



# Product Information

[www.miller-stephenson.com](http://www.miller-stephenson.com)

## MS-789 Specialty Vapor Degreasing Solvent

### Description:

MS-789 is a high purity, superior solvent for heavy duty cleaning of industrial soils, such as mineral oil, vacuum oil, wax and heavy grease. It is ideally suited for removing ionic salts, organic flux residues, and water residues. It replaces n-PB and trichloroethylene in many vapor degreasing applications. MS-789 is specifically formulated as a high utility and efficient vapor degreasing solvent with its high  $K_b$  value (cleaning efficiency), high solvency, low surface tension and nonflammable characteristics.

### Advantages:

- Evaporates quickly; Leaves no residue
- High Cleaning Efficiency ( $K_b$  value)
- 100% Nonflammable; Low VOC
- Ideally suited for vapor degreasing applications
- Compatible with most plastics, elastomers and metals
- Chemical and thermal stability

### Properties of Solvent:

Liquid density.....	1.27 g / mL
Boiling point.....	114°F / 45.9°C
Vapor pressure.....	57.9 kPa
VOC Content.....	875.7 g / L
GWP.....	264
Cleaning Efficiency ( $K_b$ Value).....	71.5

### Plastic Compatibility:

(Immersion: 15 Minutes at Room Temperature)

- Acetal
- Polypropylene
- Polyester, PBT, PET
- Polysulfone, PSO
- Polyimides
- Phenolic
- Polyethylene
- LiquidCrystal Polymer
- Epoxy
- PEK, PEEK
- PTFE
- Polyvinyl chloride

**Note:** Test for compatibility before use.

### Elastomer Compatibility:

(Immersion: 15 minutes at Room Temperature)

- Butyl Rubber\*
- Polysulfide\*
- Buna S\*
- Neoprene\*
- Chlorinated PE
- Fluoroelastomer
- Natural Rubber
- EPDM
- Buna N
- Urethane
- Silicone

\*Swelling, but with low extractables.

Elastomer swelling and shrinking will, in most cases, revert to within a few percent of original size after air drying. Swell, shrinkage, and extractables are strongly affected by the compounding agents, plasticizers, and curing used in the manufacture of the elastomers. Test for compatibility before use.

### Metal Compatibility:

(2 weeks at 212°F/100°C in sealed tubes)

- Aluminum
- Copper
- Iron

**Note:** Test for compatibility before use.

**Safety Data Sheet (SDS) is available upon request.**

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[www.miller-stephenson.com](http://www.miller-stephenson.com)

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