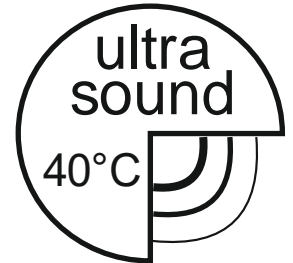


IMPASOL[®] HCA IPA

QUICKLY FLUID LIQUID, SPECIALLY DEVELOPED FOR PREPARING THE SURFACE BEFORE ADDITION AND FINAL CLEANING. REMOVES POLLUTION, OIL, LUBRICANTS IS ECONOMIC, CAN BE DILUTED WITH WATER - ACCORDING TO POLLUTION LEVEL REPLACES ISOPROPYL ALCOHOL, ALCOHOLS AND LIQUIDS

Fast degreasing fluid for industry, engineering and Electronics



IMPASOL[®] HCA IPA is specifically developed as a QUICK SAFE CLEANER. Removes and degreases mineral, vegetable and animal lubricants, oils, preserving oils and waxes, "transport film" and handprints before further surface finishing and final cleaning.

IMPASOL[®] HCA IPA is a residue free degreaser with high degreasing power, FAST evaporation (3-5 min.) And significant improvement in surface adhesion, unique surface tension.

IMPASOL[®] HCA IPA addresses toxicological and environmental problems. It replaces hazardous, FLAMMABLE, irritating, toxic and carcinogenic diluents and degreasers such as alcohol (isopropyl alcohol), petrol and alcohols. Its use prevents contact with toxic, hazardous and flammable solvents . We guarantee that it does not contain methylene chloride, perchlorethylene, trichlorethylene, HCFC 141 B.

IMPASOL[®] HCA IPA IS VERY GOOD BIOLOGICALLY DISABLED. It significantly improves safety and working conditions and protects the environment.

ADVANTAGES

- + **NON-FLAMMABLE**
- + **Ideal evaporation speed**
- + **Water Retraction**
- + **Absolutely no smudges**
- + **Compatible with most plastics and elastomers**
- + **Guaranteed without toxic, carcinogenic**
- + **Removal force**
- + **Unique surface tension**
- + **Residual degreaser**
- + **No aggressive odor**
- + **Not CMR**

IMPASOL[®] HCA IPA HAS NO CLP SYMBOL !!!



Dissolution power: with KB index 55 **IMPASOL® HCA IPA**

excellent dissolves most oils and lubricants.

Solvent	Evaporation rate	Dissolution power	VOC content	Odor	Flash-point	Noxiousness
IMPASOL® HCA IPA	3-5 min	+++	0,08	Citrus scent	<60°C	Does not
Technical petrol	7 min	+++	0,85	Extra strong	- 11°C	R 11, 36/38, 51 toxic , 65, 67
Aceton	50 sec	+++	0,99	Extra strong	- 18°C	R 11, 36, 66, 67
MEK	1 min 20	++	0,997	Extra strong	-9°C	R 11, 36, 66, 67
Toluene	4 min	+++	0,913	Extra strong	4°C	Carcinogenic R 40, prohibited by REACH
Xylen	10 min	++	0,905	Strong	24°C	harmful to inhalation R 10, R20/21, R38
Perchlorethylen	8-10 min	+++	0,999	Strong	NO	Carcinogenic R 40, prohibited dle REACH
Trichlorethylen	4 min	+++	0,97	Strong	NO	Carcinogenic R 40, prohibited dle REACH

COMBUSTIBILITY : Has a flash point (<60 ° C) in a sealed container according to ISO 2719.

ODOR: **IMPASOL® HCA IPA** is odorless. It has no pungent and irritating odor as chlorinated solvents. **IMPASOL® HCA IPA** significantly improves ergonomic conditions in confined and unventilated spaces.

EVAPORATION RATE: **IMPASOL® HCA IPA** has a practical identification evaporation rate as the **ALCOHOL** evaporation rate. **IMPASOL® HCA IPA** is isotropic and its evaporation rate is stable.

COMPATIBILITY: **IMPASOL® HCA IPA** has low surface tension (less than 27 dynes / cm). It has extremely good surface wettability. This feature, together with the high degreasing ability, makes this product very economically usable.

DEGREASING: **IMPASOL® HCA IPA** is an excellent solvent for pure or emulsion oils, as well as mineral, used for the lubrication or treatment of metals. It is ideal for removing fine grease, grease and dirt. Removes adhesive residues from tapes. **IMPASOL® HCA IPA** is particularly suitable for the final cleaning of dyed and sensitive surfaces, including plastics.

CLEANING: **IMPASOL® HCA IPA** Replaces Dangerous Flammable Alcohols and Alcohols in Many Cleaning Applications. **IMPASOL® HCA IPA** is used to clean all surfaces from organic or inorganic contaminants prior to assembly, storage, chemical or electrochemical surface treatment, bonding or dyeing, chemical or electrochemical coating.

CLEANING IN ULTRASONIC HEAT AND COLD: **IMPASOL® HCA IPA** works perfectly in an ultrasonic dishwasher to 40 ° C at 25 or 40kHz. It significantly reduces removal and degreasing times.

IMPASOL® HCA IPA is very effective in:

- **ENGINEERING**
 - FINAL Degreasing and surface cleaning
 - Replacement of flammable cleaners
- **PLASTIC INDUSTRY**
 - all-in-one cleaning and degreasing products
 - removing decal paints on forms

SURFACE PREPARATION BEFORE PAINTING, ADHESIVE AND BEFORE APPLICATION LUBRICATION

- It guarantees a complete cleansing of the surface before further processing
- Significantly increases surface adhesion
- It can be used to prepare surfaces from metals, plastics, glass, composites and elastomers
- Ideal for removing organic and inorganic traces before further processing
- It contains no stabilizer and does not cause surface oxidation

IMPASOL® HCA IPA is used clean, cold. **IMPASOL® HCA IPA** is applied with a cloth, brush, spray. The surface cleaning time (time) depends on the nature of the deposit to be removed and its thickness and, if applicable, in the ultrasonic washer up to 40 ° C at 25 or 40kHz. The use of **IMPASOL® HCA IPA** does not require any subsequent investment in costly washing lines, precautions, specialty combustibles and caustics, etc ..

METHOD OF USE

Cloth Tampon Brush Low pressure spraying Ultrasound

CHARACTERISTICS	NORM	VALUE	UNITS
Appearance	Visually	Liquid	
Colour	Interne CQ 016	Transparent	
Test – copper plate corrosion 100 h v 40°C	ASTM D 130	1a	Record
Physical state	Visually	Liquid	
Water diluability		ANO	
Index KB, solvent ability	ASTM D 1133	55	[bonitace]
VOC content		0,08	kg/kg
Density at 25°C	EN ISO 12 185	982	kg/m ³
Flash point in closed container	ISO 2719	<60°C	°C
Freezing point	ASTM D 97	-5	°C
Residue after evaporation	ASTM D 1209	0	%
Surface tension at 20°C	ISO 6295	27	Dynes/cm
Viscosity at 25°C	ASTM D 445	0,986	mm ² /s
Evaporation rate	NF T 30 301	3-5	minut

PACKAGING: 20, 200 a 1000 of liters

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