

Material Safety Data Sheet

Hazard Rating:	NFPA	CODE TRANSLATION
Health:	1	0 = Minimal Hazard
Flammability:	0	1 = Slight Hazard
Reactivity:	0	2 = Moderate Hazard
Special:		3 = Severe Hazard
		4 = Extreme Hazard

AF-30 ANTIFOAM

SECTION I: IDENTIFICATION

Effective Date: 9/30/86

Revised: JULY 31, 2003

Name and Address:

Phone:

Emergency Phone SENTRY: (973) 616-9000

CHEMTREC: (800) 424-9300

Chemical Name: NOT APPLICABLE (N.A.)

Formula: SEE SECTION II

Synonyms: N.A.

Chemical Family: ORGANOSILICON ANTIFOAM

D.O.T. Hazard Class: NONE

ID No.: NONE

D.O.T. Shipping Name: NONE

SECTION II: INGREDIENTS

A. Hazardous Ingredients	CAS NO.	%	TLV
NONE KNOWN			
B. Other Ingredients		%*	TLV
A PROPRIETARY POLYDIMETHYLSILOXANE EMULSION MIXTURE CONTAINING SURFACTANTS AND EMULSIFIERS GENERALLY CONSIDERED TO HAVE LOW HAZARD POTENTIAL.		M	NONE ESTAB.
WATER		H	NONE ESTAB.

*Legend: L=<2%; M=2-20%; H=>20%

SECTION III: PHYSICAL PROPERTIES

Boiling Point: >212°F

Specific Gravity: 1.000-1.008

Percent Volatile (volume): >80

pH (undiluted): NEUTRAL

Vapor Pressure (mm Hg): N.A.

Solubility in Water: DISPERSIBLE

Vapor Density (air=1): <1

Evaporation Rate (water=1): 1.0

Appearance and Odor: A WHITE EMULSION WITH A MILD CHARACTERISTIC ODOR

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used): NONE - AQUEOUS SYSTEM

Flammable Limits in Air (lower): N.A.

(upper): N.A.

Extinguishing Media: WATER OR ANY MEDIA SUITABLE FOR THE SURROUNDING FIRE. AFTER WATER EVAPORATES, REMAINING MATERIAL WILL BURN. USE CARBON DIOXIDE OR DRY CHEMICAL MEDIA FOR SMALL FIRES.

Special Fire Fighting Procedures: FIREFIGHTERS SHOULD WEAR ALL NORMAL PROTECTIVE EQUIPMENT. SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED IN CONFINED AREAS.

Unusual Fire or Explosion Hazards: NONE KNOWN. EXPOSURE TO EXTREME HEAT BUILDS UP PRESSURE IN

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CLOSED CONTAINERS. COOL WITH WATER STREAM.

SECTION V: HEALTH HAZARD DATA

- A. TLV and Source: NONE DETERMINED FOR PRODUCT OR INGREDIENTS.
- B. Effects of a Single Overexposure by:
1. Ingestion: DO NOT TAKE INTERNALLY. NO EVIDENCE OF ADVERSE EFFECTS FROM AVAILABLE INFORMATION.
 2. Inhalation: NOT A LIKELY ROUTE OF EXPOSURE.
 3. Skin Contact: PROLONGED CONTACT MAY CAUSE MILD IRRITATION.
 4. Eye Contact: AVOID CONTACT. MAY CAUSE IRRITATION.
- C. Effects of Repeated Overexposures: OTHER THAN SHORT TERM EFFECTS, NONE KNOWN.
- D. Emergency and First Aid Procedures for:
1. Ingestion: NO EMERGENCY CARE ANTICIPATED. IF PERSON IS CONSCIOUS, DRINK SEVERAL GLASSES OF WATER AND INDUCE VOMITING BY STICKING A FINGER DOWN THE THROAT. REPEAT UNTIL VOMIT IS CLEAR. GET IMMEDIATE MEDICAL ATTENTION.
 2. Inhalation: N.A.
 3. Skin Contact: WASH WITH SOAP AND WATER OR PLAIN WATER.
 4. Eye Contact: IMMEDIATELY FLUSH WITH CLEAR WATER FOR 15 MINUTES AND IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.
- E. Notes to Physician: TOXICOLOGY STUDIES HAVE SHOWN THIS MATERIAL TO BE OF VERY LOW ACUTE TOXICITY. THERE IS NO SPECIFIC ANTIDOTE. TREATMENT OF OVEREXPOSURE SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINICAL CONDITION OF THE PATIENT.

SECTION VI: PERSONNEL PROTECTION DATA

Respiratory Protection: NOT NORMALLY REQUIRED
Ventilation: NORMAL VENTILATION EXPECTED TO BE SATISFACTORY

Protective Gloves: OPTIONAL - PVC COATED
Eye Protection: GOGGLES OR FACE SHIELD

Other Protective Equipment: EYEWASH STATION IN AREA OF USE.

SECTION VII: REACTIVITY DATA

- A. Product Stability: STABLE
Conditions to Avoid: NONE KNOWN
- B. Incompatibility: CONCENTRATED ACIDS OR OXIDIZING AGENTS
- C. Hazardous Combustion or Decomposition Products: OXIDES OF CARBON AND SILICON MAY BE RELEASED IF WATER IS EVAPORATED BY THE HEAT OF A FIRE. ACUTE OVEREXPOSURE MAY RESULT IN IRRITATION OF THE RESPIRATORY TRACT.

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- D. Hazardous Polymerization: WILL NOT OCCUR
Conditions to Avoid: NONE KNOWN

SECTION VIII: ENVIRONMENTAL DATA

- A. Spill or Leak Procedures: SMALL SPILLS MAY BE FLUSHED WITH COPIOUS QUANTITIES OF WATER, PREFERABLY TO A SANITARY SEWER OR WASTE TREATMENT FACILITY. LARGER SPILLS MAY BE ABSORBED IN SAWDUST OR OTHER ABSORBENT AND SWEEPINGS DISPOSED OF IN AN APPROVED LANDFILL.
- B. Waste Disposal: SMALL QUANTITIES MAY BE DILUTED WITH WATER AND FLUSHED TO A SANITARY SEWER. LARGER QUANTITIES MAY BE BURIED IN AN APPROVED LANDFILL. HOWEVER, OBEY ALL FEDERAL, STATE OR LOCAL REGULATIONS.
- C. Other Environmental Data: THE AQUATIC TOXICITY FOR THIS PRODUCT IS CONSIDERED LOW. IT SHOULD NOT BE DISCHARGED DIRECTLY INTO NATURAL WATERWAYS. CALCULATED AQUATIC TOXICITY DATA INCLUDES:

FATHEAD MINNOWS (PIMEPHALES PROMELAS), 96 hr. LC ₅₀	>16,000 mg/l
ALGAE (SELENASTRUM CAPRICORNUTUM) 96 hr. LOEC	>600 mg/l
ALGAE (SELENASTRUM CAPRICORNUTUM) 96 hr. NOEC	>300 mg/l
DAPHNIDS (CERIODAPHNIA DUBIA), 7 day LOEC	>150 mg/l
DAPHNIDS (CERIODAPHNIA DUBIA), 7 day NOEC	>75 mg/l

SECTION IX: SPECIAL PRECAUTIONS

- A. Handling and Storage: STORE IN A COOL DRY PLACE. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE.
- B. Other Precautions: THIS PRODUCT HAS BEEN DESIGNED FOR USE IN AIR WASHERS AND SPECIFIC TYPES OF OPEN, RECIRCULATING COOLING WATER SYSTEMS, SELECTED PROCESS WATER SYSTEMS, AND WASTE WATER TREATMENT PLANTS. IT SHOULD BE USED ONLY IN ACCORDANCE WITH THE INSTRUCTIONS PROVIDED BY THE TECHNICAL REPRESENTATIVE SERVICING THE FACILITY. IT MAY NOT BE USED FOR THE TREATMENT OF POTABLE WATERS. THE PRODUCT INGREDIENTS COMPLY WITH FDA AND USDA REGULATIONS FOR FOOD CONTACT APPLICATIONS SUCH AS FRUIT AND VEGETABLE WASHING, EGG WASHING, HOG AND POULTRY SCALDING, AND TREATMENT OF WATER USED IN COOKING OR COOLING FILLED CANS.

The data contained in this Material Safety Data Sheet has been prepared based upon an evaluation of the ingredients contained in the product, their concentration in the product and potential interactions. The information is offered in good faith and is believed to be accurate. It is furnished to the customer who is urged to study it carefully to become aware of hazards, if any, in the storage, handling, use and disposal of the product; and to insure his employees are properly informed and advised of all safety precautions required. The information is furnished to comply with the "Occupational Safety and Health Act" (OSHA) hazard communication regulation [Rule 29 CFR 1910.1220 (g) (2)]. Use or dissemination of all or part of this information for any other purpose is not permitted.