



Precision-V Vapor-Degreaser Parts Cleaner

1654

Maintenance cleaners clean oil and contaminants off of metal parts, printed circuit boards, barcode instruments, switch boxes, gear boxes, and engines. Techspray has produced Blue Shower maintenance cleaners for over 30 years, making Blue Shower a staple in maintenance departments all over the world! Techspray offers a variety of solvents and waterbased cleaners that allow customers to match the right products with their cleaning needs. Choosing a strong, high quality cleaner saves time and money. Grease and oil flow right off, reducing the time and materials needed to scrub off stubborn soils.



Powerful vapor degreaser solvent

Ideal replacement for AK225-based cleaners, which will be phased out by 2015 due to ozone depletion restrictions. (See side bar at left) Azeotropic properties that allow it to maintain stable as it is cycled in a vapor-degreaser. It is not reactive nor corrosive to metals commonly found in the construction of vapor-degreasers. Exposure to Precision-V solvents is less hazardous than many other solvents commonly used in vapor-degreasers: e.g. TCE, nPB, and Perc. Precision-V solvents have a lower boiling point than most other vapor-degreaser solvents. This reduces heat-stress on components being cleaned and reduces energy consumption from the boil sump and chiller coils. Precision-V Parts Cleaner removes oils, greases, silicones and other common industrial contaminants.

- Powerful cleaner
- Non-flammable
- Non-ozone depleting
- Safe on electronics
- Rapid evaporation
- Zero residue
- Safe on most plastics
- EPA SNAP approved
- Low VOC
- Vapor-degreaser formula

Product Packaging

1654-G
Precision-V Vap-Degr Parts Cleaner
1 gal
1 units/case



1654-5G
Precision-V Vap-Degr Parts Cleaner
50 lbs
1 units/case



1654-54G
Precision-V Vap-Degr Parts Cleaner
585 lbs
1 units/case



Techspray
P.O. Box 949, Amarillo, TX 79105
800-858-4043 • www.techspray.com



Instructions

Reclamation Process: The reclamation (i.e., boil down) process utilizes the vapor-degreaser as a still to distill solvent from the dirty boil sump and allows you to reclaim and reuse this solvent. When it is determined that the Boil Sump needs to be cleaned out, you should do the following things to boil down the solvent:

1. If you have a 2 sump vapor-degreaser, drain the rinse sump into a clean container for reuse. If you have a one-sump vapor-degreaser, drain the spray reservoir using the spray wand. This material should be collected in a clean container, so it can be reused.
2. Allow the solvent to continue to boil, and the vapors to condense, until such time as one of two things happens:
 - a. the High Temperature Control (HTC) trips and turns off the heat to the heating elements
or
 - b. the Liquid Level Control trips because the level in the Boil Sump is too low.
3. Drain the remaining solvent/soil mixture into a container that is labeled as Hazardous Waste. This material can be used in future boil downs to reclaim more of the solvent in the mixture.
4. Use the retained solvent (from step 1) to refill the vapor-degreaser and add whatever volume of solvent is necessary to completely fill the machine.

This process can be repeated as often as necessary, depending on the amount of usage of the vapor-degreaser and the amount of soil that is introduced into the vapor-degreaser. When you boil down always put the solvent/soil mixture into the vapor-degreaser to reclaim additional amount of the solvent from this mixture.

Technical Information

Chemical & Physical Properties

Appearance	Clear, colorless liquid
Odor	Faint ethereal odor
Flash Point	none
Boiling Point	34.4°C (94°F)
Density	1.3417 at 25°C

Chemical Composition

CHEMICAL NAME	CAS #
1,1,1,2,2,3,4,5,5,5-decafluoropentane (HFC-4310mee)	138495-42-8
1,2-transdichloroethylene	156-60-5
1,1,1,3,3-pentafluorobutane (HFC-365mfc)	406-58-6
Nitromethane	75-52-5





Metals Compatibility

MATERIAL NAME	RATING
Brass foil	Excellent short-term, slight reaction long-term
Copper foil	Excellent short-term, slight reaction long-term
Nickel 200	Excellent short-term, slight reaction long-term
Aluminum 6061	Excellent
Aluminum 2024	Excellent short-term, slight reaction long-term
Stainless Steel 316	Excellent
Stainless Steel 304	Excellent
Mild carbon steel	Slight reaction short- and
Galvanized Steel	

Plastics & Rubber Compatibility

MATERIAL NAME	RATING
ABS	Not compatible
Nylon	Excellent
Lexan	Not compatible
HDPE	Excellent
LDPE	Excellent
C. E. Phenolic	Excellent
PMMA	Not compatible
POM	Excellent
PP	Excellent
PS	Not compatible
PTFE	Excellent
PVC	Not compatible

Environmental Policy

Techspray is committed to developing products to ensure a safer and cleaner environment. We will continue to meet and sustain the regulations of all federal, state and local government agencies.





Resources

Techspray products are supported by a global sales, technical and customer services resources.

For additional technical information on this product or other Techspray products in the United States, call the technical sales department at 800-858-4043, email tsales@techspray.com or visit our web site at: www.techspray.com.

North America

Techspray
P.O. Box 949
Amarillo, TX 79105
800-858-4043
Email: tsales@techspray.com

Europe

ITW Contamination Control
Saffierlaan 5
2132 VZ Hoofddorp
The Netherlands
+31 88 1307 400
Email: info@itw-cc.com

Countries Outside US

Call to locate a distributor in your country.

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