

SAFETY DATA SHEET

1. Identification

Product Name: AF-40S
Recommended Use of Chemical: Foam control in industrial processes
Name and Address of the Supplier: Anderson Chemical Company
325 South Davis Avenue
Litchfield, MN 55355
Supplier's Telephone Number: 320-693-2477
24 Hr. Emergency Telephone Number: (800) 424-9300 (CHEMTREC)

2. Hazard(s) Identification

GHS Classification (29 CFR 1910.1200):
Not a hazardous substance or mixture

HMIS:

Health	0
Flammability	1
Reactivity	0
Personal Protection	

GHS Label Element : Not a hazardous substance or mixture
Other Hazards : None known

3. Composition/Information on Ingredients

Substance or Mixture : Mixture
Chemical Description : Silicone Antifoam Emulsion
Hazardous Components : Contains no reportable hazardous components

4. First Aid Measures

Eyes : Thoroughly flush eyes for 5-10 minutes with fresh water. Get medical attention if symptoms occur.
Ingestion : Immediately rinse mouth and drink plenty of water. Do not induce vomiting. Get medical attention if symptoms occur.
Inhalation : Move person to fresh air. Get medical attention if irritation occurs.
Skin : Wash with water and soap. Get medical attention if symptoms occur.
Most Important Symptoms and Effects (Acute and Delayed) : None known
Comments : The user has the responsibility and liability to ensure safe and prudent procedures are used in handling and utilizing this product under proper safeguards.

Notes to Physician	:	All treatments should be based on observed signs and symptoms of distress in the patient. Treat symptomatically.
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5. Firefighting Measures

Extinguishing Media	:	Water spray, alcohol-resistant foam, dry chemical, carbon dioxide (CO ₂)
Unsuitable Extinguishing Media	:	None known
Hazardous Combustion Products	:	Carbon oxides, silicon oxides, formaldehyde
Firefighting Procedures	:	Evacuate area. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so.
Firefighting Equipment	:	Wear self-contained breathing apparatus for firefighting if necessary. Use recommended personal protective equipment.

6. Accidental Release Measures

Spill and Leak Response	:	Only trained personnel should respond to uncontrolled releases using pre-planned procedures. Proper protective equipment should be used. For spills, clear the area, protect people, and respond with trained personnel.
Personal Protective Equipment	:	See section 8.
Environmental Precautions	:	Do not discharge into the environment. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g., by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.
Containment and Cleanup	:	Absorb spilled liquid with inert absorbent material. Caution, floor may be slippery. Use care to avoid falling. Clean up with non-combustible absorbent. Shovel up and place all spill residue into suitable containers. Discard at appropriate waste facility according to current applicable laws and regulations and product characteristics at time of disposal.

7. Handling and Storage

Handling	:	Keep container closed when not in use. Handle in accordance with good industrial hygiene and safety practice.
Storage	:	Store in tightly closed containers. Store in a dry, well-ventilated area, away from incompatible materials, see Section 10. Protect container from damage and extremes of heat.

8. Exposure Controls/Personal Protection

Ingredients With workplace Control Parameters	:	Contains no substances with occupational exposure limit values.
Engineering Controls	:	Ensure adequate ventilation, especially in confined areas. Ensure easy access to an eyewash station and a safety shower.

Respiratory Protection	: For most conditions, no respiratory protection should be needed.
Eye Protection	: Wear safety glasses.
Skin Protection	: Wear nitrile gloves and body-covering clothing.
Precautionary Measures	: Facility should be equipped with eyewash and safety showers close to point of product usage. Use reasonable care. These precautions are for room temperature handling. Use at elevated temperatures or in aerosol/spray applications may require added precautions.

9. Physical and Chemical Properties

Appearance	: Liquid	Odor Threshold	: ND
Color	: White	Evaporation Rate	: ND
Odor	: Mild	Upper/Lower Flammability Limits	: ND
pH	: ~4	Vapor Pressure	: ND
Freeze/Melt Point (°C)	: ~0	Vapor Density	: ND
Boiling Point/ Range (°C)	: ~100	n-Octanol/Water Partition Coefficient	: ND
Specific Gravity @ 20 °C	: ~ 1	Autoignition Temperature	: ND
Flash Point (°C)	: > 100	Decomposition Temperature	: ND
Color (Gardner)	: ND	Flammability (solid, gas)	: NA
Solubility in Water	: Dispersible	Explosive Properties	: NA
Viscosity (cps)	: ~ 3,000	Oxidizing Properties	: NA
Molecular Weight	: ND		:

ND = not determined, NA = not applicable

Note : The above information is not intended for use in preparing product specifications. Contact manufacturer before writing specifications.

10. Stability and Reactivity

Reactivity	: Not classified as a reactivity hazard.
Chemical Stability	: Stable under normal conditions.
Conditions to Avoid	: None known.
Incompatible Materials	: Can react with strong oxidizing agents.
Decomposition Products	: When heated to above 150 °C (300 °F) in the presence of air, product can form formaldehyde.

11. Toxicological Information

Information on Likely Routes of Exposure: Inhalation, Skin Contact, Ingestion, Eye Contact

Acute toxicity	: Not classified based on available information.
Skin corrosion/irritation	: Not classified based on available information.
Serious eye damage / eye irritation	: Not classified based on available information.
Skin sensitization	: Not classified based on available information.
Respiratory sensitization	: Not classified based on available information.

Germ cell mutagenicity	: Not classified based on available information.
Carcinogenicity	: Not identified as carcinogenic by IARC, OSHA or NTP.
Reproductive toxicity	: Not classified based on available information.
STOT-single exposure	: Not classified based on available information.
STOT-repeated exposure	: Not classified based on available information.
Aspiration toxicity	: Not classified based on available information.

12. Ecological Information

Ecotoxicity	: Not classified based available information.
Persistence and Degradability	: No data available.
Bioaccumulation Potential	: No data available.
Mobility in Soil	: No data available.
Other Adverse Effects	: No data available.

13. Disposal Considerations

R.C.R.A. Hazard Class (40 CFR 261) [If discarded]	: Not classified as a hazardous waste.
Waste From Residues	: Dispose of in accordance with local regulations.
Contaminated Packaging	: Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transportation Information

Land Transport (USDOT)	: Not regulated
Sea Transport (IMDG)	: Not regulated
Air Transport (IATA/ICAO)	: Not regulated

15. Regulatory Information

T.S.C.A. Status	: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.
D.S.L. (Canada)	: All chemical substances found in this product are listed.
CERCLA Reportable Quantity	: This material does not contain any components with a CERCLA RQ.
SARA 304 Extremely Hazardous Substances Reportable Quantity	: This material does not contain any components with a section 304 EHS RQ.
SARA 311/312 Hazards	: No SARA Hazards.
SARA 302	: None
SARA 313	: None

16. Other Information

Legend:

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980

CFR: Code of Federal Regulations

DOT: Department of Transportation

DSL: Domestic Substances List, The Canadian Chemical Inventory

IMDG: International Maritime Dangerous Goods

NTP: National Toxicology Program

OSHA: Occupational Safety and Health Administration

SARA: Superfund Amendments and Reauthorization Act

STOT: Specific Target Organ Toxicity

Disclaimer:

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate, but all statements or suggestions are made without warranty, expressed, or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local regulations remains the responsibility of the user.