

# MATERIAL SAFETY DATA SHEET

## **SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

Date Prepared: 04-19-13

Product Identifier: **Viper Coil Degreaser**

Manufacturers Part #RT375A

General Use: Cleaning/Degreasing

Chemical Family: Aqueous Detergent Mixture, Aerosol

Manufacturer Refrigeration Technologies (www.refrigtech.com)

1111 N. Armando St

Anaheim, CA 92806

Ph: (800) 869-1407, 714-238-9207 Fax: 714-238-9234

24 HR Emergency Phones: Chem-Tel, Inc. (800) 255-3924; International: (813) 248-0585

## **SECTION 2 - HAZARDOUS INGREDIENTS**

Hazardous Components	CAS#	WEIGHT %	TWA	STEL	PEL	EINCES#
A-70 Hydrocarbon Propellant	68476-86-8	< 8	1000ppm	N/A	1000ppm	270-705-8

## **SECTION 3 - HAZARDOUS IDENTIFICATION**

HMIS: H=0, F=0, R=0, S=0

**Emergency Overview:** CAUTION: Contents under pressure. Container will explode if heated.

### **Potential Health Effects:**

EYES: Mild to moderate Irritation.

SKIN: Practically non-irritating

INGESTION: Practically non-toxic in low quantities.

INHALATION: Not expected to be a hazard under anticipated conditions of use. Heavy exposure may be irritating.

Carcinogenic: No NTP? No IARC Monographs? No OSHA Regulated? No

## **SECTION 4 - FIRST AID MEASURES:**

EYES: Flush with water for 15 minutes. If irritation persists, call physician

SKIN: Wash off with soap and water.

INGESTION: Drink large amounts of water. Call physician

INHALATION: Get person to fresh air. Call physician

## **SECTION 5 - FIRE AND EXPLOSION HAZARD DATA**

NFPA Hazard Rating: H=0, F=0, R=0, S=0

Flash Point: None as per flame extension. Flammable Limits: Not Tested LEL: Not Tested UEL: Not Tested

Extinguishing Media: Water, CO2 or Dry Foam Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: can may burst upon heating and become projectiles.

Hazardous Combustion Products: Hydrocarbons, CO, CO2

## **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Steps to be taken in case material is released or spilled: Soak up with inert, absorbent material. Scoop up and place in a proper waste disposal container. Dispose of in accordance with federal, state and local regulations.

## **SECTION 7 - HANDLING AND STORAGE**

Precautions to be taken in handling and storing: CAUTION: Contents under pressure. Store in a cool, dry place, out of direct sunlight. Do not freeze or heat above 120 F. Keep container away from open flame. Use with adequate ventilation. Avoid contact with eyes.

Other precautions: KEEP OUT OF REACH OF CHILDREN

## **SECTION 8 - EXPOSURE/CONTROL MEASURES**

Hazardous Component	NIOSH TWA/STEL	ACGIH TWA/STEL
A-70 Hydrocarbon Propellant	1000ppm/NE	1000ppm/NE

Respiratory Protection: Open all doors and windows. If there is an exposure and it is above the TLV or PEL, a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134 is required

Ventilation: Local Exhaust: If available Special: None

Mechanical: If available Other: None

Protective Gloves: Plastic or Rubber, Chemical Resistant

Eye Protection: Glasses, Goggles

Other Protective Clothing or Equipment: None

## PAGE 2: MSDS Viper # RT375A

Work Hygienic Practices: Use common sense and care around chemicals. Never mix chemicals. Consult your supervisor for other practices. All practices depend on your specific business. Directions for use are normally found on label that will dictate engineering and control measures.

### **SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES**

Boiling Point >212F/100C	Specific Gravity: 1.06
Vapor Pressure: 76 psia	pH: 9-10
Vapor Density: Not Tested	Evaporation Rate: Not Tested
Solubility in Water: Complete	Appearance and Odor: Straw liquid, Little or No Odor
Viscosity: Not tested	Freeze Point: 32F/0C

### **SECTION 10 - STABILITY AND REACTIVITY**

Stability: Stable  
Conditions to Avoid: Temperatures above 120F/50C. Open flame  
Incompatible Materials to Avoid: Strong oxidizers, Chlorine.  
Hazardous Decomposition or Byproducts: Hydrocarbons, CO, CO2  
Hazardous Polymerization: Will not occur

### **SECTION 11 - TOXICOLOGICAL INFORMATION**

Hazardous Components	CAS#	Wt %	EINECS#	LC50 Inhaled	LD50 oral	LD50 dermal
A-70 Hydrocarbon Propellant	68476-86-8	<8	270-705-8	NA	NA	NA

### **SECTION 12 - ECOLOGICAL INFORMATION**

Product is composed of readily biodegradable ingredients. None of the components are known to have aquatic toxicity or negative environmental impact. Always prevent chemicals from entering watercourses, sewer or drain without proper authorization

### **SECTION 13 - DISPOSAL CONSIDERATIONS**

Always follow Federal, State and Local codes before disposal of any chemicals. Consult with an expert in your area on proper disposal methods. Chemicals should never be allowed to enter sewers, watercourses or low areas without proper authorization. Empty containers should be thoroughly rinsed and offered for recycling.

### **SECTION 14 - TRANSPORTATION INFORMATION**

DOT: Aerosol, Level 1	Proper Shipping Name: Consumer Commodity	Class: ORM-D	UN# None
IMDG: Aerosol	Proper Shipping Name: Aerosols Limited Quantity	Class: 2.2	UN# 1950
Label: Non-Flammable Gas Marine Pollutant: No			
IATA: Forbidden to ship by Air unless packaged by Certified Hazmat Packager			

### **SECTION 15 - REGULATORY INFORMATION**

SARA/CERCLA/313: No reportable ingredients. Not subject to any special reporting.  
TSCA: Components are listed on the TSCA Inventory  
EINECS: Yes, 270-705-8  
ADG: UN1950, Class 2.2, non-toxic, non-flammable, Hazchem 2Y, ERG# 49, Aerosols  
CALIFORNIA PROP 65: No reportable ingredients  
CPR: Ingredients Listed: "This product MSDS contains all the information required by the CPR."  
IDL: None  
DSL/NDL: All Ingredients Present  
SAFETY PHRASE: S1/2/25  
WHIMIS STATUS: Class A (Compressed Gas)



Symbol:

VOC Content: < 80 grams/liter as hydrocarbon propellant

### **SECTION 16 - OTHER INFORMATION**

NSF Registration Number 120060, Non-Food Compound, Category P1  
Product may be used around food and on food equipment as per NSF Category P1.  
Manufacturer Disclaimer: This information relates to the specific materials designated herein and may not be valid for such materials used in combination with any other material. The information contained in this document is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of this information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information.

Date Prepared: 04-19-13

By: John Pastorello, CEO - Refrigeration Technologies