

MATERIAL SAFETY DATA SHEET

WATER SPECIALISTS TECHNOLOGIES LLC 1515 KASTNER PLACE SANFORD, FLORIDA 32771 USA Phone: 407-321-7910 - Fax: 407-321-3098	EMERGENCY TELEPHONE NUMBER: CHEMTREC 800-424-9300 ISSUE DATE: 03/20/02 REVISION DATE:
--	---

SECTION I: GENERAL INFORMATION

PRODUCT NAME: AF-1
PRODUCT CLASS: Antifoam/Defoamer
FREIGHT CLASSIFICATION:
PRIMARY CHEMICAL FAMILY: Silicone Emulsion
HMIS RATINGS: Health=1, Flammability=0, Reactivity=0
HMIS HAZARD INDEX: 0=MINIMAL, 1=SLIGHT, 2=MODERATE, 3=SERIOUS, 4=SEVERE

SECTION II: HAZARDOUS INGREDIENTS

INGREDIENT (CAS #)	OSHA PEL (PPM)	ACGIH TLV (PPM)	OTHER
Proprietary blend of non-hazardous ingredients.			

SECTION III: PHYSICAL/CHEMICAL DATA

BOILING POINT: 212°F
SPECIFIC GRAVITY: 0.96 to 1.01 @ 80°F
EVAPORATION RATE: <1 (n Butyl Acetate=1)
VAPOR DENSITY: >1 (air=1)
VAPOR PRESSURE: 24 mm Hg @ 77°F
SOLUBILITY IN WATER: Dispersible
pH of NEAT SOLUTION: 7.5 to 8.0
APPEARANCE/ODOR: Opaque white to off-white liquid

SECTION IV: FIRE AND EXPLOSION DATA

FLASH POINT: Nonflammable
EXTINGUISHING MEDIA: Use extinguishing agent suitable for type of surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES: Material will not burn. Container can build up pressure if exposed to heat/fire. Use water spray to cool fire exposed surfaces and to protect personnel.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION V: HEALTH HAZARD DATA EFFECTS OF OVEREXPOSURE - EMERGENCY & FIRST AID PROCEDURES

EYES: May cause irritation and redness. Flush eyes gently with water for at least 15 minutes while holding eyelids apart. Seek medical attention if irritation persists.
SKIN: May cause irritation. Remove contaminated clothing and shoes and flush affected area with water for at least 15 minutes. Wash with soap and water. If irritation persists seek medical attention. Wash or discard contaminated clothing and shoes.
INGESTION: Immediately rinse mouth with water. Drink milk or water to dilute. If vomiting occurs, drink more liquids. Seek medical attention.
INHALATION: Mist or spray may cause irritation if inhaled. If respiratory distress occurs, get into fresh air and, if needed, administer oxygen and start CPR. Seek medical attention.
CHRONIC EFFECTS AND MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: None noted.
SPECIAL NOTE: The components in this product are not considered a carcinogen by OSHA, NTP or IARC.

SECTION VI: REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: NO

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: None

SECTION VII: SPILL, LEAK, AND DISPOSAL PROCEDURES

SMALL SPILLS: Spilled material is slippery. Contain with absorbent and dispose of in accordance with applicable regulations

LARGE SPILLS: Prevent additional discharge of material. Implement cleanup procedures and, if in public area, advise authorities.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

SECTION VIII: PROTECTIVE MEASURES

EYE PROTECTION: Wear chemical splash-proof goggles

PROTECTIVE GLOVES: Wear alkaline resistant gloves.

RESPIRATORY PROTECTION: None normally required. When required, use NIOSH/MSHA approved respirators.

VENTILATION: Always store and use all chemicals in well ventilated areas.

OTHER PROTECTIVE EQUIPMENT: Wear protective clothing and boots. Provide eye wash and safety shower stations.

SECTION IX: SPECIAL PRECAUTIONS

HANDLING AND STORAGE: Protect drum from damage, freezing and intense heat. Do not use empty containers.

OTHER PRECAUTIONS: Wear protective eye goggles, gloves, boots and clothing.

SECTION X: REGULATORY INFORMATION

FEDERAL EPA

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

Requires notification to the National Response Center of releases of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQ) in 40 CFR 302.4. Components present in this product at a level which would require reporting under the statute are:

Chemical

CAS Number

RQ

NONE

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III:

Requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQ) in 40 CFR 355 (SARA 302, 304, 311 and 312) Components present in this product at a level which could require reporting under the statute are: NONE

Toxic Substances Control Act (TSCA) Status:

All components of this product are on the TSCA inventory

EPA Priority Pollutants: NONE

RCRA Hazard Class: If discarded - non-hazardous.

OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.