

# MATERIAL SAFETY DATA SHEET

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**24 Hour Emergency Assistance CHEMTREC 1-800-424-9300**

PRODUCT NAME: Anti-Foam

PRODUCT CODE: AF1Q

## I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Anti-Foam  
PRODUCT CODE: AF1Q  
PRODUCT CLASS: 10% Silicone Antifoam Emulsion  
Date Prepared: 1/26/10  
Prepared by: Safety Department

### HMIS Codes

Fire	0
Health	0
Reactivity	0
Special	NA

## II - COMPOSITION/HAZARDOUS INGREDIENTS

OSHA Hazardous Components (29 CFR 1910.1200)

TSCA Status: All chemical substances in this material are included on or exempted from listings on the TSCA Inventory of Chemical Substances.

## III - HEALTH HAZARDS IDENTIFICATION

### POTENTIAL HEALTH EFFECTS

**Eyes:** Direct contact may cause temporary irritation. Avoid eye contact with product at all times.

**Skin:** Repeated or prolonged exposure may cause irritation. Effects of short-term exposure are expected to be minimal. Some individuals may experience irritation and discomfort to skin. Avoid prolonged and unnecessary skin contact with product.

**Inhalation:** Not expected to be an inhalation hazard. Avoid prolonged exposure to product vapors.

**Oral:** Effects of ingesting small quantities are expected to be minimal. Never taste or swallow product.

Medical Conditions Aggravated: ND

Routes of Entry: Inhalation, ingestion, eye contact

Target Organs: NA

## IV - FIRST AID

**Eyes:** Immediately flush eyes with a direct stream of water for at least 15 minutes while forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Get prompt medical attention if irritation develops.

**Skin:** Flush skin with water and wash with mild soap and water. Seek medical attention if irritation develops or rash occurs. Remove contaminated clothing and wash before reuse.

**Inhalation:** No first aid should be needed.

**Oral:** No first aid should be needed. Seek medical attention if large quantities are consumed. Do not induce vomiting except by physician's order. If spontaneous vomiting is inevitable, prevent aspiration by keeping victim's head below the knees.

**Note to Physician:** All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

**Comments:** Treat according to person's condition and specifics of exposure.

## V - FIRE-FIGHTING MEASURES

Flashpoint: >212°F / >100°C  
Method: ND  
Flammable Limits: ND  
Autoignition Temperature: ND  
Unusual Fire Hazards: None known  
OSHA Flammability Class: ND

**Fire Fighting Measures:** Use water spray to cool containers exposed to flames. Do not enter enclosed or confined workspaces without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available). If leak or spill has not ignited, use water spray to disperse the vapors.

**Extinguishing Media:** Dry chemical, carbon dioxide, or foam

## VI - ACCIDENTAL RELEASE MEASURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

**Containment/Clean Up:** Build dike to contain flow. Remove free liquid. Contain spill and keep from entering waterways or sewers. Use personal protective equipment. Absorb on inert material. Shovel, sweep, or vacuum spill and place in closed container for disposal according to local, state, and federal regulations.

## VII - HANDLING AND STORAGE

### MINIMUM STORAGE TEMPERATURES: 32° F

**Storage Conditions:** Store this product below 110°F (43°C) in a cool, dry, well-ventilated area away from direct sources of heat, moisture, or sunlight. Do not store near strong oxidizing materials. Preferentially store below 77°F (25°C). To prolong shelf life, this product may be refrigerated. Protect product from freezing.

### MAXIMUM STORAGE TEMPERATURES: 110° F

**General Precautions:** Keep container tightly closed when handling or storing. Do not dilute product with water and store in diluted form. Exercise good personal and industrial hygiene when handling food-grade antifoams and defoamers. Avoid unsanitary conditions, usage, and storage.

## VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

**PERSONAL HYGIENE IS AN IMPORTANT EXPOSURE CONTROL MEASURE.**

**THE FOLLOWING GENERAL MEASURES SHOULD BE TAKEN WHEN WORKING OR HANDLING THIS MATERIAL.**

**Personal Protection:** These recommendations provide general guidelines for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application.

**Eyes and Face:** The use of chemical safety glasses with side shields or splash proof goggles when using this product is recommended. An emergency eye wash and safety shower should be accessible to the work area.

**Inhalation/Suitable Respirator:** No respiratory protection should be needed.

**Work Hygienic Practices:** 1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. 2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet. 3) Wash exposed skin promptly to remove accidental splashes of contact with this material.

**Suitable Gloves:** Neoprene rubber or other chemical resistant material such as nitrile or viton may be used.

**Skin:** Washing at mealtime and end of shift is adequate.

## IX - PHYSICAL AND CHEMICAL PROPERTIES

**Odor:** Bland  
**Appearance:** Liquid Emulsion  
**Color:** White  
**pH (neat @ 25° C):** 3.5-4.5  
**Solubility in Water:** Dispersible  
**Bulk Density @ 25°C:** 8.35 lb/gal  
**Evaporation Rate:** ND  
**Oxidizing Properties:** NA

**Boiling Point:** ~ 212°F  
**Melting/Freezing Point:** ~ 32°F  
**Flashpoint:** >212°F  
**Viscosity:** Pseudoplastic  
**Vapor Pressure:** ND  
**Vapor Density:** ND  
**Volatile Organic:** Negligible

## X - STABILITY AND REACTIVITY

**Stable:** Stable under normal temperature and pressure  
**Conditions to Avoid:** See section VII  
**Materials to Avoid:** Strong oxidizing materials  
**Hazardous Polymerization:** Will not occur  
**Incompatible Materials:** None

**Hazardous Decomposition:** Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: carbon oxides and traces of incompletely burned carbon compounds, silicon dioxide, nitrogen oxides, formaldehyde, and metal oxides.  
**Hazardous Decomposition Products:** Incomplete combustion may produce carbon monoxide and other asphyxiants.

## XI - TOXICOLOGICAL INFORMATION

**Acute Oral:** ND  
**Acute Dermal:** ND

**Eye Irritation:** ND  
**Skin Irritation:** ND

## XII - DISPOSAL CONSIDERATIONS

**Empty Container:** Since empty packaging contain residues of the product, all labeled hazard precautions should be observed. Always follow Federal, State and Local regulations regarding waste disposal.

## XIII - TRANSPORTATION INFORMATION

**DOT Proper Shipping Name:** NA  
**DOT Technical Name:** NA  
**DOT Label Required:** NA  
**DOT Placard Required:** NA  
**DOT Poison Constituent:** NA

**DOT Primary Hazard Class:** NA  
**DOT Secondary Hazard Class:** NA  
**Bill of Lading Description:** Not regulated by the department of transportation.

## XIV - REGULATORY INFORMATION

**SARA TITLE III (Superfund Amendments and Reauthorization Act)**  
**Section 302 Extremely Hazardous Substances:** None  
**Section 304 CERCLA Hazardous Substances:** None  
**Section 312 Hazard Class:** Acute: no / Chronic: no / Fire: no / Pressure: no / Reactive: no  
**Section 313 Toxic Chemicals:** None  
**TSCA Status:** All chemical substances in this product are listed in the TSCA inventory.

## XV - OTHER INFORMATION

THE INFORMATION IN THIS MSDS IS GIVEN IN GOOD FAITH BASED ON OUR EXPERIENCE AND DATA PRESENTED IN VARIOUS TECHNICAL PUBLICATIONS. IT IS THE USERS RESPONSIBILITY TO DETERMINE THE SUITABILITY OF THIS INFORMATION FOR THE ADOPTION OF SAFETY PRECAUTIONS AS MAY BE NECESSARY. THE INFORMATION CONTAINED HEREIN IS FURNISHED WITHOUT WARRANTY OF ANY KIND.