Vantage

Precision Cleaning Products



Aqueous Cleaning



Vapor Degreasing



Solvent Cleaning

Manual Cleaning



Product	Description	Method	Use Conc	Use Temp
CleanSafe™ 686 Aqueous Cleaner	Removes metalworking fluids, greases, oils, particulate. Multi-metal safe. Hard water stable. Built-in corrosion inhibitors. SCAQMD compliant.	Immersion; Ultrasonics	5-25%	140-180°F (60-82°C)
CleanSafe 50E Plus Aqueous Cleaner	Cleans, brightens and protects copper, brass and bronze. Built-in corrosion inhibitors. SCAQMD compliant.	Immersion; Ultrasonics	3-10%	120-160°F (50-70°C)
CleanSafe 7200 DTX Aqueous Cleaner	Inhibited mild alkaline cleaner designed to remove metalworking fluids, greases, oils. Multi-metal safe. Built-in corrosion inhibitors. SCAQMD compliant.	Spray; Agitated Immersion	5-10%	140-180°F (60-82°C)
CleanSafe 7448 Aqueous Cleaner	Strong alkaline cleaner designed to remove greases, oils and baked-on-soils from carbon steel. Built-in corrosion inhibitors. SCAQMD compliant.	Spray; Agitated Immersion	5-10%	140-180°F (60-82°C)
CleanSafe 7950 Aqueous Cleaner	Formulated to clean metalworking fluids, greases, oils from stainless steel. Non-silicated. Easily water rinsed. SCAQMD compliant.	Spray; Agitated Immersion	5-10%	140-160°F (60-70°C)
CleanSafe 7449 YHA Aqueous Cleaner	Inhibited alkaline cleaner safe for use on aluminum. Removes metalworking fluids such as cutting and bending oils. Exceptional for tube cleaning applications. SCAQMD compliant.	Spray; Agitated Immersion	5-10%	140-160°F (60-70°C)
CleanSafe 787C Aqueous Cleaner	Non-foaming alkaline cleaner designed for spray parts washers. Aerospace approved. SCAQMD compliant.	Spray	5-10%	120-160°F (50-70°C)



Product	Description	Method	Use Conc	Use Temp
LENIUM TM FHD Vapor Degreasing Solution	Fluorinated vapor degreasing solution. Low toxicity. Replaces nPB, TCE, PERC. No acid acceptance testing required. Aerospace approved.	Vapor; Immersion	100%	99°F (37°C)
LENIUM HFT Vapor Degreasing Solution	Fluorinated vapor degreasing solution. Low toxicity. Replaces nPB, TCE, PERC. Complies with EU F-gas regulations. Available in Europe.	Vapor; Immersion	100%	108°F (42 °C)
LENIUM GS Vapor Degreasing Solution	Degreasing solvent based on n-Propyl Bromide (nPB). Replaces TCE, PERC. Non- flammable. Aerospace approved.	Vapor; Immersion	100%	160°F (71°C)
LENIUM ES Vapor Degreasing Solution	Defluxing solvent based on n-Propyl Bromide (nPB). Non-flammable. Excellent on RMA solder paste flux residues.	Vapor; Immersion	100%	148-151°F (64-66°C)



Product	Description	Method	Use Conc	Use Temp
AXAREL [™] 2000 Solvent Cleaner	Odorless, general-purpose solvent degreaser for parts washing applications. Also used in airless vacuum degreasing equipment. Excellent replacement for mineral spirits. Aerospace approved.	Immersion; Soak; Vacuum Systems	100%	144°F (62°C)
AXAREL PD-680-II Solvent Cleaner	Economical, general-purpose solvent degreaser for parts washing applications.	Immersion; Soak	100%	153°F (67°C)
AXAREL 9100 Solvent Cleaner	Very high flash point solvent degreaser used to remove greases, oils. May also be used in heated immersion tanks.	Immersion; Soak	100%	205°F (96°C)
AXAREL 56 Solvent Cleaner	Water-rinsible solvent cleaner for heated immersion equipment. Removes greases, heavy soils. May be diluted with water to make an emulsion.	Immersion	25%- 100%	205°F (96°C)
BIOACT [™] 280 & BIOACT 280E Solvent Cleaner	Bio-based solvent for removing paraffinic and microcrystalline masking wax and thermofixturing compounds.	Immersion	100%	285°F (141°C)
BIOACT VSO Solvent Cleaner	Dissolves support wax used in 3D model making and prototyping.	Immersion; Soak	100%	215°F (102°C)



MANUAL CLEANING

Product	Description	Method	Use Conc	Use Temp
BIOACT 105 Solvent Cleaner	All-purpose manual cleaning solvent. Good dry times. Removes metalworking fluids, greases, oils. Replaces Acetone, IPA, MEK. Aerospace approved.	Manual	100%	105°F (41°C)
BIOACT 105 Wipes Solvent Cleaner	BIOACT 105 Solvent Cleaner packaged in pre-saturated wipes. Fabric qualified to AMS 3819.	Manual	100%	105°F (41°C)
AXAREL 4100 Solvent Cleaner	Non-citrus manual solvent degreaser. Removes metalworking fluids, greases, oils.	Manual	100%	116°F (47°C)
BIOACT 108 Solvent Cleaner	Powerful solvent blend. Excellent MEK replacement. Removes adhesives, corrosion inhibitors, greases, silicones, waxes and other hard-to-clean soils.	Manual	100%	120°F (49°C)
RE-ENTRY[™] Prepsolv Adhesive Remover	Citrus-based adhesive remover	Manual	100%	122°F (50°C)
AXAREL 1000 Solvent Cleaner	Odorless, high-purity manual solvent degreaser. Aerospace approved.	Manual	100%	127°F (53°C)
AXAREL 6100 Solvent Cleaner	Non-citrus manual solvent degreaser. Removes metalworking fluids, greases, oils. Does not ship or store as a flammable liquid.	Spray-In-Air; Immersion	100%	142°F (61°C)

OUR PRODUCTS CLEAN A WIDE RANGE OF COMPONENTS AND ASSEMBLIES.

- 3D Rapid prototyping, model making and jewelry
- Aircraft exterior and interior surfaces
- Asphalt and construction
- Automotive and light vehicles
- Breathing system components
- Engines and auxiliary power units
- Flight control surfaces
- Heavy transportation and mining
- Honeycomb and composite structures
- Hydraulic line assemblies
- Landing gears, wheels and brakes
- Medical device implants and surgical instruments
- Rocket motor components
- Weapon systems and small arms

OUR CLEANING PRODUCTS ARE USED IN THE FOLLOWING APPLICATIONS:

- General purpose clean-up
- Teardown and assembly
- Removal of greases, hydraulic fluids, lubricants, oils
- Removal of masking and fixturing waxes
- Removal of buffing and polishing compounds
- Removal of corrosion inhibiting compounds (CICs)
- Removal of adhesive residues
- Cleaning prior to nondestructive testing
- Cleaning prior to bonding, sealing, painting
- Cleaning prior to welding
- Removal of metalworking fluids



Vantage Performance Materials

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