

# IMPASOL<sup>®</sup> HCA SOLAR

**SGRASSANTE E RIMUOVI SPORCO POTENTE E RAPIDO  
DA PANNELLI E PELLICOLE SOLARI, PANNELLI FOTOVOLTAICI, DISPOSITIVI  
OTTICI, DI RILEVAMENTO, MISURAZIONE E RILEVAZIONE E SENSORI  
RIMUOVE BIOINCROSTAZIONI, CERE, OLI, LUBRIFICANTI, RESINE, ADESIVI E  
ALTRI CONTAMINANTI DIFFICILI DA RIMUOVERE.  
SOSTITUISCE DIRETTAMENTE I DILUENTI E GLI SGRASSATORI INFIAMMABILI,  
PERICOLOSI, TOSSICI E CANCEROGENI.**

**IMPASOL<sup>®</sup> HCA SOLAR** is developed as an absolutely safe degreaser, replacing dangerous, HORRIBLE, irritating, toxic and carcinogenic thinners and degreasers. Replaces degreasers such as alcohol (isopropyl alcohol), gasoline and thinners. Degreases surfaces contaminated with mineral, vegetable and animal lubricants, oils, preservative oils and waxes. Removes adhesives and other hard-to-remove contaminants.

**IMPASOL<sup>®</sup> HCA SOLAR** is a residue-free degreaser with high degreasing power, optimal evaporation (10-15 min.) and significant improvement in optical properties. It is characterized by a unique surface tension and improved surface adhesion.

**IMPASOL<sup>®</sup> HCA SOLAR** solves occupational, toxicological and environmental problems. Its use avoids toxic, hazardous and flammable diluents. Guaranteed to be free of methylene chloride, perchloroethylene, trichloroethylene, HCFC 141 B.

**IMPASOL<sup>®</sup> HCA SOLAR IS HIGHLY BIODEGRADABLE IN A SHORTENED TIME!!** Significantly improves safety and working conditions and protects the environment.

- **NON-FLAMMABLE**
- **Extreme removal power**
- **Ideal evaporation rate**
- **Unique surface tension**
- **No aggressive odor**
- **Residue-free degreaser**
- **Compatible with most plastics and elastomers**
- **Anti-corrosive**
- **Free of poisonous, carcinogenic and toxic substances**
- **Enhances optical properties**

**IMPASOL<sup>®</sup> HCA SOLAR HAS NO CLP SYMBOL OR H-LABEL.**

**It does not endanger health by inhaling hazardous substances, does not irritate the skin.**

**It does not endanger nature and ensures an absolutely safe working environment.**



**Dissolving power:** With a KB index of 90, it dissolves most oils and lubricants.

**Flammability:** It has NO flash point in a closed container according to ISO 2719. It is ideal where there is a risk of ignition at high temperatures and where fire would cause extensive damage.

**Odour:** It has a slight citrus smell. It does not have a pungent and irritating smell like chlorinated solvents. **IMPASOL® HCA SOLAR** significantly improves ergonomic conditions in confined and unventilated spaces.

**Evaporation rate:** The evaporation rate is virtually identical to that of xylene. It evaporates less at room temperature and the evaporation loss is minimal. HCA SOLAR is isotropic and the evaporation rate is constant.

**Compatibility:** It has low surface tension (less than 27 dynes/cm). It has extremely good surface wettability. This property, together with its high degreasing ability, makes this product very good economically.

**Degreasing:** It is an excellent solvent specifically for biological soils, waxes, animal, vegetable, mineral and synthetic oils, without changing the refraction of light. It is ideal for the removal of lubricants and grease. It removes adhesive residues from tapes and some not fully dried paints. Removes oil or wax protection products used for temporary protection extremely quickly.

**Cleaning:** Replaces hazardous gasolines in many cleaning applications. Used for cleaning solar panels and films, photovoltaic panels, optical, sensing, measuring and detection equipment and sensors from organic or inorganic contaminants /pollen, dust, bird droppings, wax coating from bees, grease, chemicals from exhalations,etc/. It guarantees residue-free cleaning of the surface and thus increases the efficiency of the equipment. Significantly increases the efficiency of special surfaces (e.g. nano glass protection). Unlike aqueous solutions, it is effective even at very low temperatures. It can also be used for surface preparation of metals, plastics, composites and elastomers. It contains no stabiliser and does not cause surface oxidation. Does not contain oily detergents.

**IMPASOL® HCA SOLAR** can be used pure or diluted with distilled water, cold or hot up to 50°C. It is applied with a microfiber, brush or brush and low pressure spray. Surface cleaning time depends on the temperature, the nature of the deposit to be removed and its thickness.

**METHOD OF USE:** Microfiber, Swab, Brush, Low pressure spray

CHARACTERISTICS	STANDARD	VALUE	UNIT
Appearance	Visually	Fluid	
Colour	Interne CQ 016	Transparent	
Test - Copper plate corrosion 100 h at 40°C	ASTM D 130	1a	Record
Dilution by water		YES	
KB index, solvent ability	ASTM D 1133	90	[bonitace]
Density at 25°C	EN ISO 12 185	952	kg/m <sup>3</sup>
Flash point in closed container	ISO 2719	NOT	°C
Boiling point		More than 100	°C
Freezing point	ASTM D 97	-25	°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	0,916	mm <sup>2</sup> /s
Evaporation rate	NF T 30 301	10-15	minutes

**Packaging:** 20, 200 a 1000 L

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