

IMPASOL® GREEN

REMOVES DIRT, OILS, LUBRICANTS AND ADHESIVES
REPLACES TOLUENE, CLEANING PETROL, ACETONES AND
THINNERS
IDEAL FOR ULTRASONIC CLEANERS, BATHTUBS AND SPRAY
WASHERS
DESIGNED SPECIFICALLY FOR SURFACE TREATMENT BEFORE
SUBSEQUENT APPLICATION
ECONOMICAL - DEPENDING ON THE DEGREE OF SOILING, IT CAN
BE DILUTED WITH WATER

IMPASOL® GREEN has been specifically developed as a **SAFE DEGREASER**. Removes and degreases from mineral, vegetable and animal lubricants, oils, preservative oils and waxes and difficult to remove contaminants before further surface treatment.

Substitutes degreasers such as petrol based cleaners, caustic detergents, acetone, ethanol/isopropyl alcohol and thinners.



IMPASOL® GREEN is a residue-free degreaser with high degreasing power (KB index of 90), optimal evaporation (10-12 min.) and a significant improvement in surface adhesion with a unique surface tension. **It is readily biodegradable.** Significantly improves safety and working conditions and protects the environment.

- ✓ **NON-FLAMMABLE**
- ✓ **Ideal evaporation rate**
- ✓ **Low VOC - 0.15**
- ✓ **Compatible with most plastics and elastomers**
- ✓ **High removal force**
- ✓ **Unique surface tension**
- ✓ **Residue-free degreaser**
- ✓ **No aggressive odour**

IMPASOL® GREEN HAS NO CLP SYMBOL!!!

It does not pose a health hazard by inhaling hazardous substances, does not irritate the skin. It does not pose a threat to nature, does not cause climate change and provides a perfectly safe working environment.



Flammability: DOES NOT have a flash point in closed cup according to ISO 2719. Consequently, it is ideal where there is a risk of ignition at high temperature and where a fire would cause enormous damage.

Odour: No aggressive odour. It does not have a pungent or irritating smell like chlorinated solvents. Significantly improves ergonomic conditions in confined and unventilated spaces.

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

Dissolving power: With a KB index of 90, it is excellent at dissolving most oils and lubricants.

| Thinner | Evaporation rate | Dissolving power | VOC content | Odour | Flash point |
|-----------------------|------------------|------------------|-------------|----------------|-------------|
| IMPASOL® GREEN | 10-12 min | ++++ | 0.15 | neutral | NONE |
| Cleaning petrol | 7 min | +++ | 0.85 | very pervasive | -11 °C |
| Acetone | 50 sec | +++ | 0.99 | very pervasive | -18 °C |
| MEK | 1 min 20 sec | ++ | 0.997 | very pervasive | -9 °C |
| Toluene | 4 min | +++ | 0.913 | very pervasive | 4 °C |
| Xylene | 10 min | ++ | 0.905 | pervasive | 24 °C |

Compatibility: It has low surface tension (less than 27 dynes/cm) and extremely good surface wettability. This property together with the high degreasing ability makes this product highly economically viable.

Degreasing: Excellent solvent for pure or emulsion oils, either mineral or synthetic, that are used for lubrication or treatment of metals. It is ideal for removing fats and lubricants. Removes adhesive residue from tapes and some types of not fully dried paint. Removes extremely quickly oil or wax protection products used for temporary protection. It is particularly suitable for surfaces treated and ready for painting or varnishing.

Cleaning: Replaces hazardous petrol in many cleaning applications. Its strength makes it excellent for removing any contaminants. It is used to clean all types of surfaces from organic or inorganic contamination before assembly, storage, chemical or electrochemical surface processing, before bonding or painting, and before chemical or electrochemical surface treatment.

HOT AND COLD ULTRASONIC CLEANING. Works great in an ultrasonic cleaner up to 60°C at 25 or 40kHz. Significantly reduces the time needed for dirt removal and degreasing.

IMPASOL® GREEN is highly effective in:

- **ENGINEERING**
 - For degreasing and cleaning surfaces before further surface treatment (painting, varnishing, enamelling, plastic coating, etc.);
 - Excellent solvent of oils, lubricants, preservative oils and waxes
- **PLASTICS INDUSTRY**
 - For residue-free cleaning and degreasing of moulds from preservative oils and waxes;
 - For removing decal inks
- **SURFACE PREPARATION BEFORE PAINTING, BONDING AND APPLICATION OF LUBRICANTS**
 - Provides residue-free cleaning of surfaces from traces of organic and inorganic contamination before further processing
 - Significantly improves surface adhesion
 - Suitable for the preparation of surfaces made of metals, plastics, composites and elastomers
 - Contains no stabiliser and does not cause surface oxidation

The use of **IMPASOL® GREEN** does not require any subsequent investment in expensive washing lines, safety measures, special storage of flammable and corrosive substances, etc.

| CHARACTERISTICS | STANDARD | VALUE | UNIT |
|--|----------------|----------------------|--------------------|
| Appearance | visually | liquid | |
| Colour | Interne CQ 016 | transparent | |
| Test - copper plate corrosion for 100 h at 40 °C | ASTM D 130 | 1a | record |
| Physical state | visually | liquid | |
| Dilution by water | | YES | |
| KB index, solvent strength | ASTM D 1133 | 90 | [rating value] |
| VOC content | | 0.15 | kg/kg |
| Density at 25 °C | EN ISO 12 185 | 952 | kg/m ³ |
| Flash point in closed cup | ISO 2719 | NONE | °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 | 0.996 | mm ² /s |
| Evaporation rate | NF T 30 301 | 10-15 | minutes |

INSTRUCTIONS FOR USE:

IMPASOL® GREEN is used pure, cold. The cleaning time depends on the nature of the deposit to be removed. Before use, we recommend performing a test and removing all signs of surface corrosion and oxidation by sanding or wire brushing. Then apply the product to the soiled surface and leave it to work. Dissolved dirt can be wiped off; the best effect is achieved by spraying with pressurised water. The effect is enhanced by breaking up the deposited dirt with a hard tuft or brush, so the solvent can penetrate the surface more easily. Repeat the procedure for heavier soiling. It can be used manually /using a microfibre cloth, brush or by spraying/ or in an ultrasonic washer up to 60 °C at 25 or 40Hz.

PACKAGING: 5L, 20L, 200L or 1000L canister.

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