

TOPKLEAN™ MC 20C



FEATURES

Used for all industrial fields, **TOPKLEAN™ MC 20C** is a fluid specially formulated for **cleaning** and **precision degreasing for High-Tech mechanics**.

TOPKLEAN™ MC 20C is a concentrated oxygenated polar compounds based product with a very good viscosity and a light odour. **TOPKLEAN™ MC 20C** is a very efficient cleaning agent, when used in **immersion**, with **ultrasonic** or **sprays under immersion**.



TOPKLEAN™ MC 20C removes oils, greases, different residues, shavings and finger prints on all kind of materials.

Due to its total solubility with water, it can be used as a complement of a dewatering product from the Topklean range, for parts with complex shapes having zones of water retention.

SPECIFICATIONS

Characteristics	Units	Methods	Values
Aspect		visual	colourless
Density (at 20°C)	kg/m ³	ASTM D 4052	960

Types	Units	Methods	Values
Flash point (PMCC)	°C	ASTM D 93	85
Vapour pressure (at 20°C)	hPa	no standard method	0.6
Surface tension (at 20°C)	mN/m	ASTM D 971	23
Latent heat of vaporization at boiling point	kJ/kg	Calculated	320
Heat conductivity (at 20°C)	W/m.K	Calculated	0.13
Specific heat (at 20°C/50°C)	kJ/kg.K	Calculated	2.0/2.1
Distillation interval	°C	ASTM D 1078	184-197
Relative evaporation rate	nBuAc=1	ASTM D 3539	0.04
Dielectric rigidity	kV/cm	DIN/VDE 0370/5	200
Solubility in water	-	-	Soluble
Viscosity (at 25°C)	mm ² /s	ASTM D 445	4.1

PACKAGING TYPE

Packaging types of 20 l and drums of 200 l available.

STORAGE & SHELF LIFE

Storage containers can be of soft steel, stainless steel or polyethylene. Please avoid contact with eyes and skin. For further information, please refer to Material Safety Data Sheet.

Keep all products in closed packaging.
Shelf life: 18 months.

PROCESS PARAMETERS

TOPKLEAN™ MC 20C can be used in cleaning machines such as pulverisation, immersion, sprays under immersion and with ultrasonic. It is possible to use it in different processes and it can be rinsed with other INVENTEC's products like NOVEC™ or PROMOSOLV™ range or with a semi-aqueous process.

Besides a great cleaning efficiency, its low evaporation provides a low product consumption leading to a long lifetime of the sumps.

Maximum application temperatures can go up to 70°C. It is important to select the method and/or the cleaning machine the most appropriated in order to satisfy all cleaning requirements.

HSE

Types	Units	Values
Environmental data	-	-
Ozone depletion potential	ODP	0
Global warming potential	GWP	N/A
Toxicity	-	-
Exposure average : 8h	VME ppm	> 500
VOC	-	YES

No R phrases

No S phrases

TOPKLEAN™ MC 20C is not considered as a flammable product, but nevertheless as combustible. In regular conditions of implementations, it can be used safely for the operator, the equipment, the workshop and environment. Before using **TOPKLEAN™ MC 20C**, please refer carefully to the Material Safety Data Sheet. All appropriated security measures regarding fire and explosion risks must be taken. During handling or exposition to the product, the individual protection recommended by the Safety Data Sheet must be worn.

For end-of-life products, please refer to our service sheet [Ecoprogram solvants](#).

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.

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