



# Sanifect Foam-E II (AFCO 5508)

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

Revision Date: 01/30/2026

Version: 2.1

## SECTION 1: IDENTIFICATION

### Product Identifier

Product Form: Mixture

Product Name: Sanifect Foam-E II

Product Code: AFCO 5508

### Intended Use of the Product

Use of the Substance/Mixture: Designed for hand washing and hand sanitizing. 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

Classification (GHS-US)

Eye Irrit. 2A H319

Full text of H-phrases: see section 16.

### Label Elements

#### GHS-US Labeling

Hazard Pictograms (GHS-US) :



GHS07

Signal Word (GHS-US) :

Warning

Hazard Statements (GHS-US) :

H319 - Causes serious eye irritation

Precautionary Statements (GHS-US) :

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

P273 - Avoid release to the environment.

P280 - Wear protective gloves, protective clothing, and eye protection.

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

### Other Hazards

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

Unknown Acute Toxicity (GHS-US): Not available.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances: Not available, product is a mixture.

### Mixture:

Name	Product Identifier	Concentration % (w/w)
Ammonium lauryl sulfate	(CAS No) 2235-54-3	>= 3 - < 5
Ethyl alcohol	(CAS No) 64-17-5	>= 1 - < 3
Sodium N-lauroylsarcosinate	(CAS No) 137-16-6	>= 1 - < 3

Exact percentage composition of substances and/or ingredients may be withheld as a trade secret, in accordance with [29 CFR § 1910.1200 App E].

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Full text of H-phrases: see section 16.

### 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:** Consult a physician after significant exposure. If unconscious, place in recovery position and seek medical advice.

**Skin Contact:** This product is formulated for use on skin. Discontinue use if irritation and redness develop. If on skin, rinse well with water. If on clothes, remove clothes.

**Eye Contact:** Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

**Ingestion:** Clean mouth with water and drink afterwards plenty of water. Keep respiratory tract clear. Do not give milk or alcoholic beverages. If symptoms persist, call a physician.

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

**General:** Effects are immediate and delayed.

**Inhalation:** Effects are dependent on exposure (dose, concentration, contact time).

**Skin Contact:** May cause an allergic reaction in sensitive individuals.

**Eye Contact:** Causes serious eye irritation.

**Ingestion:** Ingestion may cause adverse effects.

**Chronic Symptoms:** Not available.

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

Notes to physician: Treat symptomatically. Symptoms may be delayed.

### SECTION 5: FIRE-FIGHTING MEASURES

#### Extinguishing Media

**Suitable Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of a heavy stream of water may spread fire.

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

**Fire Hazard:** Not flammable.

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

**Reactivity:** Hazardous reactions will not occur under normal conditions.

#### 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:** Carbon oxides (CO, CO<sub>2</sub>). Sulfur oxides. Nitrogen oxides. Smoke.

**Further Information:** Do not allow run-off from firefighting to enter drains or water courses. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

#### 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 contact with eyes, skin, or clothing. Do not breathe vapors/dust. Avoid formation of aerosol.

#### 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:** Ensure adequate ventilation.

#### Environmental Precautions

Prevent entry to sewers and public waters. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains, inform respective authorities.

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

**Containment and Cleaning Up:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep spilled material in suitable, closed container for disposal. Contact competent authorities after a spill.

### **Reference to Other Sections**

See Heading 8. Exposure controls and personal protection.

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

### **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. Avoid prolonged contact with eyes, skin and clothing. Do not get in eyes, on skin, or on clothing. Smoking, eating and drinking should be prohibited in the application area.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations.

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

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

**Storage Conditions:** Keep container closed when not in use. Store in a dry, cool and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep/Store away from extremely high or low temperatures and incompatible materials.

**Incompatible Materials:** Strong bases. Oxidizing agents.

### **Specific End Use(s):**

Designed for hand washing and hand sanitizing. For professional use only.

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

### **Control Parameters**

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

<b>Ethyl alcohol (64-17-5)</b>		
Mexico	OEL TWA (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
Mexico	OEL TWA (ppm)	1000 ppm
USA ACGIH	ACGIH STEL (ppm)	1000 ppm
USA ACGIH	ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (ppm)	1000 ppm
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL (TWA) (ppm)	1000 ppm
USA IDLH	US IDLH (ppm)	3300 ppm (10% LEL)
Ontario	OEL STEL (ppm)	1000 ppm
Québec	VEMP (mg/m <sup>3</sup> )	1880 mg/m <sup>3</sup>
Québec	VEMP (ppm)	1000 ppm

### **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. Effective ventilation in all processing areas.

**Personal Protective Equipment:** Splash-proof safety glasses are required to prevent eye contact where splashing may occur.



**Materials for Protective Clothing:** Impervious clothing.

**Hand Protection:** This product is formulated for use on skin. No special protection is required.

**Eye Protection:** Tightly fitting safety goggles if splashing occurs.

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**Skin and Body Protection:** Choose body protection according to the amount and concentration of the dangerous substance at the workplace.

**Respiratory Protection:** In the case of vapour formation use a respirator with an approved filter.

**Other Information:** When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Colorless
Odor	: Slight
Odor Threshold	: Not available
pH	: 5.6 – 6.3
Evaporation Rate	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: Not available
Flash Point	: Does not flash
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
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 in water.
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity, kinematic	: 8 mm <sup>2</sup> /s
Explosion Data – Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact.
Explosion Data – Sensitivity to Static Discharge	: Not expected to present an explosion hazard due to static discharge.

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Stable.

**Chemical Stability:** Stable under normal conditions.

**Possibility of Hazardous Reactions:** No decomposition if stored and applied as directed.

**Conditions to Avoid:** Extremely high or low temperatures, and incompatible materials.

**Incompatible Materials:** Bases, strong oxidizers.

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

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects - Product

**Acute Toxicity:** 30.87 mg/l/4h (estimate).

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

**Skin Corrosion/Irritation:** May cause skin irritation and/or dermatitis.

**Serious Eye Damage/Irritation:** Causes eye irritation.

**Respiratory or Skin Sensitization:** No data available.

**Germ Cell Mutagenicity:** Not classified.

**Teratogenicity:** Not available.

**Carcinogenicity:**

IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH Confirmed animal carcinogen with unknown relevance to humans: Ethyl alcohol (64-17-5).

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OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.  
NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**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:** Prolonged exposure may cause irritation. Effects are immediate and delayed.

**Symptoms/Injuries After Skin Contact:** May cause an allergic reaction in sensitive individuals.

**Symptoms/Injuries After Eye Contact:** Causes serious eye irritation.

**Symptoms/Injuries After Ingestion:** Ingestion may cause adverse effects.

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

#### LD50 and LC50 Data:

Ammonium lauryl sulfate (2235-54-3)	
LD50 Oral Rat	> 5,000 mg/kg
Ethyl alcohol (64-17-5)	
LD50 Oral Rat	7,060 mg/kg
LC50 Inhalation Rat	124.7 mg/l/4h
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.

## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity

**Ecotoxicity:** No data available.

Ethyl alcohol (64-17-5)	
LC50 Fish 1	12.0 - 16.0 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 1	9268 - 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	> 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

### Persistence and Degradability

Sanifect Foam-E II (AFCO 5508)	
Persistence and Degradability	Not established.

### Bioaccumulative Potential

Sanifect Foam-E II (AFCO 5508)	
Partition coefficient: n- octanol/water	No data available.
Ethyl alcohol (64-17-5)	
Partition coefficient: n- octanol/water	No data available.

**Mobility in Soil** Not available.

**Other Adverse Effects** No data available.

**Other Information:** 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances. This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App. A + B).

**Additional Ecological Information:** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lasting effects.

## SECTION 13: DISPOSAL CONSIDERATIONS

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

**Additional Information:** Container may remain hazardous when empty. Continue to observe all precautions.

**Ecology – Waste Materials:** Harmful to aquatic life.

## SECTION 14: TRANSPORT INFORMATION

**14.1 In Accordance with DOT** : Not regulated for transport.

**14.2 In Accordance with IMDG** : Not regulated for transport.

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**14.3 In Accordance with IATA** : Not regulated for transport.

**14.4 In Accordance with TDG** : Not regulated for transport.

### SECTION 15: REGULATORY INFORMATION

#### US Federal Regulations

Sanifect Foam-E II (AFCO 5508)	
SARA Section 311/312 Hazard Classes	Serious eye damage or eye irritation.
SARA 302	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Formaldehyde	50-00-0	100	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

#### CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sodium hydroxide	1310-73-2	1000	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

#### TSCA List

No substances are subject to a Significant New Use Rule.  
No substances are subject to TSCA 12(b) export notification requirements.

#### Ammonium lauryl sulfate (2235-54-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory.

#### Sodium N-lauroylsarcosinate (137-16-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory.

#### Ethyl alcohol (64-17-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory.

#### US State Regulations

##### Ammonium lauryl sulfate (2235-54-3)

U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term

##### Sodium N-lauroylsarcosinate (137-16-6)

U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term

##### Ethyl alcohol (64-17-5)

U.S. - New York - Occupational Exposure Limits - TWAs  
RTK - U.S. - Pennsylvania - RTK (Right to Know) List  
U.S. - Texas - City of Austin - Aerosol Paint and Glue Restrictions  
U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term

#### Canadian Regulations

##### Ammonium lauryl sulfate (2235-54-3)

Listed on the Canadian DSL (Domestic Substances List)

##### Sodium N-lauroylsarcosinate (137-16-6)

Listed on the Canadian DSL (Domestic Substances List)

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### Ethyl alcohol (64-17-5)

Listed on the Canadian DSL (Domestic Substances List)

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all of the information required by these regulations.

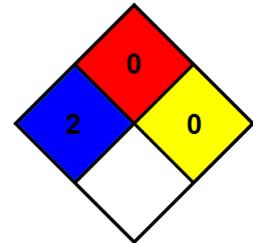
## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision Date** : 01/30/2026  
**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### GHS Full Text Phrases:

Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 2	Flammable liquids Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization Category 1
H225	Highly flammable liquid and vapor
H302	Harmful if swallowed
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H412	Harmful to aquatic life with long lasting effects

**NFPA Health Hazard** : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention 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** : 2 - Moderate Hazard - Temporary or minor injury may occur.  
**Flammability** : 0 - Minimal Hazard.  
**Physical** : 0 - Minimal Hazard.

### Party Responsible for the Preparation of This Document

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 GHS SDS 2015 (U.S., Can., Mex.)