

TOPKLEAN™ MC 1007

SOLVENT FOR DEGREASING
COMPATIBILITY WITH ALL METALS, GLASS AND CERAMIC
CO-SOLVENT PROCESS

BENEFITS

PERFORMANCE & REALIBILITY	<ul style="list-style-type: none"> • Homologated by SAFRAN: DMP13-300 • Alternative to chlorinated solvents, mainly the trichlorethylene. • Effectively removes whole oils thanks to the aliphatic hydrocarbons that compose it, tough residues such as dried or cracked grease and polishing pastes thanks to its operating temperature, up to 82 ° C. • Will not harm most plastics and elastomers or painted surfaces. • Intermediate cleaning before heat treatment, final cleaning during production, assembly or maintenance.
COST	Low consumption of the product in vacuum process.
OTHER APPLICATIONS	Corrosion inhibitor non film-forming and temporary protection

PHYSICOCHEMICAL DATA

SPECIFICATIONS	VALUES	METHODS
Appearance	Colorless	Visual
Density at 20°C (Kg/m ³)	800	ASTM D 4052
CHARACTERISTICS	VALUES	METHODS
Molecular weight	194 g/mole	Calculated
Flash point (PMCC)	97 °C	ASTM D93
Viscosity at 25°C	2.8 mm ² /s	ASTM D 445
Refractive index at 20°C	1.446	ASTM D1218
Vapour pressure at 20°C	0.1/1 hPa	No standard method
Surface tension at 20°C	27 mN/m	ASTM D 971
Latent heat of vaporization at boiling point	350 kJ/kg	Calculated
Heat conductivity at 20°C	0.14 W/m.K	Calculated
Specific heat at 20°C/50°C	2.0/2.1 kJ/kg.K	Calculated
Distillation interval	225-305 °C	ASTM D 1078
Relative evaporation rate	< 0.01 nBuAc=1	ASTM D 3539
Dielectric rigidity	200 kV/cm	DIN/VDE 0370/5
Miscibility in water	non miscible	-

PROCESS PARAMETERS*

CLEANING	Method: Vapour phase machine for co-solvent process with ultrasounds. Concentration: pure
RINSING	Can be rinsed with products from the range Promosolv™ or Novect™ .
DRYING	Drying may be accelerated with compressed air free of oil, hot air or using products from the range Promosolv™ or Novect™ .
OBSERVATIONS	Example of use: in common machines by normal spraying or forced spraying by immersion, the parts being placed on a turntable in the cabin and cleaned by the heated liquid.

*The parameters will depend on such factors as operating conditions, cleaning time and the nature of contaminants

INVENTEC assists you in the study of the compatibility of pollutants with the product and in the process definition adapted to your need.

PACKAGING TYPE

Ref.	Capacity
14534	4 L
14535	21 L
14536	200 L

STORAGE & VALIDITY

Store in closed container. Can be stored in mild steel drums, steel or polypropylene.
Storage life: 18 months.

HSE

TOPKLEAN™ MC 1007 has a very low impact on environment and generates low emissions at use temperature. It has no ozone depleting potential; it is not miscible to water and decomposes biologically.

After use, it can be recovered and easily removed as waste oils whole.

Provide gloves and suitable safety glasses when handling.

Comply with the MSDS for use of the product.

ENVIRONMENTAL DATA	VALUES
Emission by m ² of the bath (20°C/50°C) (calculated)	1.7/40 g/h.m ²
Ozone depletion potential (ODP)	0
Greenhouse effect (GWP)	N/A
TOXICITY	
Mean Exposure Values MEV/ 8h	> 500 ppm
VOC	NO

This data is based on information that the manufacturer believe to be reliable and offered in good faith. In no event will INVENTEC be responsible for special, incidental and consequential damages. The user is responsible to the Administrative Authorities (regulations for the protection of the Environment) for the conformity of his installation.

BRY-FP-577