

# SAMSOL<sup>®</sup> MC

## Technical Data Sheet



**Banner Chemicals Group UK**  
Flying the flag of excellence for over 150 years

**SamSol<sup>®</sup> MC** is a highly stabilised chlorinated solvent cleaner designed for use in both 'open-top' and closed vapour degreasing applications. This proprietary cleaner is based on Methylene Chloride with the addition of alcohol and a unique stabiliser package.

**SamSol<sup>®</sup> MC** is a powerful solvent cleaner. The very high solvency power of this product makes it ideal for cleaning heavy greases, mineral oils and synthetic metalworking fluids and is compatible with a large variety of metals. The additional alcohol acts as a polar solvent and aids the cleaning of any ionic contamination or polar residues.

**SamSol<sup>®</sup> MC** is an alternative to toxic products based on n-PB (n-Propyl Bromide) and other chlorinated solvents where a lower boiling point solvent is preferred. This solvent can also be used to replace Ozone Depleting cleaners.

**SamSol<sup>®</sup> MC** benefits from a unique stabiliser package that protects the solvent from acid breakdown which in turn protects the cleaning equipment and components being processed from rust/damage.

**SamSol<sup>®</sup> MC** has a lower boiling point than other traditional cleaning solvents making it ideal for cleaning temperature sensitive components.

**SamSol<sup>®</sup> MC** is suitable for use in traditional 'open top' equipment as well as modern closed/sealed cleaning equipment. Conversion of 'open top' systems originally designed to use other solvents to this product is very simple and cost effective.

**SamSol<sup>®</sup> MC** can be used to clean light soils in a vapour only process or heavier soils in a liquid/vapour process incorporating an immersion phase. The use of ultrasonic agitation can improve cleaning results.

**SamSol<sup>®</sup> MC** is available in free standing drums and also contained within in SolveCare<sup>™</sup> Sealed Delivery System. This closed loop delivery system ensures ease of handling and reduced chance of solvent exposure to operators & the surrounding environment.



### FEATURES & BENEFITS

- **High Solvency Power**
- **Low Boiling Point**
- **Low Surface Residue**
- **Non Flammable**
- **No Flash Point**
- **Fast Dry Time**
- **Short Process Time**
- **Suitable for 'Open Top' equipment**
- **Available in SolveCare<sup>™</sup> Sealed Delivery System**

### SOILS REMOVED

- **Greases**
- **Mineral Oils**
- **Synthetic Oils**
- **Rust Inhibitors**
- **Lubricating Oils**
- **Particulate Matter**

### ENVIRONMENTAL PROPERTIES

- **Zero Ozone Depletion Potential (ODP)**
- **Low Global Warming Potential (GWP)**
- **Reduced Carbon Footprint**





## TYPICAL PROPERTIES\*

Appearance.....	Clear & Colourless Liquid
Odour.....	Ether
Solubility Description.....	Slightly Soluble in Water
Specific Gravity.....	1.27-1.28 @ 20°C
Vapour Pressure (P in mm Hg).....	355 @ 20°C
Odour Threshold (Lower).....	200ppm
Auto Ignition Temperature (°C).....	230
Boiling Point (°C).....	38-40
Kauri-Butanol Value.....	134
Vapour Density.....	2.93
Flash Point (°C).....	None

\*Typical Properties data is not intended for specification purposes.

**STORAGE:** May attack some plastics, rubber and coatings. Store in closed original container in a dry place. Store in a cool and well-ventilated place. Store separated from: Aluminium its alloys. & acids. Protect from light, including direct sunrays.

**SHELF LIFE:** Minimum 24 months.

**PACKAGING:** 10L can, 20L can, 200L drum, SolveCare™

**SAFETY:** Please see Safety Data Sheet for further information.

**DISPOSAL:** Banner Chemicals can offer disposal of used solvent at a reduced fixed rate. Please contact your Banner representative for further information. Alternatively Banner Chemicals recommends contacting your current or local environmental service company for disposal of this product.

## Environmental Policy

It is the aim of the Banner Chemicals Group to provide their customers the finest quality products and services whilst operating to the highest Health & Safety standards and minimising the impact on the Environment. This is obtained through an Integrated Management System (IMS). This system meets and where possible exceeds, the requirements of International Standards, ISO 9001:2008 (Quality), ISO 14001:2004 (Environmental) and OHSAS 18001:2007 (Health & Safety) The company is committed to preventing pollution by ensuring that its products are developed, handled, transported, used and disposed of safely and in compliance with relevant Environmental & Health & Safety Legislation, the CBA's Responsible Care Programme, Product Stewardship and Industry Codes of Practice.

\*\*Datasheet based on EU Regulation.

\*\*\*SamSol<sup>®</sup> is a registered trade name of Samuel Banner & Co Ltd.

