#### 15.3. US State regulations

### SECTION 16: Other information

Other information : None.

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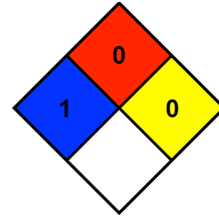
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Full text of H-phrases:

|                     |                                   |
|---------------------|-----------------------------------|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| H302                | Harmful if swallowed              |

- NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.
- NFPA fire hazard : 0 - Materials that will not burn.
- NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating

- Health : 1 Slight Hazard - Irritation or minor reversible injury possible
- Flammability : 0 Minimal Hazard
- Physical : 0 Minimal Hazard
- Personal Protection : C

SDS US (GHS HazCom 2012)

*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*