

IMPASOL® HCA RAPID

**STRONG QUICKLY EVAPORATING LIQUID „ESPECIALLY FOR SURFACE PREPARATION BEFORE THE NEXT APPLICATION“
ECONOMIC – DEPENDING ON THE DEGREE OF POLLUTION CAN BE DILUTED WITH WATER
REMOVES POLLUTION, OILS, LUBRICANTS, UNPOLYMERIZED COLORS, RESINS AND ADHESIVES**

Fast degreasing and removing liquid water-soluble for industry and engineering

IMPASOL® HCA RAPID is specifically developed as **FAST SAFETY DEGREASER**. It replaces hazardous, **FLAMMABLE**, irritant, toxic and carcinogenic diluents and degreasers. Removes and degreases mineral, vegetable and animal lubricants, oils, preservative oils and waxes, non-polymerised adhesives, inks, paints, putties and heavily removable dirt before the next surface treatment.

IMPASOL® HCA RAPID solves toxicologic and environmental problems. **Refuse for degreasers like is trichlorine, perchlorine, acetone, alcohol (isopropyl alcohol), benzines and diluents.** Its use avoids poisoning, hazardous and flammable diluents. We guarantee, that it does not contain methylenechlorid, perchlorethylen, trichlorethylen, HCFC 141 B.

IMPASOL® HCA RAPID is non-residue degreaser with high degreasing power, with **FAST** evaporation (6-9min.) and significant improvement surface adhesion, unique surface tension.

IMPASOL® HCA RAPID IS VERY WELL BIODEGRADABLE. Significantly improves security and working conditions and protects the environment.

BENEFITS

- NON-FLAMMABLE**
- Ideal evaporating rate**
- Anticorrosive**
- Compatible with most plastics and elastomers**
- Guaranteed without poisonous, carcinogenic and toxic substances**
- Extreme removal power**
- Unique surface tension**
- Non-residue degreaser**
- Without aggressive odor**

IMPASOL® HCA RAPID HAS NOT ANY CLP SYMBOL !!!



IMPASOL® HCA RAPID

Combustibility. HAS flash-point (<60°C) in closed container according to ISO 2719.

Odor. IMPASOL® HCA RAPID is without aggressive odor has mild citrus odor. Has not any acrid and irritant odor like chlorinated solvents. IMPASOL® HCA significantly improves ergonomic conditions in confined and unventilated spaces.

Evaporation rate. IMPASOL® HCA RAPID has evaporation rate practically identical like is evaporation rate of benzene. At room temperature it evaporates less and the loss due to evaporation is minimal. IMPASOL® HCA RAPID is isotropic and its evaporation rate is constant.

Dissolving power. With KB index 110 IMPASOL® HCA RAPID excellent dissolves most of the oils and lubricants.

Thinner	Evaporation rate	Dissolving power	Volume VOC/TOC	Odor	Flash-point	Noxiousness
IMPASOL® HCA RAPID	6 - 9 min	++++	0	Citrus odor	<60°C	HAS NOT
Technical petrol	7 min	+++	0,85	Extra high	- 11°C	R 11, 36/38, 51 toxic, 65, 67
Acetone	50 sec	+++	0,99	Extra high	- 18°C	R 11, 36, 66, 67
MEK	1 min 20	++	0,997	Extra high	-9°C	R 11, 36, 66, 67
Toulene	4 min	+++	0,913	Extra high	4°C	Carcinogenic R 40, banned by REACH
Xylene	10 min	++	0,905	High	24°C	Harmful for inhalation R 10, R20/21, R38
Perchlorethylen e	8-10 min	+++	0,999	High	Without	Carcinogenic R 40, banned by REACH
Trichlorethylen e	4 min	+++	0,97	High	Without	Carcinogenic R 40, banned by REACH

Compatibility. IMPASOL® HCA RAPID has low surface tension (less than 27 dyn/cm). It has extremely good surface wettability. This property plus high degreasing capabilities make this product very economically usable.

DEGREASING. IMPASOL® HCA RAPID is excellent solvent for pure or emulsion oils, whether mineral or synthetic, which are used to lubricate or modify metals. It is ideal for removing greases and fats. It removes residues of adhesives from the tapes. It removes some incompletely dried colors. IMPASOL® HCA RAPID extremely quickly removes oil or wax preservative products used for temporary protection.

It is especially suitable for surfaces prepared for painting or coloring.

CLEANING. IMPASOL® HCA RAPID replaces dangerous acetones and benzines in many cleaning applications. Thanks its power is excellent for dilution, removal and cleaning printing liquid colors for screen printing.

IMPASOL® HCA RAPID is used for cleaning all surfaces from organic or inorganic pollution before construction, storage, before surface treatment chemical or electrochemical, before gluing or coloring, before chemical or electrochemical surface treatment.

IMPASOL® HCA RAPID is very effective in:

● **ENGINEERING**

- degreasing and cleaning surfaces before the next surface treatment (coloring, painting, enameling, plastic coating, etc.)
- excellent solvent for oils, lubricants (even ANTISEIZ and silicones), preservative oils and waxes

● **PLASTICS INDUSTRY**

- non-residue ceaning and degreasing forms from preservative oils and waxes
- removing decal colors

● **PREPARATION OF SURFACES BEFORE DYEING, GLUING AND BEFORE APPLICATION LUBRICANTS**

- Guarantees non-residue surface cleaning before the next treatment
- Significantly increases adhesion to surface
- Can be used for the preparation surfaces from metals, plastics, composites and elastomers
- Ideal for removal organic and inorganic prints before the next treatment
- Does not contain any stabilizer and does not cause surface oxidation

IMPASOL® HCA RAPID is used clean, cold. **IMPASOL® HCA RAPID** is applied with cloth, brush, spraying. Time of surface cleaning depends on the nature of the deposit, which needs to be removed and on its thickness.

Using **IMPASOL® HCA RAPID** does not require any subsequent investment to expensive washing line, security measures, special warehouses of flammable and corrosives, etc..

METHOD OF USE

Cloth Tampon Brush Low-pressure spraying

CHARACTERISTICS	NORM	VALUE	UNIT
Look	Visually	Liquid	
Color	Interne CQ 016	Transparent	
Test - Cooper plate corrosion 100 h in 40°C	ASTM D 130	1a	Record
Physical state	Visually	Liquid	
Water dilutability		YES	
Index KB, the ability of the solvent	ASTM D 1133	110	[bonitace]
Volume VOC		0,496	kg/kg
Volume TOC		0,252	kg/kg
Density at 25°C	EN ISO 12 185	952	kg/m ³
Flash-pint in closed container	ISO 2719	<60°C	°C
Burning point		82°C	°C
Freezing point	ASTM D 97	-25	°C
The residue after evaporation	ASTM D 1209	0	%
Surface tension at 20°C	ISO 6295	27	Dynes/cm
Viscosity at 25°C	ASTM D 445	0,916	mm ² /s
Evaporation rate	NF T 30 301	6-9	minutes

PACKAGING : 200 and 1000 liters

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