



# Product Information

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## MS-795 / 795M / 797 Vertrel™ XMS Plus Heavy Duty Solvent & Flux Remover

### Description:

MS-795, MS-795M and MS-797 Vertrel™ XMS Plus Heavy Duty Solvent & Flux Remover is a blend of Vertrel™ XF hydrofluorocarbon with trans-1, 2-dichloroethylene, cyclopentane, and methanol. It is ideally suited for removing organic flux residues, oils, and ionic salts from electronic assemblies.

### Advantages:

- Evaporates quickly
- Leaves no residue
- Nonflammable
- Compatible with most plastics, elastomers, and metals
- Non-ozone depleting
- RoHS compliant

**Aerosol application:** It is excellent for spot removal in field service, production and prototype work.

**Bulk application:** It is recommended for use in vapor degreasing equipment. Modern vapor containment technology is recommended for both batch and in-line equipment. These systems have higher freeboard and a secondary set of low temperature -20°F (-29°C) condenser coils to greatly reduce vapor losses.

### Physical Properties:

(Measured @ 77°F, unless otherwise noted)

Boiling Point.....	100°F/38°C
Liquid Density.....	1.34 g/cc
Vapor Pressure.....	470 mmHg
Surface tension.....	14.9 dyn/cm
Viscosity.....	0.46 cPs
VOC Content	
Aerosol.....	485 gms /l
Bulk.....	658 gms /l

### Plastic Compatibility:

(Immersion: 15 Minutes at Room Temperature)

Polyethylene	Acetal
Polysulfone, PSO	Epoxy
Polyester, PET,PBT	Liquid Crystal Polymer
Polyimide, PI,PEI,PAI	Phenolic
Polyetherketone,	PEK PTFE, ETFE
Polyaryletherketone, PEEK	Chlorinated PVC
Polyarylsulfone, PAS	Ionomer
Polyphenylene Sulfide, PPS	Polyvinylchloride
Polypropylene	

**Note:** Incompatible with acrylic, ABS, polystyrene, cellulosic and polyphenylene oxide. Test for compatibility before use.

### Elastomer Compatibility:

(Immersion: 1 Week at 39°C)

Polysulfide	EPDM
Chlorosulfonated PE	Butyl Rubber1
Neoprene <sup>1</sup>	

<sup>1</sup>Swelling, but with low extractables. Elastomer swelling and shrinking will, in most cases, revert to within a few percent of original size after drying. Test for compatibility before use.

### Metal Compatibility:

Compatible copper, zinc, stainless steel, and carbon steel. Test for compatibility before use.

Large amounts of water may extract alcohol and affect cleaning performance. Therefore, to reduce alcohol loss, use desiccant dryers rather than water separators in the condensate return line. Contact with highly basic process materials, pH 10 or above is not recommended.

### Safety Data Sheets (SDS) are available upon request.

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