



# Enzyme Drain Cleaner (AFCO 4416)

## Safety Data Sheet

Revision Date: 10/15/2026

Version: 2.0

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

#### Product Identifier

**Product Form:** Mixture

**Product Name:** Enzyme Drain Cleaner

**Product Code:** AFCO 4416

#### Intended Use of the Product

**Use of the Substance/Mixture:** Enzyme/bacteria-based drain cleaner. For professional use only.

#### Name, Address, and Telephone of the Responsible Party

##### **Company**

AFCO

800 Development Avenue

Chambersburg, PA 17201

T: 800-345-1329

[www.afcocare.com](http://www.afcocare.com)

#### Emergency Telephone Number

**Emergency Number** : 1-800-424-9300 (CHEMTREC)

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

Not classified.

#### Label Elements

**Hazard Pictograms** : None.

**Signal Word** : No signal word.

**Hazard Statements** : No known significant effects or critical hazards.

**Precautionary Statements** : Not applicable.

#### Other Hazards

**Other Hazards Not Contributing to the Classification:** None known.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### Mixture

There are no ingredients which, within current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

### SECTION 4: FIRST AID MEASURES

#### Description of First Aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if irritation occurs.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water for several minutes. Wash contaminated clothing before reuse. Get medical attention if symptoms occur.

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms occur.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Get medical attention if symptoms occur.

#### Most Important Symptoms and Effects Both Acute and Delayed

**General:** No known significant effects or critical hazards.

**Inhalation:** No known significant effects or critical hazards.

**Skin Contact:** No known significant effects or critical hazards.

**Eye Contact:** No known significant effects or critical hazards.

**Ingestion:** No known significant effects or critical hazards.

**Chronic Symptoms:** No known significant effects or critical hazards.

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### **Indication of Any Immediate Medical Attention and Special Treatment Needed**

If exposed or concerned, get medical advice and attention.

### **SECTION 5: FIREFIGHTING MEASURES**

#### **Extinguishing Media**

**Suitable Extinguishing Media:** Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable Extinguishing Media:** None known.

#### **Special Hazards Arising From the Substance or Mixture**

**Fire Hazard:** Not flammable.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** No specific data.

#### **Advice for Firefighters**

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** None known.

**Other information:** Do not allow run-off from fire fighting to enter drains or water courses.

#### **Reference to Other Sections**

Refer to section 9 for flammability properties.

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

#### **Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Avoid all contact with skin, eyes, or clothing.

##### **For Non-Emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

##### **For Emergency Personnel**

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** None.

#### **Environmental Precautions**

Prevent entry to sewers and public waters.

#### **Methods and Material for Containment and Cleaning Up**

**For Containment:** Absorb and/or contain spill with inert material, then place in suitable container.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material, then place in suitable container.

#### **Reference to Other Sections**

See heading 8, Exposure Controls and Personal Protection.

### **SECTION 7: HANDLING AND STORAGE**

#### **Precautions for Safe Handling**

**Additional Hazards When Processed:** None.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling. Wash contaminated clothing before reuse.

#### **Conditions for Safe Storage, Including Any Incompatibilities**

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from extremely low and high temperatures, incompatible materials.

**Incompatible Materials:** Strong oxidizers.

**Specific End Use(s):** Enzyme/bacteria-based drain cleaner. For professional use only.

### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **Control Parameters**

No Occupational Exposure Limits (OELs) have been established for this product or any of its chemical components.

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### Exposure Controls

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Protective goggles. Gloves.



**Materials for Protective Clothing:** None usually needed.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical goggles.

**Skin and Body Protection:** None usually needed.

**Respiratory Protection:** None usually needed.

**Other Information:** When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

|                                            |                                 |
|--------------------------------------------|---------------------------------|
| Physical State                             | : Liquid                        |
| Particle Characteristics                   | : No data available.            |
| Appearance                                 | : Clear to slightly hazy, green |
| Odor                                       | : Mild                          |
| Odor Threshold                             | : Not available                 |
| pH                                         | : 9.0                           |
| Relative Evaporation Rate (butylacetate=1) | : Not available                 |
| Melting Point                              | : Not available                 |
| Freezing Point                             | : Not available                 |
| Boiling Point                              | : 103°C (217°F)                 |
| Flash Point                                | : None                          |
| Auto-ignition Temperature                  | : None                          |
| Decomposition Temperature                  | : Not available                 |
| Flammability (solid, gas)                  | : Not flammable                 |
| Lower Flammable Limit                      | : Not available                 |
| Upper Flammable Limit                      | : Not available                 |
| Vapor Pressure                             | : Not available                 |
| Relative Vapor Density at 20°C             | : Not available                 |
| Specific Gravity                           | : 1.01                          |
| Solubility                                 | : Complete.                     |
| Log Pow                                    | : Not available                 |
| Log Kow                                    | : Not available                 |
| Viscosity, Kinematic                       | : Not available                 |
| Viscosity, Dynamic                         | : Not available                 |
| Explosive Properties                       | : Not available                 |
| Oxidizing Properties                       | : Not available                 |

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### SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** No specific data.

**Chemical Stability:** Stable at standard temperature and pressure.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Extremely low and high temperatures. Incompatible materials.

**Incompatible Materials:** Strong oxidizers.

**Hazardous Decomposition Products:** Carbon oxides (CO, CO<sub>2</sub>).

### SECTION 11: TOXICOLOGICAL INFORMATION

#### Information on Toxicological Effects - Product

**Acute Toxicity:** Not classified.

**LD50 and LC50 Data:** Not available.

**Skin Corrosion/Irritation:** No data available. (pH: 9.0)

**Serious Eye Damage/Irritation:** No data available. (pH: 9.0)

**Respiratory or Skin Sensitization:** Not classified.

**Germ Cell Mutagenicity:** Not classified.

**Teratogenicity:** Not available.

**Carcinogenicity:** Not classified.

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified.

**Reproductive Toxicity:** Not classified.

**Specific Target Organ Toxicity (Single Exposure):** Not classified.

**Aspiration Hazard:** Not classified.

**Symptoms/Injuries After Inhalation:** No known significant effects or hazards.

**Symptoms/Injuries After Skin Contact:** No known significant effects or hazards.

**Symptoms/Injuries After Eye Contact:** No known significant effects or hazards.

**Symptoms/Injuries After Ingestion:** No known significant effects or hazards.

#### Information on Toxicological Effects - Ingredient(s)

**LD50 and LC50 Data:**

| Water (7732-18-5) |               |
|-------------------|---------------|
| LD50 Oral Rat     | >90,000 mg/kg |

### SECTION 12: ECOLOGICAL INFORMATION

#### Toxicity

**Ecology - General:** Not available.

#### Persistence and Degradability

| Enzyme Drain Cleaner (AFCO 4416) |                  |
|----------------------------------|------------------|
| Persistence and Degradability    | Not established. |

#### Bioaccumulative Potential

| Enzyme Drain Cleaner (AFCO 4416) |                  |
|----------------------------------|------------------|
| Bioaccumulative Potential        | Not established. |

**Mobility in Soil:** Not available.

#### Other Adverse Effects

**Other Information:** Not available.

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

### SECTION 14: TRANSPORT INFORMATION

|                              |   |                              |
|------------------------------|---|------------------------------|
| 14.1 In Accordance with DOT  | : | Not regulated for transport. |
| 14.2 In Accordance with IMDG | : | Not regulated for transport. |
| 14.3 In Accordance with IATA | : | Not regulated for transport. |
| 14.4 In Accordance with TDG  | : | Not regulated for transport. |

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### SECTION 15: REGULATORY INFORMATION

#### US Federal Regulations

Enzyme Drain Cleaner (AFCO 4416)

SARA Section 311/312 Hazard Classes

Not applicable.

All components are listed or exempt under United States Inventory (TSCA 8b).

US State Regulations: None.

Canadian Regulations: None.

### SECTION 16: OTHER INFORMATION

Revision date : 10/15/2026

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

#### **Preparation by:**

AFCO  
800 Development Avenue  
Chambersburg, PA 17201  
T: 800-345-1329

*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.*

North America SDS GHS Rev. 7 (U.S., Can., Mex.)