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**ANTI-FOAM (revised September 2010)****Material Safety Data Sheet****SECTION I - COMPANY IDENTIFICATION****PRODUCT:** ANTI-FOAM**CAT. NO.:** AF1, AF5**MANUFACTURED BY:**Sporlan-Division-Parker Hannfin Corporation  
206 Lange Drive  
Washington, MO 63090**TELEPHONE NUMBERS:**Office: 1-(636)-239-1111  
Emergency Only: 1-(800) 424-9300**SECTION II - HAZARDOUS INGREDIENTS****OSHA Hazardous Components (29 CFR 1910.1200)****EXPOSURE LIMITS: 8 HR. TWA**

This product does not qualify as a hazardous material as defined by OSHA (29CFR 1910.1200).

**Non-Hazardous Components:**

Polyoxyethylene Stearate (9004-99-3)

NAP

Dimethylpolysiloxane Oil (9016-00-6)

NAP

Sorbitan Monostearate (1338-41-6)

NAP

**ACGIH TLV****SECTION III - HAZARDS IDENTIFICATIONS****EMERGENCY OVERVIEW:** NONE.**POTENTIAL HEALTH EFFECTS:****INHALATION:** None known.**EYE CONTACT:** May irritate eyes.**SKIN CONTACT:** None known.**INGESTION:** None known.**CHRONIC Effects:** None known.**NOTE:****CARCINOGENICITY:** LISTED IN NTP? No

IARC? No

OSHA Regulated? No

**SECTION IV - FIRST AID MEASURES****INHALATION:** None known.**EYE CONTACT:** None known.**SKIN CONTACT:** None known.**INGESTION:** None known.**SECTION V - FIRE FIGHTING MEASURES****FLASHPOINT (TEST METHOD):** None (PMCC)**FLAMMABLE LIMITS:** LOWER: NA

UPPER: NA

**AUTOIGNITION TEMPERATURE:** NA**GENERAL HAZARD:** None Known.**FIRE FIGHTING INSTRUCTIONS:** Approach from upwind side. Avoid breathing smoke, fumes, mists or vapors on downwind side. Firefighters wear protective clothing, especially eye protection, and self-contained breathing apparatus.**EXTINGUISHING MEDIA:** Carbon dioxide, ABC dry chemical, water spray and fog and foam.**HAZARDOUS COMBUSTION PRODUCTS:** Smoke, carbon monoxide, carbon dioxide and silicon dioxide.**SECTION VI - ACCIDENTAL RELEASE MEASURES****LAND SPILL:** Wipe, scrape or soak up in an inert material and put in a container for disposal.**WATER SPILL:** Soak up in an inert material and put in a container for disposal**SECTION VII - HANDLING AND STORAGE****HANDLING:** FOR INDUSTRIAL USE ONLY. Do not breathe decomposition products.**STORAGE:** Rotate stock.**SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION****ENGINEERING CONTROLS:** None known.**PERSONAL PROTECTION:** Respirator not required under normal conditions of use. Wear safety glasses. Gloves and other protective equipment are not known to be required.**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES****VAPOR PRESSURE @ 20 C:** 17.6 mm Hg**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.01**SOLUBILITY IN WATER:** NA**pH:** 5-7**BOILING POINT:** 212 °F**APPEARANCE & ODOR:** Green liquid. No noticeable odor.**VAPOR DENSITY (Air=1):** NA**EVAPORATION RATE (H<sub>2</sub>O=1):** >1**VOC (LB/GAL):** 0.0**FREEZING POINT:** 32 °F**SECTION X - STABILITY AND REACTIVITY****STABILITY:** Stable**CONDITIONS TO AVOID:** None known.**MATERIALS TO AVOID:** NA**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide, carbon monoxide and silicon dioxide.

**ANTI-FOAM (revised May 2006)**

**HAZARDOUS POLYMERIZATION:** Will not occur.

**SECTION XI - TOXICOLOGICAL INFORMATION**

ND

**SECTION XII - ECOLOGICAL INFORMATION**

ND

**SECTION XIII - DISPOSAL CONSIDERATIONS**

Disposal should be made in accordance with Federal, State and local environmental reg's.

**SECTION XIV - TRANSPORTATION INFORMATION**

**PROPER SHIPPING NAME:** Not regulated material, liquid

**HAZARD CLASS:** NA

**IDENTIFICATION NUMBER:** NA

**DOT Emergency Guide #:** NA

**Reportable Quantity (RQ):** NA

**International:** Not regulated material, liquid

**SECTION XV - REGULATORY INFORMATION**

**TSCA (Toxic Substance Control Act):** Components of this product are listed on the TSCA Inventory.

**CERCLA (Comprehensive Environmental Response, Compensation and Liability Act):** Not listed.

**SARA TITLE III (Superfund Amendments and Reauthorization Act):** Not listed.

**CALIFORNIA PROPOSITION 65:** Not listed.

**SECTION XVI - OTHER INFORMATION**

**State Right-to-Know Programs:** Not listed.

**NFPA Ratings**

Health: 0

Flammability: 0

Reactivity: 0

**HMIS Protective Equipment:** X See your supervisor

Prepared by: Sporlan Division-Parker Hannifin Corporation

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# Condenser Coil Cleaner

## Virginia Alki-Foam

Biodegradable!



Alki-Foam is a concentrated, biodegradable, high-foaming outdoor condenser coil cleaner. This alkaline formula contains additional solvents and surfactants that penetrate deep into the condenser coil to dissolve grease and to remove other tough, baked-on contaminants. When properly applied, a foaming action results that expands outward from deep within the coil, pushing with it loosened contaminants. In addition to removing these contaminants, the Alki-Foam formula effectively restores efficiency and reduces operating cost by removing oxidation from the coil surfaces.

Alki-Foam will effectively remove grease, exhaust residues and other contaminants found on outdoor air cooled condensers.

Produced and packaged in the USA in our ISO 9001 registered facility.

### CHARACTERISTICS:

- Heavy foaming action.
- Biodegradable.
- Non-acid blend (pH: 13.5 - 14.0).
- Penetrates deep into the coil.
- Non-flammable.
- Removes oxidation.
- Purple liquid.

### USES:

Any outdoor air conditioning, heat pump or refrigeration condenser coil which requires a deep cleaning to restore performance and system efficiency.

### DILUTION RATIOS:

Because Alki-Foam is highly concentrated, it must be diluted prior to use. Actual dilution ratios will vary according to application. The following is intended as a general guideline:

- Up to 10 parts water to 1 part Alki-Foam (10:1) for light duty cleaning when expanding foam is not required.
- 3 parts water to 1 part Alki-Foam (3:1) for difficult cleaning tasks.
- 1 part water to 1 part Alki-Foam (1:1) for use as a high foaming aluminum finned, air cooled condenser cleaner.

Use the minimum concentration required to accomplish your task.  
*Note: Do not use Alki-Foam at concentrations greater than 1:1 (1 part water to 1 part Alki-Foam). Rinse treated and surrounding area thoroughly.*

the reliable source.





### APPLICATION METHODS:

- Low pressure tank sprayers recommended.

Regardless of application method, avoid inhalation of mist and contact with liquid or mist.

### SUGGESTED INSTRUCTIONS FOR USE:

1. When handling Alki-Foam or any other strong chemical, be sure to wear chemical impervious gloves, apron and splash goggles.
2. Determine required dilution ratio for the specific application. It is recommended to start with a dilution ratio of 10:1, and increase concentration until the desired results are achieved.
3. Turn off fans and allow hot coils to cool before applying.
4. Using plain water, wet both the condenser coil and the surrounding area. Wetting the coil with water aids in product penetration and performance.
5. Apply the properly diluted product to the coil surface. Whenever possible, apply the solution from the air outlet side of the coil. *Note: Avoid inhalation of mist or contact with liquid.*
6. Allow the product to remain on surface, normally 5 - 10 minutes. Do not allow product to dry on coil. *Note: In extreme cases, application may have to be repeated to achieve the desired results.*
7. Rinse the coil, tools and surrounding area thoroughly after completing the coil cleaning process.

### CAUTIONARY NOTES:

This product is for professional use only.

At full strength:

- It will cause burns to skin and eyes.
- Ingestion will cause severe and potentially fatal gastric distress.
- The vapors are harmful and may cause respiratory tract irritation.

Refer to MSD sheet for further information. MSD sheets are available at your local wholesaler or by calling Virginia KMP.

### PACKAGE SIZES AVAILABLE:

Alki-Foam is available in 1, 5 and 55 gallon containers.

### ALTERNATE PRODUCTS:

Acti-Klean (AK) - concentrated non-acid coil cleaner.

Pro-Klean (MPC) - multi-purpose alkaline cleaner.

Acti-Brite (AB) - concentrated acid coil cleaner.

**NON-WARRANTY** - All data, statements and recommendations contained herein are based upon the best information available and are believed to be reliable. However, no warranty, either expressed or implied, is made concerning the application of this product since the customer's use cannot be controlled. Statements concerning the use of this product should not be construed as suggestions, recommendations or inducements that it be used in violation of patent rights or in violation of any applicable laws or regulations. Product improvement is a continuous process at Virginia KMP Corp., therefore, product specifications may change without notice. Please contact your VKMP representative or distributor to verify details.

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**Virginia KMP -- Your Reliable Source for Refrigeration Components, Cleaners, Lubricants, Sealants and Water Treatment**