



REFRIGERATION TECHNOLOGIES

**DELIVERING PERFORMANCE
WITHOUT HAZARDOUS INGREDIENTS**



NSF®

APPROVED CHEMICAL PRODUCTS FOR THE HVAC/R INDUSTRY



**FOOD GRADE • NON-TOXIC • EPA COMPLIANT
BIODEGRADABLE • NON-FLAMMABLE • NO ODORS**

MADE IN USA 

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Making A Better Product

Our products are sold and recognized worldwide as the premier line of HVACR chemical products. The products you will read about in this brochure are “branded” and not available under any other name.

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Technical Support and Inquires Always Welcome



Division of RTX Scientific, Inc. a California Corporation

1111 N. Armando St., Anaheim, CA 92806

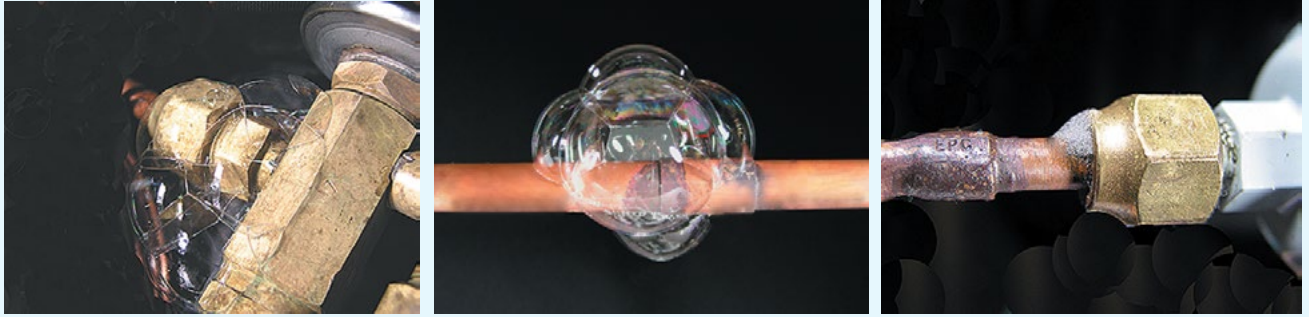
Phone: 800.869.1407 (USA and Canada)

714.238.9207 (International)

Fax: 714.238.9234

Web Site: www.refrig.com

LEAK DETECTORS



BIG BLU Family

A Higher Level of Leak Detection

Bubble leak detection was once considered gross and unreliable. To a certain degree it was true because the makers of leak detector solutions relied on simple mixtures of soap and water. Our fluids are strong, persistent film forming liquids that have excelled in the field identification of micro gas leakage. They are the only bubble/foam indicators capable of detecting leakage down to 0.65 ounces per year. Detect leaks on any Gas.

NSF Registered for Use in All Food Processing Areas

- Food Grade
- Non-Toxic
- Non-Corrosive
- Biodegradable
- Oxygen Safe



Big Blu

P/N: RT100S	Quart
RT100G	Gallon
RT100D	55-Gallon Drum
Temp Range	+35 to 177 F
Sensitivity	0.65 oz per yr.

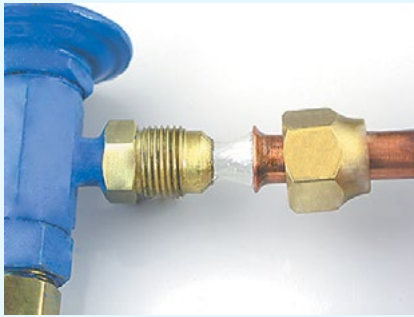
Brush On Blu

P/N: RT175B	8 oz Telescopic Dauber
Temp Range	0 to 185 F
Sensitivity	0.74 oz per yr

Super Blu

P/N: RT150S	Quart
RT150G	Gallon
Temp Range	-30 to 202 F
Sensitivity	0.79 oz per yr

GASKET and THREAD SEALANTS



Discover NYLOG

It's a Sealant

Nylog is a viscoelastic Refrigeration Oil that will prevent high-pressure gas leakage. Gaskets and threaded connections coated with Nylog will form a hydraulic seal at the interface. The compound always remains temperature and vibration resilient.

It's a Lubricant

Nylog can be used as a high tack assembly lube when installing shaft seals, o-rings, schrader valves, ball valves, unloaders or other system components. Overuse of the compound is not a concern since it is indigenous to the base compressor oil. Two versions are available: Nylog Red is made from mineral oil and Nylog Blue is synthetic.

NSF Registered For Use in All Food Processing Areas

- Will Never Harden or Dry
- Will Not Clog or Contaminate Systems
- Fully Compatible and Miscible
- Non Toxic



Nylog Red

P/N: **RT200R**

Base	Mineral Oil
Application	CFC or HCFC Systems
Temp. Range	-30 to 350 F
Size	30 ml



Nylog Blue

P/N: **RT201B**

Base	Synthetic Ester Oils
Application	HFC Systems
Temp. Range	-35 to 425 F
Size	30 ml

ALKALINE COIL CLEANING



The Original Foam Injection Method



Nothing Cleans or Foams Better




VIPER BRITE

Viper Brite Solution

P/N: RT300G

Concentrated- Dilute 10:1

Biodegradable

 Registered For Use in All Food Processing Areas



33% More Powerful Than Other Brands

Viper Foam Gun

P/N: RT300S

Simple Garden Hose Connection

Optimized Air-to-Solution Ratio

Lightweight and Versatile

Foam Funnel

P/N: RT302F

A Slip Fit Modified Boot

Inject Foam to 12" Coil Depths

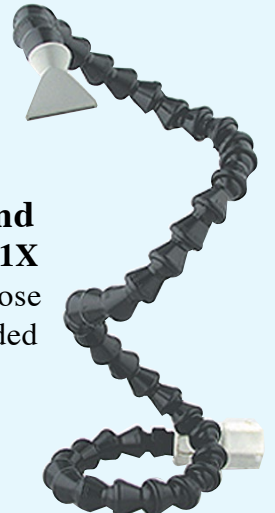


Tight Flex Wand

P/N: RT301X

Adjustable Ball and Socket Hose

Shorten or Lengthen as Needed



Watch This Product In Action: Request Our Free "Captain Carbonex" Video

EVAPORATOR COIL CLEANING



Viper E+

Coil Cleaning Breakthrough

Enzymes are the most effective cleaning agents for cold-water environments. **Viper E+** is the industries only Non-Rinsing Evaporator Coil Cleaner utilizing slow release Enzymes in a synthetic detergent base. Apply **Viper E+** to any evaporator coil then place the equipment back into operation. The solution remains active for about 72 hours with condensate production.

Imbedded soils that resist conventional detergents are removed successfully with **Viper E+**. The performance is passive, absolute and impressive.

NSF Registered for Use in All Food Processing Areas

- Non-Toxic
- No Odors or Toxicity
- Friendly to all Materials
- Safe to Handle
- Biodegradable

Viper E+
P/N: RT350G
1-Gallon



FOAMING AEROSOL COIL DEGREASER



VIPER

Safe and Effective

Viper is a potent degreasing compound that does not contain any hazardous ingredients or give off toxic fumes. The Aerosol injector produces rich penetrating foam having excellent vertical hold. The foam will liquefy and drain after a few minutes removing heavily imbedded grease and grime.

Viper is excellent for cleaning small kitchen equipment, condenser and evaporator coils. Condenser coils only require a light water rinse and there is no need to rinse evaporator coils.

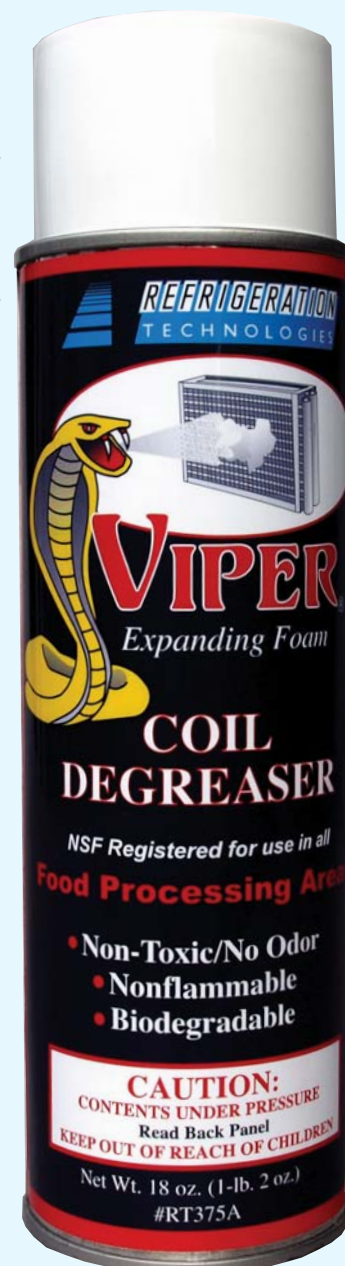
NSF Registered for Use in All Food Processing Areas

- No Odors
- Non Toxic
- Non Flammable
- Non Irritating
- Biodegradable

Replaces the Toxic Coil Blasters



Viper
P/N: RT375A
18 oz Aerosol



SYNTHETIC DETERGENT/DEGREASER



VIPER HD

Viper HD is a concentrated version of our Aerosol Viper Coil Degreaser. Use Viper HD instead of Acid or Alkaline cleaners for unbelievable cleaning performance.

Viper HD diluted 5:1 with water will remove more grease and soil than most cleaners can accomplish at full strength. An all-new multipurpose compound containing highly aggressive surfactants, penetrants, soil release agents and oil dispersants. Apply it with our foam gun or in any type of high or low pressure equipment. Dilute up to 50:1 for spray and wipe.

Viper HD does not contain any ingredients that will raise a flag from the EPA, OSHA, Water Pollution Control or Air Quality Districts.

 Registered for Use in All Food Processing Areas.

- Biodegradable
- Neutral pH
- Non-Irritating
- No Odors
- Non-Toxic



Supplied as a Concentrate

Viper HD

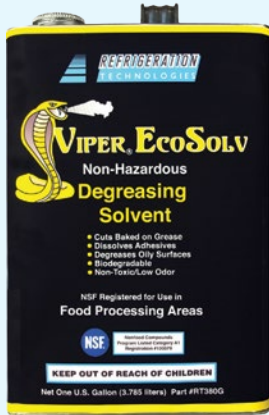
P/N: RT390G
1-Gallon



DEGREASING SOLVENT

Viper EcoSolv

Non-Hazardous



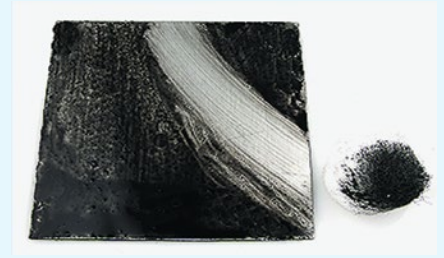
Blister and Lift Baked on Grease


It's All About Performance! Use Viper ES to dissolve and cut through layers of baked-on carbon grease. Restore neglected condenser coils, ventilation equipment, grills and other highly impacted surfaces with ease. Performance is equal to, and in many cases, better than the results obtained with toxic solvents.

No Gloves Required

The user no longer needs to contend with toxic vapors, flammability, skin burns or accidental poisoning. Viper ES replaces hazardous solvent applications including parts and equipment degreasing, concrete cleaning and enamel paint cleanup.

When used as a soaking or striping agent, Viper ES will remove paint, epoxy and varnish overnight. The product is based on methyl esters of soy, palm and corn oil. Lightly scented with apple and citrus to freshen the workplace.



 Registered for Use in All Food Processing Areas

- Non-Toxic
- Biodegradable
- Flash Point > 350F
- EPA/OSHA Compliant



Viper EcoSolv

P/N: RT380G
1-Gallon

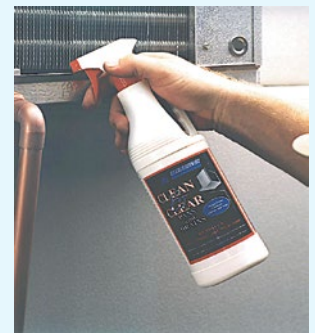
CONDENSATE PAN and DRAIN TREATMENT


CLEAN & CLEAR

STOP Chronic Drain Blockage



Clean & Clear contains Enzyme Detergents locked into a viscous Silicon Gel. Unlike tablets or strips, the entire Condensate pan can be spray coated for complete coverage. Enzymes are the detergent of choice for use in cold-water environments. They break-up and disperse slime, sludge and algae stains more successfully than conventional treatments. The Silicon Detergent Gel dissolves s-l-o-w-l-y overtime to prolong the cleaning process. Silicon imparts a lubricative film to the treated surface to prevent future soil redeposition. Clean & Clear is chemically compatible with our E+ Evaporator Coil Cleaner, and can be used in tandem to totally remove grease, grime and silt in the entire evaporator section, p-trap and drain line.



 Registered for Use in All Food Processing Areas

- Non-Toxic
- Eliminates Odors

Clean & Clear Pans and Drains

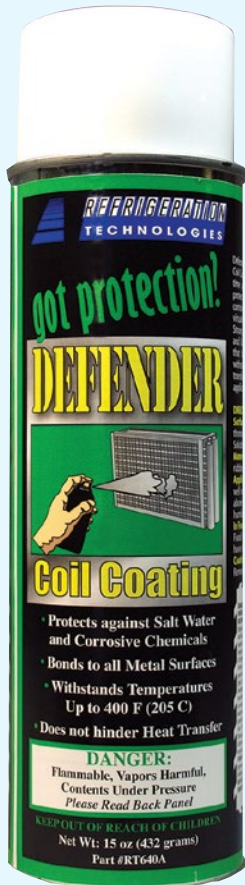
P/N: RT800S
1-Quart



AEROSOLS

Maintaining Equipment

Our Aerosol products are Non-Flammable, Odor Free and NSF registered, except Defender



Defender Coil Coating

Part Number **RT640A**
Net Weight 15 ounces

Protect Coils from Salt Water and Corrosive Chemicals

Defender is the toughest and longest lasting Coil Coating you will ever need to apply. Bonds to all metal surfaces and withstands temperatures to 400F (205C).

Full Pull Belt Dressing

Part Number **RT610A**
Net Weight 17 ounces

Silicone Enhanced

A true rubber conditioning compound that does not contain solvent. Vastly improves belt traction and flexibility without swelling. Use as a protectant on new belts or to eliminate slippage on old belts.

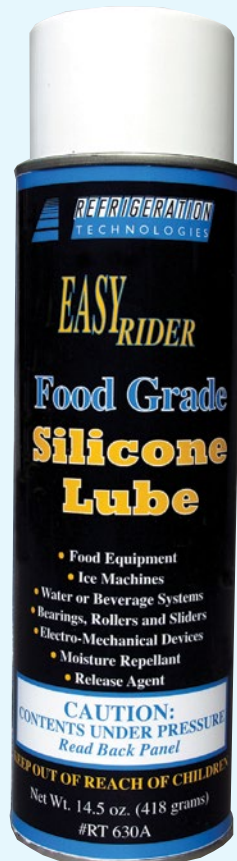
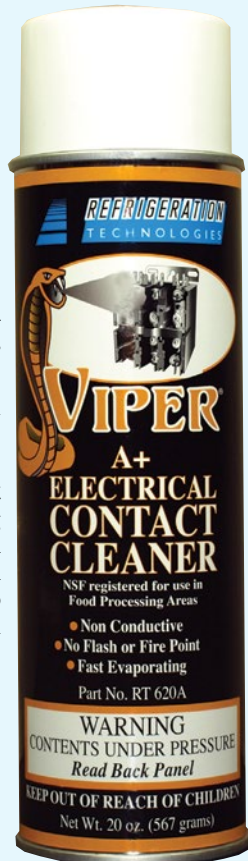


ViperA+ Electrical Contact Cleaner

Part Number **RT620A**
Net Weight 24-ounces

No Flash or Fire Point

Fast drying solvent for dissolving hard oxidation, carbon, grease and grime. Based on SNAP approved HFC 245fa. Low odor, leaves no residue and VOC compliant in all 50 States, Canada and Europe.



Easy Rider Silicone Lube

Part Number **RT630A**
Net Weight 17.5 ounces

Experience the Difference

42% Silicone as compared to 2-10% offered by our competitors. Food Grade rated H-1 for incidental food contact. Use in place of WD40, Super Lube or LPS for a lower coefficient of friction and longer lasting film.

CONTAMINATION DETECTOR KIT



CHECK MATE



The Checkmate method is the Industries only valid field test for measuring Acid and Moisture levels in both the Compressor Oil and any Refrigerant Gas.

Quick! Easy to Use

Simply insert a Detector Tube into the Checkmate body and connect the device up to a cylinder or on the low side of system. Detector Tubes results take less than a minute.

Accurate Results

The Detector Tubes have been tested for accuracy by ETL, Intertek Testing Services, an ARI approved laboratory.

Quality Construction



Brass Body
Stainless Steel Needles

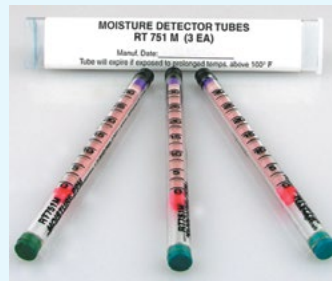


Heavy Wall Pyrex Glass
Packed Under Dry Nitrogen



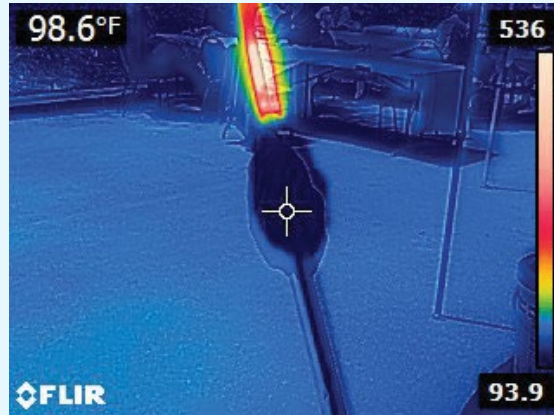
CheckMate Kit
P/N: **RT700K**

- Brass Body w/ Extension Hose and Union
- 14 page Illustrated Manual
- 1-Pack (3ea) Acid Detector Tubes
- 1-Pack (3ea) Moisture Detector Tubes
- 1-Pack (3ea) Oil Detector Tubes



Replacement Detector Tubes
P/N: **RT750A**, 3-Acid Detector Tubes
P/N: **RT751M**, 3-Moisture Detector Tubes
P/N: **RT752C**, 3-Oil Detector Tubes

VIPER WET RAG HEAT BLOCKING PUTTY



Better than a Wet Rag

Viper Wet Rag is a reusable heat blocking putty that keeps piping and sensitive components cooler than a traditional wet rag during brazing, soldering or welding. It is made from the same materials found in the heat shield of the space shuttle. Simply apply, remove and reuse.

Directions:

Mold putty in front of area that needs to be protected from heat. Braze, solder or weld. Let heated areas cool. Remove putty and place back into jar. Remoisten with a few drops of water if putty becomes dry. Good for up to 40 uses.



- Reusable like a Wet Rag
- Protects Surfaces, valves and other sensitive parts from heat damage
- Blocks direct and conductive heat transefer
- No mess formula
- Use with MAP/Pro, Oxy/Acetylene, Mig, Tig, Arc and Propane torches
- Non-Toxic

Wet Rag Heat Blocking Putty

P/N: RT400P - 12 Ounces

ICE MACHINE CLEANERS


Viper Nickel Safe Ice Machine Cleaner


Part Number **RT500N**
Net Weight 16 ounces

Part Number **RT500G**
1 Gallon

Viper Nickel Safe is an organic acid that will remove more scale faster than traditional cleaners without damaging surfaces. Nickel Safe is ideal for use on food equipment since it is odorless, non-fuming and lower in toxicity. This is a strongly acidic cleaner that is biodegradable and environmentally preferred over phosphoric acid. Use 8oz of cleaner for every 250-300 lb of ice production. Add into the sump of a circulating system set in the cleaning mode. Tested to be compatible with nickel plated evaporators and plastic components used in ice machines like Manitowoc™.



 K-Heart Pareve
Kehilla Kosher Products approved ingredients and facility

 NSF Registered for use on food equipment Category A3 Acid Cleaner.

P/N: **RT500N** - 16oz.
P/N: **RT500G** - 1 Gallon





Viper Ice Machine Cleaner Maximum Strength

Part Number **RT510M**
Net Weight 16 ounces

Part Number **RT510G**
1 Gallon

Our Maximum Strength Ice Machine Cleaner is a highly concentrated organic acid that will remove more scale faster than traditional cleaners without damaging surfaces. Viper Max is ideal for use on food equipment since it is odorless, non-fuming and lower in toxicity. This is a strongly acidic cleaner that is biodegradable and environmentally preferred over phosphoric acid. Use 8oz of cleaner for every 250-300 lb of ice production. Add into the sump of a circulating system set in the cleaning mode. Tested to be less corrosive to metals and non-oxidizing to other equipment components.

 K-Heart Pareve
Kehilla Kosher Products approved ingredients and facility

 NSF Registered for use on food equipment Category A3 Acid Cleaner.

P/N: **RT510M** - 8oz.
P/N: **RT510G** - 1 Gallon



SILICONE GREASE



Food Grade

Silicone Grease
P/N: **RT910T**
3 oz Tube



The lubricant of choice for use in food equipment, water fixtures and heat generating appliances. Use in places where petroleum oils are inadequate or not desirable. Silicones are compatible with most plastics, rubber, leather, composite fibers and all metals. Its high dielectric strength allows for the safe lubrication of electromechanical devices. Stable consistency with low volatility. Chemically resistant and waterproof.

Registered H1 for incidental food contact

TEST	METHOD	RESULT
Food Grade	NSF	H-1, Incidental Food Contact
Color	Gardner	Translucent White
Penetration	ASTM D-217	3
Flash Point	Closed Cup	>570 F
Bleed	F.S. 791	None
Dropping Point	ASTM D-566	None
Pour Point	ASTM D-97	-45 F
Water Washout	ASTM D-1264	0.75 %
Evaporation Loss	ASTM D-972	30% @ 390 F
Specific Gravity	ASTM D-2225	1.03

ANTI-SEIZE COMPOUND

BlackJack is an extreme duty anti-seize and assembly lubricant containing sub-micro molybdenum disulfide in a base of synthetic and neutral petroleum oils. Treated surfaces always remain free working and easy to disassemble. Apply to shaft components, drive pulleys, fan blades, blower hubs, bushings and bearings. Use externally as a protective coating in harsh environments or as a permanent grease in pump mechanisms, steam valves, gearboxes and on threaded bodies. Anti-seize compounds based on moly are superior to those based on powdered metal. BlackJack never hardens and maintains its buttery texture over a wide temperature range.



BLACKJACK



BlackJack
P/N: **RT900B**
8 oz **Brush Top**

TEST	METHOD	RESULT
Temperature Range	Direct Measurement	-30 to 750 F
Color	Gardner	Black
Falex Test	ASTM D-2670	3000 lb
NLGI	ISO 450	Grade 1
Coefficient of Friction	Plate Boundary	0.090
Penetration	ASTM D-217	300 worked
4-Ball Wear	ASTM D-2266	0.64
Evaporation	ASTM D-972	0.7 @ 210 C
1000 Hr. Salt Spray	ASTM B-117	No Rust
Effect on Copper	ASTM D-4048	#1 Pass
Effect on Ferrous Steel	ASTM D-4048	#1 Pass
Effect on Aluminum	ASTM D-4048	#1 Pass
Dropping Point	ASTM D-566	380 F



CERTIFICATIONS

Product	Registration Number	Category
Big Blu	119847	P1
Super Blu	119848	P1, HT1
Brush On Blu	119846	P1
Nylog Red	119843	H2
Nylog Blue	119845	H2
Viper Brite	084269	P1
Viper E+	126062	P1
Viper Aerosol Coil Degreaser	120060	P1
Viper EcoSolv Degreaser	120079	A1
Viper HD	120080	A1
Full Pull Aerosol Belt Dressing	120058	H1
A+ Electrical Contact Cleaner	120059	K2
Easy Rider Aerosol Silicone Lube	120061	H1
Clean & Clear Pan Treatment	119844	L1
BlackJack Anti-Seize	119849	H2
Silicone Grease	119842	H1
Viper Max Ice Mach Cleaner	145854	A3
Viper Nickel Safe Ice Mach Cleaner	145855	A3

Specific Applications

Product	Certification	Testing Laboratory
Big Blu	Oxygen Safety, Corrosivity	Truesdale, Tustin, CA
Super Blu	Oxygen Safety, Corrosivity	Truesdale, Tustin, CA
Brush On Blu	Oxygen Safety, Corrosivity	Truesdale, Tustin, CA
Nylog Red	Sealed Tube Compatibility, Miscibility	Intertek, Columbus, OH
Nylog Blue	Sealed Tube Compatibility, Miscibility	Intertek, Columbus, OH
Viper EcoSolv	Kari Butanol Value	Harris Labs, Houston, TX
Viper HD	Cleaning Efficiency	SGS, Fairfield, NJ
Checkmate	Detector Tube Accuracy	Intertek, Columbus, OH
BlackJack	Complete Profile	Specialty Lubricant, Norco, CA
Silicone Grease	Complete Profile	Specialty Lubricant, Norco, CA
Viper Ice Machine Cleaners	Kosher	Kehilla Kosher Products

Material Safety Data Sheet Review

NSF, Ann Arbor, MI

VOC Compliance and Survey

South Coast Air Quality Management District,
Diamond Bar, CA

Product Labeling Review

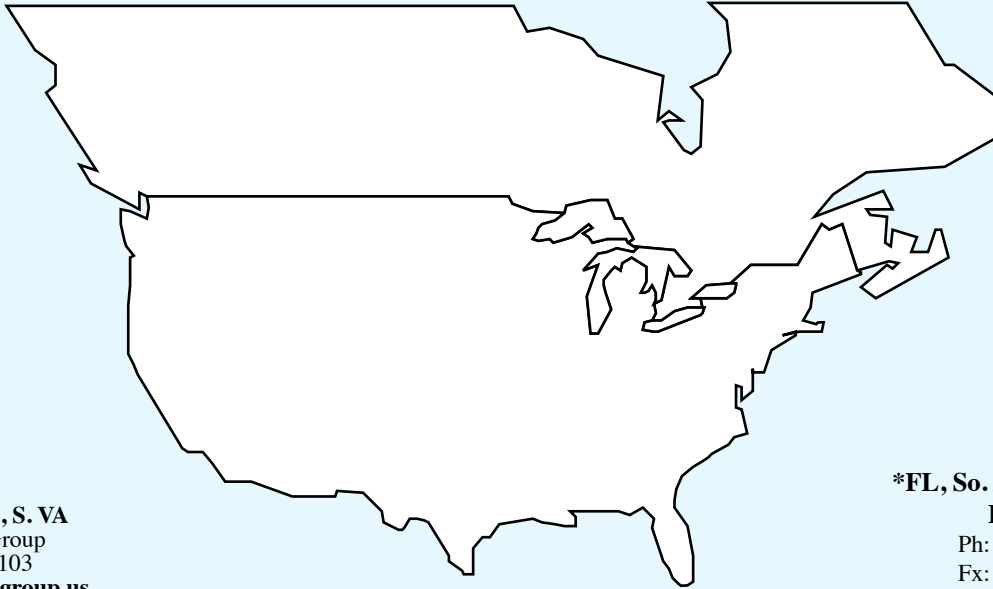
NSF, Ann Arbor, MI

Packaging and DOT Review

Genlabs, Chino, CA

Refrigeration Technologies has been awarded the highest level of “Champion” in EPA’s Designed for the Environment Program.

Manufacturers Representatives and Distribution



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www.westechhvacr.com

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Singapore/Gulf States

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Fx: 64-9-526-5721
www.realcold.co.nz



Italy - Sicily
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Fx: 0934 672740
www.beoneclima.com



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www.panimpex.com



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