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# CATALOG OF IMPASOL PRODUCTS

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CLEANERS, DEGREASERS,  
SOLVENTS, STRIPPERS, REMOVERS



## A COMPLEX RANGE OF PRODUCTS FOR YOUR COMPANY

The company HF servis s.r.o. **was established in 1992** as a trading company. **Today we are the leader in the market with one of the widest range of cleaners, degreasers, solvents and removers.** In the Impasol series, **we offer substitutes for petrol cleaner, toluene, acetone or alcohol. We produce non-flammable, odorless or absolutely safe degreasers and solvents.** We can prepare dishwasher and ultrasonic solvents for you.

We also offer degreasers and solvents **without carbon (VOC) and ecological traces.** The products are designed for **fast and highly efficient** removal of impurities **from metals, plastics, rubber, elastomers, paints, varnishes and coatings.**

Product categories:

1. **Safe substitutes** for acetone, alcohol and aromatic solvents ●
2. **Industrial degreaser** ●
3. **Hybrid – HCA** – hybrid absolutely safe degreaser ●
4. **Solvent** – safe solvents and removers ●
5. **Stripper** – Stripper - special safe paint, varnish and polymer removers ●

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# PRODUCTS OF IMPASOL - IMPORTANT INFORMATION

## Basic information about the product line

Impasol products are produced in accordance with the latest requirements and regulations of **REACH** in the field of safe chemistry, labor regulations and environmental protection.

We are **constantly running safer and more efficient products** according to sustainability and renewable trends and looking for new safe chemicals.

We produce and develop **new safe compounds that are non-flammable, odorless, easily biodegradable, for the environment and for humans health when working with them.**

We market products with **minimal VOC** (volatile organic carbon-carbon footprint).

**We have defeated decades-old beliefs that acetone, white spirit, gasoline and alcohol cannot be replace with safe substitutes.**

**Our products include, for example:**

- odorless safe substitute for acetone with extension for IMPASOL ARED polyurethanes;
- absolutely safe substitute for IMPASOL GREEN petrol cleaner;
- absolutely safe substitute for isopropyl alcohol IMPASOL Bluesolv.

**We prepare safety data sheets ourselves in accordance with the latest REACH regulations** (from 1 January 2020, including UFI codes).

**None of the products in this catalog are CARCINOGENIC, MUTAGENIC or REPROTOXIC.**

**VOC emissions** (volatile organic carbon) **play a large role in the formation of photochemical smog and ground-level ozone and contribute to the global greenhouse effect**, which also negatively affects human health. **That's why we strive for a minimum VOC content, which reduces the carbon footprint.**

## Explanations to the catalog

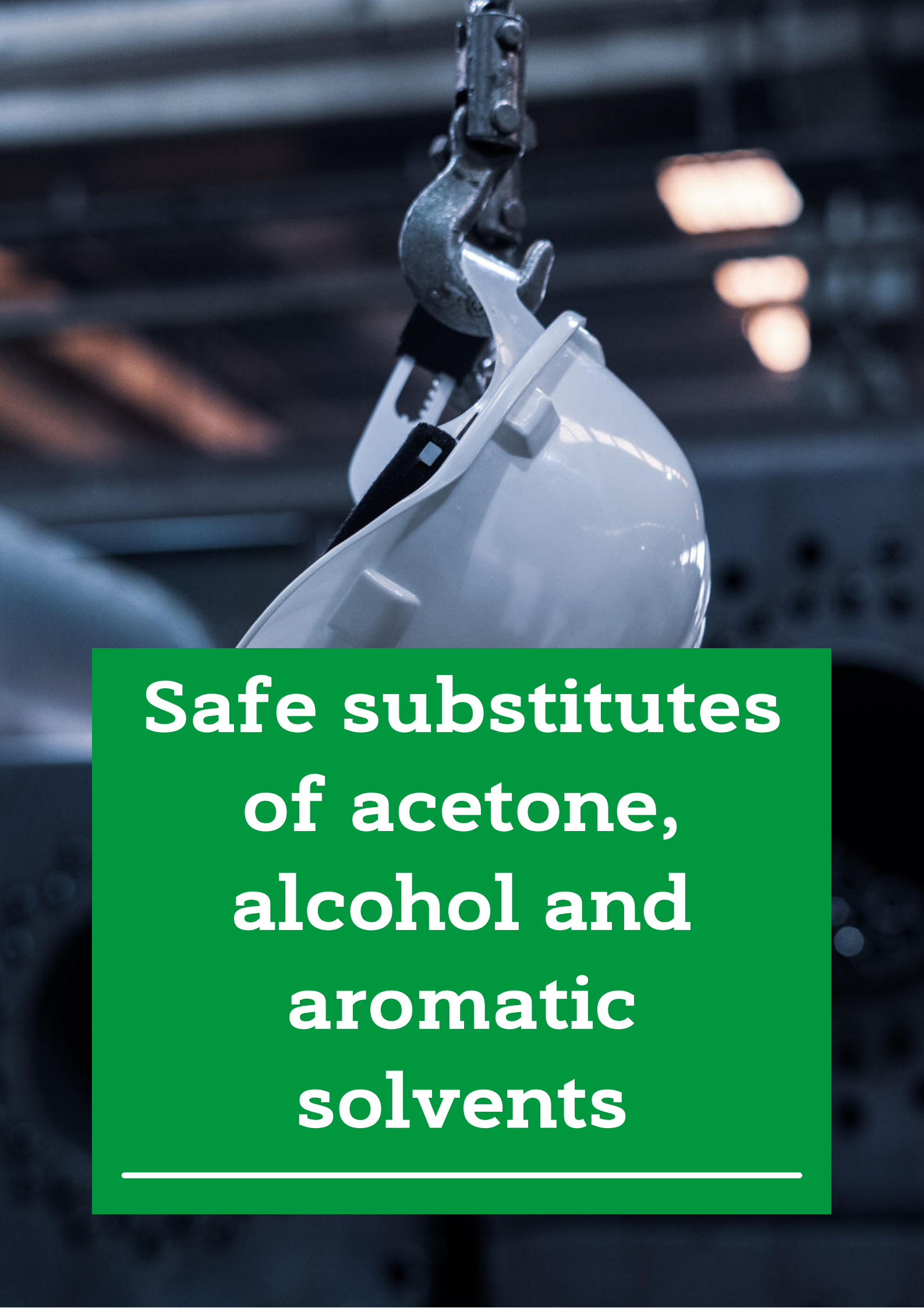


Products marked with this symbol are not dangerous for the environment, we are working on improving them for others.



Symbol indicating suitability for ultrasound with specified temperature.

The KB Index determines the value of the degreasing / removal force. The higher the KB Index, the stronger the degreasing. For comparison - KB Index of White spirit is 32-36.

A close-up photograph of a white, glossy hard hat being held by a metal robotic gripper. The gripper is positioned at the top of the frame, with its mechanical components visible. The hard hat is suspended in the air. The background is a blurred industrial environment with various metal structures and warm, glowing lights, suggesting a factory or manufacturing plant. The overall lighting is dim, with the primary light source being the warm lights in the background.

**Safe substitutes  
of acetone,  
alcohol and  
aromatic  
solvents**

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# SAFE SUBSTITUTES FOR ACETONE

## Reasons, why to use acetone substitutes

We have developed IMPASOL® ACET and ARED products based on the ever-increasing requirements for the replacement of acetone in the industry with a clean and environmentally friendly product, while maintaining the same efficiency and all other parameters, eliminating the harmful effects of acetone on the environment and human health.

The tests performed proved immediate interchangeability of ACET and ARED products for acetone.

They remove uncured paints and varnishes, synthetic, mineral, vegetable and animal lubricants, oils (including preservatives), waxes and hard-to-remove impurities before further surface treatment.

### Products IMPASOL® ACET and ARED:

- they don't have high flammability (ATEX zone);
- they don't create an explosive surroundings;
- they aren't toxic;
- they have low carbon footprint (VOC) and no environmental burden;
- they don't endanger the health of those who come into contact with these products;
- ADR (limited quantity) isn't required during transport and the products don't need to be stored as flammable in the ATEX zone.

**PRODUCTS IMPASOL® ACET AND ARED HAVEN'T ANY OF THESE SYMBOLS !!!**



# SAFE SUBSTITUTES FOR ACETONE

## Impasol ACET

### Safe replacement of acetone, aromat, solvents, gasoline

IMPASOL ACET is an instant replacement for ACETONE and ACETONE DIRECTOR for highly effective removal of paints, varnishes, inks and adhesives used in manufacturing. Ideal for universal removal of resins of any base and its products (paints, inks, adhesives, etc.). It is used to remove a wide variety of coatings, one-part systems, heat curable systems and even UV polymerized systems before the end of polymerization. It excels in extra fast drying, residue-free evaporation (4-8min) and unique surface tension. Significantly improves safety conditions.

**Provides a safe substitute for acetone, aromatics, solvents and gasoline.**

**Contain VOC:** only 79%

**Evaporation:** 4 - 8 min

**KB Index:** immeasurable



5 l, 30 l, 200 l

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## Impasol ARED

### Safe replacement of acetone, polyurethane solvents with minimal odor

IMPASOL ARED is an **immediate replacement for acetone, acetone and polyurethane solvents** for highly effective removal of paints, varnishes, inks and **adhesives** used in production. It is **specially designed for the removal of URETHANE, POLYURETHANE, ISO CYANATE**, acrylic, epoxy, alkyd and polyester bases and products from them (paints, inks, adhesives, etc.).

It's used to remove a **wide variety** of coatings, one-component systems, thermosetting systems and even UV polymerization systems before the end of polymerisation. It excels in extra fast drying, residual evaporation (6-8min) and unique surface tension. It has no aggressive odor. **Significantly improves safety conditions.**

**Provides a safe substitute for acetone, aromatics, white spirit, solvents and gasoline.**

**Contain VOC:** only 79%

**Evaporation:** 6 - 8 min

**KB Index:** immeasurable



5 l, 30 l, 200 l

# SAFE SUBSTITUTES FOR AROMATIC SOLVENTS

## Reasons, why to use aromatic solvents substitutes

IMPASOL GREEN replaces aromatic solvents in degreaser industry, while maintaining the **same effect and all other parameters, but excluding the harmful effects** of technical gasoline on the environment and human health.

### Impasol GREEN:

- non-flammable;
- doesn't create an explosive atmosphere;
- absolutely safe;
- he has minimum carbon footprint (VOC) and no environmental burden;
- doesn't endanger the health of those who come into contact with it;
- ADR isn't required during transport and doesn't need to be stored as flammable.

**PRODUCT IMPASOL® GREEN HAVE NO SYMBOLS !!!!**



## Impasol GREEN

### Absolutely safe, non-flammable, odorless degreaser

IMPASOL GREEN is an absolutely safe, non-flammable, residue-free, degreaser with high degreasing power. **Removes and degreases mineral, vegetable and animal lubricants, oils, preservative oils and waxes and difficult-to-remove impurities** before further surface treatment. It excels in optimal evaporation (10 - 12 min), significant improvement of adhesion to the surface and unique surface tension. It has no aggressive odor. **It's also suitable for ultrasonic applications up to 60 ° C.**

Provides a safe substitute for gasoline cleaners, corrosive detergents, alcohol (isopropyl alcohol) and solvents.

**Contain VOC:** only 15%  
**Evaporation:** 10 - 12 min  
**KB Index:** 90



5 l, 20 l, 200 l

# ABSOLUTELY SAFE SUBSTITUTES FOR FLAMMABLE ALCOHOL

## Reasons, why to use flammable alcohol substitutes

### Impasol Bluesolv

**IMPASOL BLUESOLV** is an absolutely safe direct replacement for flammable, dangerous alcohol.

Removes and **degreases lightly soiled surfaces with mineral, vegetable and animal lubricants, some preservative oils, waxes, transport film and handprints** before further surface treatment and final cleaning. **You can use it in all branches of engineering, electrical engineering, packaging, agricultural and textile industries.**

#### Impasol BLUESOLV is:

- without all CLP symbols;
- absolutely safe for health, odorless;
- 100% biodegradable, isn't hazardous waste;
- gentle on all surfaces;
- optimal evaporation 3-5 min;
- contain VOC only 0,08 (cost reduction and registration of VOC substances - up to 0.1 it has no need to be register);
- effective even at low temperatures unlike aqueous solutions;
- usable in ultrasonic washer  $\leq 40^{\circ}\text{C}$  at frequencies 25 or 40kHz;
- he also washes handprints, doesn't smudge;
- significantly shortens degreasing time;
- comparable purchase price;
- own production - possibility of adjustment according to your requirements.

**Contain VOC:** only 8%

**Evaporation:** 3 - 5 min

**KB Index:** 55



5 l, 20 l, 200 l



**PRODUCT IMPASOL® BLUESOLV HAVE NO SYMBOLS !!!!**



# Industrial degreasers

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# INDUSTRIAL DEGREASERS

## Basic information

This IMPASOL® set is represented by **newly developed products replacing carcinogenic and highly flammable products.**

**They significantly improve economic, working and safety conditions.**

They are designed for **fast and highly efficient impurity removal** from metals, plastics, rubbers, elastomers, paints, varnishes and coatings. **Specially developed to remove oils, petrolatum, grease, carbonized substances, waxes, resins, tar, but also paints, varnishes, etc., used in industry.**

Due to their wettability, optimal evaporation rate and easy application, they have a **much greater degreasing ability than most traditional products.**

**By using them you will avoid toxic, carcinogenic** (H340, 341, 350, 351, 360, 361, 362, 370, 371, 372, 373), **extremely flammable** (H224, 225) **and explosive** (H203, 205) **solvents.** They are anticorrosive and biodegradable.

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## List of IMPASOL® products in this series:

- **Impasol Antisilikon** - fast, residue-free strong degreaser - Super Dry
- **Impasol 2** - quick degreaser
- **Impasol 6** - slow non-flammable degreaser
- **Impasol Ultra** - very strong degreaser / solvent
- **Impasol Speed** - non-flammable degreaser with extra quick evaporation
- **Impasol Hard** - extra strong non-flammable degreaser / solvent
- **Impasol Fast** - extra strong degreaser with fast evaporation - Super Dry
- **Impasol Orange** - emulsion degreaser for painted and sensitive surfaces
- **Impasol Safety** - quick and strong safe DRY degreaser
- **Impasol Odorless** - odorless degreaser

# INDUSTRIAL DEGREASERS

## Impasol ANTISILIKON

### Quick residue - free degreaser - SUPER DRY

IMPASOL® ANTISILIKON is a special degreaser completely **different from conventional hydrocarbons**. It does not contain aromatic benzenes. **It is applicable in all sectors of the automotive, mechanical, electrical, packaging, agricultural and textile industries.**

**It removes dust, wax, grease, oil and silicone perfectly and without residue. Gently and effectively removes grease, dirt from plastics and painted and varnished surfaces** (must test for compatibility). Due to its safe composition, it is also **intended for degreasing machines and machine complexes in industry where it is not classified as a CMR substance** (carcinogenic, mutagenic, reprotoxic).

IMPASOL® ANTISILIKON is a **powerful degreaser before bonding, painting, dyeing or other surface treatments (e.g. galvanizing)**. Suitable for the packaging and processing industry.

#### IMPASOL® ANTISILIKON:

- High drying speed and residue-free evaporation (painting, varnishing)
- Biodegradability (washing in the agricultural industry, degreasing of structures)
- Ideal for quick evaporation degreasing before painting and bonding
- Very strong solvent for most oils (including silicone), greases and petrolatum (including antiseize).
- Uniquely dissolves waxes and resins
- Increases adhesion of paints and varnishes
- High degreasing power
- Anti-corrosive and compatible with most plastics

Evaporation: 4 min

KB Index: 68



5 l, 30 l, 200 l

# INDUSTRIAL DEGREASERS

## Impasol 2 Quick degreaser

IMPASOL 2 is an **absolutely clean, strong residue-free degreaser without an aggressive odor**. Removes dirt, oils, lubricants, silicones and waxes. **Applicable to all types of metals, plastics, rubbers and elastomers, does not damage the surfaces of materials** (does not attack expanded polystyrene). It is characterized by a evaporation rate of 9-10 minutes, it is almost odorless. **It does not irritate the skin, eyes or respiratory system**.

Impasol 2 is anticorrosive, recyclable and biodegradable. Provides replacement for carcinogenic and toxic degreasers such as acetone, toluene, solvents and aromatics.

**Evaporation:** 9 - 10 min  
**KB Index:** 32



5 l, 30 l, 200 l

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## Impasol 6 Slow non-flammable degreaser

IMPASOL 6 is a strong, residue-free, non-flammable degreaser. Removes dirt, uncured paints, oils, lubricants, silicones and waxes. Applicable to all types of metals, plastics, rubbers and elastomers, does not damage the surfaces of materials (does not attack expanded polystyrene). Ideal for degreasing in baths and on tables.

Slower evaporation provides longer time to thoroughly dissolve grease from engines, machinery, and chassis systems. Suitable for settled dirt on large areas. Ideal for ultrasonic cleaning up to 40 ° C. Impasol 6 is almost odorless, anti-corrosive, recyclable and biodegradable. Provides replacement for flammable, carcinogenic and toxic degreasers such as hazardous aromatics, toluene and solvents.

**Evaporation:** 30 min  
**KB Index:** 31



5 l, 30 l, 200 l

# INDUSTRIAL DEGREASERS

## Impasol Ultra Very strong degreaser / solvent

IMPASOL ULTRA is an **extra quick and cold degreasing solvent**. It's **one of the strongest in the IMPASOL series**. Degreases and removes mineral, synthetic, vegetable and animal lubricants, oils, preservative oils and waxes, adhesives, inks, uncured paints, sealants and resins, baked, settled and other hard-to-remove impurities (fuel oil, tar, melting rosin, palm and rapeseed oil). **It even removes burnt and carbonized oils and lubricants**. IMPASOL ULTRA has an ideal evaporation rate. **It's anti-corrosion, recyclable and biodegradable**.

Provides replacement for carcinogenic and toxic degreasers such as perchlor, toluene, xylene, acetone and aromatics.

**Evaporation:** 15 min  
**KB Index:** 90



5 l, 30 l, 200 l

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## Impasol Speed Non-flammable degreaser with extra quick evaporation

IMPASOL SPEED is a non-flammable degreaser with extra quick and residue-free evaporation **for painted and sensitive surfaces**. **Ideal for use in the electronics, optical, plastics and engineering industries**. **Designed for soft impurity cleaning**, cleans very quickly and dry. It's anti-corrosive, excels in excellent evaporation rate - 5 minutes. **Designed specifically for surface preparation before further application**, where it depends on the speed of evaporation and non-flammability. **Removes and degreases mineral, vegetable and animal lubricants, oils, preservative oils and soft waxes, adhesives, inks, uncured paints, sealants and resins and other impurities in solvent layers**. It's also suitable for ultrasonic applications up to 40 ° C.

Impasol SPEED is **odorless, anti-corrosive, recyclable and biodegradable**. Provides replacement for flammable, toxic and carcinogenic degreasers such as acetone, alcohol (isopropyl alcohol), aromatics and solvents.

**Evaporation:** 5 min  
**KB Index:** 34



5 l, 30 l, 200 l

# INDUSTRIAL DEGREASERS

## **Impasol Hard** **Extra strong non-flammable degreaser / solvent**

IMPASOL HARD is an extra strong non-flammable degreaser and solvent both **cold and hot. He is the strongest of the IMPASOL series.** Removes and degreases mineral, synthetic, cutting, silicone, vegetable and animal lubricants and oils, silicone, preservative oils and hard waxes, paraffins, adhesives, inks, paints, sealants, lanolin, resins and hard-to-remove impurities (fuel oil, tar, melting rosin, palm and rapeseed oil). It even removes burnt and carbonized oils and lubricants.

Impasol HARD has no aggressive odor, **it has a unique wettability of 23.2 dynes.** It's anti-corrosion, recyclable and biodegradable. **Provides compensation for flammable, toxic and carcinogenic thinners and degreasers such as perchlor, xylene, toluene, acetone, white spirit, aromatics and solvents.**

**Evaporation:** 15 min

**KB Index:** 117



5 l, 30 l, 200 l

## **Impasol Fast** **Extra strong degreaser with fast evaporation - Super Dry**

IMPASOL FAST is a fast degreaser with a very high degreasing power. **It's one of the strongest in the IMPASOL series.** Removes and degreases mineral, synthetic, silicone, vegetable and animal lubricants, oils, preservative oils and waxes, adhesives, greases, inks, paints, resins, sealants and hard-to-remove impurities (residues of uncured adhesives, sealants, paints and varnishes) **when cold. Designed specifically for surface preparation before further application.**

IMPASOL FAST is **characterized by extra fast evaporation (2-3 min.), Significant improvement of adhesion to the surface and unique surface tension.** It's anti-corrosion, recyclable and biodegradable. **Provides replacement for carcinogenic and toxic degreasers such as acetone, alcohol (isopropyl alcohol), toluene, aromatics, white spirit, perchlorine and solvents.**

**Evaporation:** 2-3 min

**KB Index:** 120



5 l, 30 l, 200 l

# INDUSTRIAL DEGREASERS

## Impasol Orange Odorless degreaser

IMPASOL ORANGE is a **unique quick degreaser** for safe degreasing of plastics and sensitive surfaces. **Its advantage is the microemulsion content of natural terpenes** (a mixture of highly active micro-emulsion first-class citrus oils), which perfectly **remove adhesive residues from tapes, chewing gum, emulsion oils and preservatives, emulsion waxes, water-based greasy impurities.**

IMPASOL ORANGE has optimal evaporation (7-9min). **It has a pleasant orange scent.** It is anticorrosive and biodegradable. **Provides replacement for carcinogenic and toxic degreasers such as perchlor, xylene, acetone, alcohol (isopropyl alcohol), aromatics and solvents.**

**Evaporation:** 7-9 min

**KB Index:** 50



5 l, 30 l, 200 l

## Impasol Safety Quick and strong safe dry degreaser

IMPASOL SAFETY is a **strong, quick, absolutely residue-free and safe degreaser and cold remover.** Its unique **"no residue"** dry formula means that after cleaning, it **simply evaporates**, leaving the surface completely free of impurities.

**Degreases and removes mineral, synthetic, silicone, vegetable and animal lubricants, oils, preservative oils and waxes, adhesives, hot melt adhesives, inks, paints, sealants, resins and hard-to-remove impurities.** It is specially designed for surface preparation before further application. **Suitable for manual degreasing of heavily soiled surfaces.**

IMPASOL SAFETY has an ideal evaporation rate (6-7min) and only a small odor. It is **anti-corrosion, recyclable and biodegradable.**

**Provides compensation for carcinogenic and toxic degreasers such as perchlor, acetone, xylene, MEK, alcohol (isopropyl alcohol), aromatics and solvents.**

**Evaporation:** 6-7 min

**KB Index:** 120



5 l, 30 l, 200 l

# INDUSTRIAL DEGREASERS

## Impasol Odorless 27

### Strong odorless degreaser with optimal evaporation

IMPASOL ODORLESS 27 is an odorless anti-corrosion degreasing solvent designed **for closed, unventilated areas without suction** and where the odor is unacceptable.

**Removes and degreases mineral, synthetic, cutting, vegetable and animal lubricants and oils, preservative oils and waxes, paraffins, adhesives, inks, uncured paints, sealants and resins. Ideal for open washing lines, ultrasonic and spraying lines and large degreasing areas.**

IMPASOL ODORLESS 27 is characterized by **extra low surface tension**, a significant improvement in adhesion to the surface, **unique wettability** and optimal evaporation rate (27min). **It is also suitable for ultrasonic applications up to 40 ° C.**

It is **anti-corrosion, recyclable and biodegradable**. Provides **replacement for carcinogenic and toxic degreasers such as acetone, aromatics, xylene, toluene, trichlor, perchlorine and solvents.**

**Evaporation:** 27 min  
**KB Index:** 45



30 l, 200 l

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## Impasol Odorless 15

### Fast odorless degreaser with fast evaporation

IMPASOL ODORLESS 15 is an **odorless, fast-evaporating**, anti-corrosion degreasing solvent designed **for closed, unventilated areas without suction and where the odor is unacceptable.**

It has the same properties as IMPASOL ODORLESS 27, the **only difference** is in the time of evaporation. **Evaporation rate is 15 minutes.**

**Evaporation:** 15 min  
**KB Index:** 45



30 l, 200 l

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**These two degreasers are ideal for closed or unventilated areas without extraction**

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A close-up photograph of industrial stainless steel equipment, featuring large vertical tanks and a complex network of pipes with various fittings and valves. The scene is brightly lit, highlighting the metallic surfaces.

# Hybrid HCA Hybrid safe degreaser

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# BASIC INFORMATION

## Reasons, why to use Impasol HCA

The IMPASOL® HCA series replaces industrial gasoline during degreasing in industry, while maintaining the same effect and all other parameters, but excluding the harmful effects of aromatic solvents on the environment and human health.

### Products of HCA series:

- non-flammable
- they aren't creating an explosive atmosphere;
- absolutely safe;
- has a minimum carbon footprint (VOC) and no burden on the environment;
- do not endanger the health of those who come into contact with these products;
- ADR is not required during transport and does not need to be stored as flammable.

**PRODUKTY IMPASOL® HCA HAS NO CLP SYMBOLS !!!**



# IMPASOL HCA

## Impasol HCA Absolutely safe degreaser

IMPASOL HCA is an **absolutely safe, non-flammable, residue-free degreaser with high degreasing power**. Degreases contaminated surfaces with mineral, vegetable and animal lubricants, oils, some preservative oils and waxes. **Removes adhesives, inks, paints, sealants, other hard-to-remove impurities.**

It is characterized by **optimal evaporation (10-15min), a significant improvement in adhesion to the surface and a unique surface tension**. It has no aggressive odor. Ideal for **low pressure applications or for suction in high pressure washers**. It is also suitable for ultrasonic applications up to 60 ° C.

**Provides a safe substitute for aromatic solvents, corrosive detergents, acetone, alcohol (isopropyl alcohol) and solvents.**

**Evaporation:** 10-15 min  
**KB Index:** 125



5 l, 20 l, 200 l

## Impasol HCA Rapid Safe and quick Dry Degreaser

IMPASOL HCA RAPID is a **safe, but at the same time strong, fast-evaporating anti-corrosion degreasing liquid**.

Degreases contaminated surfaces with mineral, vegetable and animal lubricants, oils, some preservative oils and waxes. **Removes unpolymerized adhesives, inks, paints, sealants and other hard-to-remove impurities before further surface treatment and final cleaning.**

It is characterized by **optimal evaporation (6-9 min), a significant improvement in adhesion to the surface and a unique surface tension**. It has no aggressive odor. Also suitable for **ultrasonic applications up to 40 ° C**. Provides a **safe substitute for alcohol (isopropyl alcohol), aromatics, acetone and solvents**.

**Evaporation:** 6-9 min  
**KB Index:** 110



5 l, 20 l, 200 l

# IMPASOL HCA

## Impasol HCA IPA

### Absolutely safe non-flammable replacement for alcohol

IMPASOL HCA IPA is a **fast, absolutely safe, non-flammable, residue-free degreaser**. Degreases contaminated surfaces with mineral, vegetable and animal lubricants, oils, some preservative oils and waxes. **It also removes the transport film and handprints before the next surface treatment.**

It is characterized by **rapid evaporation** (3-5min), significant improvement in adhesion to the surface and unique surface tension. **Effective even at low temperatures, unlike aqueous solutions.** It works great in an **ultrasonic dishwasher up to a temperature of 40 ° C.** Provides an **absolutely safe substitute for alcohol, isopropyl alcohol and aromatic solvents.**

**Extremely reduces the carbon footprint, VOC content only 8% !!**

**Evaporation:** 3-5 min  
**KB Index:** 55



5 l, 20 l, 200 l

## Impasol HCA-C

### Degreasing, unrusting, phosphate fluid

IMPASOL HCA-C is a **degreasing, unrusting and passivating absolutely safe, non-flammable liquid.**


Degreases contaminated surfaces with mineral, vegetable and animal lubricants, oils, some preservative oils and waxes. At the same time **it passivates corroded surfaces. It chemically stops corrosion and forms a protective primer coating.** Freshly galvanized surfaces treated with this product can be painted without the use of an additional primer.

**The protective coating strongly strengthens the defenses of other metals (iron, cast iron) against subsequent corrosion.** It is characterized by optimal evaporation (10-15min), a significant improvement in adhesion to the surface and a unique surface tension. **With a single application, it degreases, cuts off and at the same time treats the surface by cold phosphating.**

**Evaporation:** 10-15 min



5 l, 20 l, 200 l



# Impasol Solvents

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# IMPASOL SOLVENT

## Reasons, why to use Impasol Solvent

The IMPASOL® SOLVENT series is developed for **quick and highly efficient removal of all types of paints, varnishes and coatings.**

Products in this line also **remove a wide range of resins (acrylic, vinyl, epoxy, ester, polyurethane, polyester, composite resins, etc.), as well as vinyls, aminoplasts, acrylic. plastics and adhesives, polyesters, phenols, PU foams and adhesives, one-two-three-component epoxy resins, one- and two-component polyurethanes used in industry.**

They are **ideal for highly efficient and economical removal of a wide range of coatings, but are also suitable for two-component systems, composite systems, thermosetting systems and even UV polymerization systems.**

They are **biodegradable, significantly improve safety and working conditions and protect the environment.** By using them, you avoid toxic, dangerous and flammable solvents.

<b>SOLVENT S 10</b>	<b>10 min.</b>	<b>*****</b>	<b>92°C</b>	<b>Gasolines, diluents and aromatics</b>
<b>SOLVENT S 20</b>	<b>15 min.</b>	<b>***</b>	<b>42°C</b>	<b>Acetone, chlorinated diluents, gasolines and aromatics</b>
<b>SOLVENT S 30</b>	<b>5 min.</b>	<b>**</b>	<b>31°C</b>	<b>Acetone, alcohols, benzenes, xylenes and MEK</b>
<b>SOLVENT S 60</b>	<b>60 min.</b>	<b>****</b>	<b>64°C</b>	<b>Dichloromethane, ketones, acetones and aromatics</b>
<b>SOLVENT S 70</b>	<b>8 -10 min.</b>	<b>****</b>	<b>42°C</b>	<b>Dichloromethane, ketones, acetones and aromatics</b>
<b>SOLVENT S 80</b>	<b>150 min.</b>	<b>***</b>	<b>74°C</b>	<b>Dichloromethane, chlorinated diluents, benzenes and aromatics</b>
<b>SOLVENT S 90</b>	<b>6 hodin</b>	<b>*****</b>	<b>56°C</b>	<b>Dichloromethane, chlorinated diluents, gasolines and aromatics</b>
<b>SOLVENT S 95 GEL</b>	<b>6 hodin</b>	<b>*****</b>	<b>56°C</b>	<b>Dichloromethane, chlorinated diluents, gasolines and aromatics</b>
<b>SOLVENT SR</b>	<b>10 hodin</b>	<b>***</b>	<b>32°C</b>	<b>Acetone, chlorinated diluents, gasolines and aromatics</b>

# IMPASOL SOLVENT

## Impasol S10 Non-flammable PU, PUR, PUD and PIR remover

IMPASOL SOLVENT S10 is **ideal for universal removal of resins and PU** on any basis (PU, PUR, PUD and PIR) **and its products** (paints, inks and adhesives).

It ensures **highly efficient and economical removal of a wide range of coatings, one-component systems, thermosetting systems and even systems with PUR and PIR polymerization before the end of polymerization.**

Removes and degreases mineral, vegetable and animal lubricants, oils, preservative oils and waxes, adhesives, inks, paints, sealants, silicones and difficult-to-remove impurities (fuel oil, tar). **Can be diluted with water.** It works great in an ultrasonic dishwasher up to 60 ° C. **Provides a safe replacement for gasoline cleaners, solvents and acetone.**

**Extremely reduces the carbon footprint, VOC content only 7% !!**

**Evaporation:** 10 min  
**KB index:** > 200



5 l, 30 l, 200 l

## Impasol S25 Quick epoxy and urethane remover

IMPASOL SOLVENT S25 is developed as a **fast degreasing solvent for paints, varnishes, polymers and adhesives based on epoxies, urethanes, polyurethanes, urethane-alkyds, polyesters, vinyls.** It also **removes resins used in paints, inks, varnishes and adhesives** very well (it removes adhesives from tapes very well).

Its dissolving power **also removes pigments of a wide range of colors. Allows fast color changes without residual spectrum.** Ideal for cleaning mixers, robots and guns from paints, inks and adhesives.

**Evaporation:** 17 min  
**KB index:** 160



5 l, 30 l, 200 l

# IMPASOL SOLVENT

## Impasol S30

### Remover of cellulose paints, varnishes and adhesives

IMPASOL SOLVENT S30 is an extra fast degreasing solvent **designed especially for cellulose**.

**It replaces diluents based on acetone, isopropyl alcohol, xylene and MEK mixtures. It can be diluted with water.**

Designed for fast and safe removal and degreasing of impurities and **dilution of cellulose products** (paints, inks, adhesives). **It is very effective on water-soluble systems, PVA, hydroxalkyl and carboxyalkyl celluloses, cellulose acetates and nitrocelluloses.** It highly effectively removes a wide range of coatings, one-component systems, heat-cured PVA systems. It is characterized by very fast evaporation. **The product can be rinsed with hot and cold water under low and high pressure, thus reducing economic costs.**

**Odpar: 5 min**  
**KB index: 160**



5 l, 30 l, 200 l

## Impasol S60

### Non-flammable solvent for flushing systems

IMPASOL SOLVENT S 60 is **designed to remove paints, varnishes, inks and adhesives based on resins and polyurethanes used in the production of mixing and dosing systems and tanks that bind to each other.**

**This significantly reduces waste.** It is adapted for **cleaning with a spray or rinsing cleaning machine.**

Due to the slow evaporation, there are minimal evaporation losses. **It works great in an ultrasonic dishwasher up to a temperature of 40 ° C.**

**Evaporation: 59 min**  
**KB index: immeasurable**



5 l, 30 l, 200 l

# IMPASOL SOLVENT

## Impasol S70

### Universal extra fast remover of paints, varnishes, inks, resins and adhesives

IMPASOL SOLVENT S70 is a **universal technical remover of paints, varnishes, inks and adhesives used in production**. Designed for removing resins and urethanes on any base and its products (paints, inks, adhesives).

It replaces technical gasoline, ketones, acetone and other aromatic-based solvents. It effectively removes a wide range of coatings, one-component systems, thermosetting systems and even UV polymerization systems before the end of polymerisation.

**Evaporation:** 9 min  
**KB index:** immeasurable



5 l, 30 l, 200 l

## Impasol S80

### Absolutely safe non-flammable paint, varnish, adhesive and polymer remover

IMPASOL SOLVENT S80 is an extra strong, non-flammable, absolutely safe liquid, removing non-crosslinked polymers, paints, varnishes, adhesives and inks. **It enables the elimination of residual traces of polymers on screws during extrusion, but also on molds, machines or their parts.**

**Efficient, safe and economical removal of a wide range of coatings, contact adhesives, heat-curable systems and even UV polymerization.** Due to the long evaporation, it is **ideal where it is necessary to let the product act for a long time without loss of evaporation. Minimizes evaporation losses.**

**It can be diluted with water. It works great in an ultrasonic dishwasher up to 60 ° C.**

**Evaporation:** 150 min  
**KB index:** immeasurable



5 l, 30 l, 200 l

# IMPASOL SOLVENT

## Impasol S90 Extra strong wide spectrum remover

IMPASOL SOLVENT S90 is the **strongest remover in this series, providing a substitute for dichloromethane and its products.** Designed **specifically to remove thick layers of resins, vinyls, aminoplasts, polyesters, phenols, one and two component epoxy resins and polyurethanes (PUR, PUD and PIR), PU foams, powder coatings and other special coatings used in industry.** Due to the long evaporation, it is **ideal where the product needs to act for a long time without loss of evaporation.** The product **can be rinsed with water under low pressure, thus reducing economic costs.** It works great in an ultrasonic dishwasher up to a temperature of **40 ° C.**

**Evaporation:** 6 hodin  
**KB index:** > 300



5 l, 30 l, 200 l

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## Impasol S95 GEL Extra strong wide-spectrum gel remover

IMPASOL SOLVENT S95 GEL is a **gel version of the S 90 product,** providing a substitute for dichloromethane and its products.

This product **allows you to reduce the amount used by up to 40% compared to conventional products.** The product can be rinsed with water under low pressure, **thus reducing economic costs.** Thanks to its gel form and long evaporation, it is suitable for **vertical applications with a long exposure time.**

**Evaporation:** 6 hodin  
**KB index:** > 300



5 l, 20 l

# IMPASOL SOLVENT

## Impasol SR Remover of PU, epoxy paints, varnishes and adhesives

IMPASOL SOLVENT SR is designed for the removal of polyurethane, urethane, polyester, alkyd and vinyl resins, which binds to each other and thus greatly reduces waste. **The product does not absorb dyes from resins, thanks to its self-cleaning properties it can be used several times.**

Provides replacement for ketone, dichloromethane, acetates and aromatics to remove and dissolve inks. It is characterized by a **unique cleaning and dissolving power and low odor.**

IMPASOL SOLVENT SR **evaporates very quickly and thus there is no slowdown in work during re-commissioning.** It is adapted for **cleaning with a spray or rinsing cleaning machine.**

**Odpar:** 10 min

**KB index:** immeasurable



30 l, 200 l

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The background image is a dark, industrial scene. A large, heavy-duty metal hook is suspended from above, its surface reflecting a bright, glowing orange light. The light source appears to be a large, curved object, possibly a part of a machine or a container, which is also illuminated by the same orange glow. The overall atmosphere is one of intense heat and industrial power. 

# Impasol Stripper

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# IMPASOL STRIPPER

## Reasons, why to use Impasol Solvent

IMPASOL® STRIPPER products **replace mutagenic, reprotoxic and carcinogenic products**, eg. based on dichloromethane (methylene chloride), NMP and NEP.

They are designed for **fast and highly efficient removal of all types** of paints, varnishes and coatings. They **also remove a wide range of resins** (alkyd, acrylic, vinyl, epoxy, polyurethane, polyester, composite, etc.), polymers, vinyls, aminoplasts, acrylic, plastics and adhesives, polyesters, phenols, PU foams and adhesives, **one-two-three component epoxy resins, one and two component polyurethanes used in industry.**

They are ideal for highly efficient and economical removal of a wide range of coatings, but they are also designed for two-component systems, composite systems, thermosetting systems and **even systems with UV polymerization !!!**

**They significantly improve safety conditions, economic conditions due to low evaporation loss and working conditions due to very easy application.**

Thanks to their wettability, their optimal evaporation rate and **high KB index**, they **have a much greater removal capacity than most traditional nail polish removers.**

<b>Stripper 100</b>	<b>41°C</b>	<b>*****</b>	<b>NMP, NEP (N ethylpyrrolidone), toluene, diluents, acetones, ketones, xylenes, MEK, chlorinated diluents and aromatics</b>
<b>Stripper 200</b>	<b>23°C</b>	<b>***</b>	<b>Dichloromethane, ketones, acetones and aromatics</b>
<b>Stripper 300</b>	<b>32°C</b>	<b>****</b>	<b>Dichloromethane, acetone, alcohols, white spirit, xylenes, MEK and alcohols</b>
<b>Stripper 400</b>	<b>30°C</b>	<b>***</b>	<b>Dichloromethane, chlorinated diluents, acetones and aromatics</b>
<b>Stripper 500</b>	<b>62°C</b>	<b>***</b>	<b>Toluene, diluents, acetones, xylenes, MEK and white spirit</b>
<b>Stripper 600</b>	<b>92°C</b>	<b>*****</b>	<b>NMP, NEP (N ethylpyrrolidone), toluene, diluents, acetones, ketones, xylenes, MEK, chlorinated diluents and aromatics</b>
<b>PUSOLV</b>	<b>88°C</b>	<b>*****</b>	<b>NMP, NEP (N ethylpyrrolidone), diluents, xylenes, MEK, ketones and aromatics</b>

# IMPASOL STRIPPER

## Stripper 100

### Extra strong remover of paints, varnishes, adhesives and polymers based on PU and isocyanates

IMPASOL STRIPPER 100 is one of the strongest removers in this series. Designed specifically for diluting, cleaning and removing paints, resins, polymers and adhesives based on polyurethanes, isocyanates, epoxies, urethane alkyds, acrylics, polyesters and alkyds. It even removes Komaxit paints. The product is neutral, it is not necessary to neutralize it, not even from aluminum. Cleans polymerized products from dosing, mixing and production equipment. Suitable for rinsing systems or tanks. The ideal application is soaking, it works great in an ultrasonic dishwasher up to a temperature of 40 ° C.

VOC (carbon footprint) only 74%.

Evaporation: 6 hodin  
KB index: > 300



5 l, 30 l, 200 l

## Stripper 200

### Safe alkyd and acrylic remover

IMPASOL STRIPPER 200 is a safe remover, designed especially for diluting, cleaning and removing paints, varnishes, resins and adhesives based on epoxies, urethane-alkyds, acrylics, polyesters and alkyds.

It is ideal for efficient and economical removal of a wide range of coatings, including graffiti, but also asphalt emulsions. Thanks to its wettability and its optimal evaporation rate, it has a greater covering and penetrating ability than most traditional nail polish removers.

Odpar: 3 hodiny  
KB index: > 300



5 l, 30 l, 200 l

# IMPASOL STRIPPER

## Stripper 300 Powerful and fast epoxy remover

IMPASOL STRIPPER 300 is a strong and fast remover designed for diluting, cleaning and removing paints, varnishes, polymers and adhesives based on one and two-component epoxy resins, epoxy-urethanes, phenols, one-component polyurethanes, PU epoxies and polyesters.

**Ideal OLD PAINT REMOVER.** Designed specifically for cleaning brushes, rollers, tools, applicators and for dipping, spraying and cleaning stainless steel rollers, gravure printing and roller feeders.

**Evaporation:** 3 hodiny  
**KB index:** > 300



5 l, 30 l, 200 l

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## Stripper 400 Quick remover of alkyd, vinyl and urethane resins

IMPASOL STRIPPER 400 is a fast remover designed for diluting, cleaning and removing paints, varnishes and adhesives based on polyesters, urethanes, alkyds, vinyls, urethane resins, PU epoxies and one-component polyurethanes (paints, inks and adhesives).

**Ideal for rinsing and cleaning systems and molds from deposits of composite polyester resins, gels and paints.**

**Evaporation:** 3 hodiny  
**KB index:** > 300



5 l, 30 l, 200 l

# IMPASOL STRIPPER

## Stripper 500

### Absolutely safe paint, varnish and polymer remover

IMPASOL STRIPPER 500 is an **absolutely safe** non-flammable remover designed for **safe removal of old paints, varnishes and adhesives based on acrylic resins, alkyds, alkyd-urethanes, vinyls, aminoplasts, acrylics, polyesters, one and two-component epoxy resins and polyurethanes used in the automotive industry** .

**Ideal for dipping, machine applications and works great in an ultrasonic washer up to 40 ° C.** Thanks to its safety and non-flammability, it significantly improves safety conditions.

**It has no CLP symbol!**

**Very low VOC (carbon footprint) - only 50%**

**Evaporation:** 3 hodiny  
**KB index:** > 300



5 l, 30 l, 200 l

## Stripper 600

### Non-flammable extra strong remover of polyurethanes and bitumens

IMPASOL STRIPPER 600 is a **new generation solvent based on aprotic dipolar**. It is a high-performance and extra strong non-flammable remover of one-component and two-component polyurethanes (PUR, PUD, PU and PIR), acrylic resins, alkyds, vinyls, alkyd-urethanes, aminoplasts, acrylics, polyesters, PVA polyvinyl acetates, PVC suspensions in plasticizer and bitumen (resins) - plastisol and one and two component epoxy resins.

**Immediate excellent replacement of NMP and NEP pyrrolidones, DMF and DMAc.** Ideal for cleaning molds or tools from polyurethane foam, polymers, polyesters or epoxy resins. The product is neutral, it is not necessary to neutralize it, not even from aluminum.

**Ideal for dipping, machine applications and works great in an ultrasonic washer up to 60 ° C.** Thanks to its safety and non-flammability, it significantly improves safety conditions.

**VOC (carbon footprint) is only 39%, it is an ideal product for use in the automotive industry.**

**KB index:** > 300



5 l, 30 l, 200 l

## PUSOLV

### **Remover and cleaner of polyurethane, polyol and isocyanate foams and components (polymers)**

IMPASOL® PUsolv is **developed as an environmentally friendly, safe and non-flammable product for the removal of POLYURETHANE, POLYOL and ISOCYANATE soft and hard** foams or polymers. Specifically for the removal of uncured and cured single, two and three component polyurethanes (PUR, PUD, PU and PIR), polyols and isocyanates.

IMPASOL® PUsolv is not classified as carcinogenic, mutagenic or reprotoxic. It can be used immediately as a replacement for NMP, NEP (N ethylpyrrolidone) or also other solvents such as dimethyl sulfoxide and dipropylene glycol dimethyl ether. Its vapours are not harmful and odourless, ideal for confined spaces. IMPASOL® PUsolv has no ecological footprint and a minimal carbon footprint.

#### **IMPASOL® PUsolv is especially recommended for:**

- Removing layers of mixtures, compounds, polymers and foams as well as cured
- Rinsing and cleaning systems, heads, nozzles, guns and moulds for PU foam production.
- Cleaning of brushes, rollers, tools, applicators and trays
- Soaking and cleaning of stainless steel rollers and roller feeders.
- Washing of tanks, mixing and dispensing equipment
- Cleaning of aluminium moulds - no neutralisation required

IMPASOL® PUsolv is neutral, no neutralization is necessary, even from aluminium. **It provides highly effective and economical removal of a wide range of PUR compounds, including use in ultrasonic cleaners up to 60°C.**

**IMPASOL® PUsolv significantly improves economic conditions due to low evaporation loss, working conditions due to very easy application and also safety conditions due to the safety and non-flammability of the product.**

It has a much higher hiding power than most strippers due to its SMALLNESS, surface tension and its optimum evaporation rate.



5 l, 30 l, 200 l

The background of the entire image is a close-up, low-angle shot of industrial machinery, likely part of a food processing or pharmaceutical plant. It features numerous vertical stainless steel pipes, horizontal beams, and various mechanical components. The lighting is dramatic, with strong highlights and shadows, emphasizing the metallic textures and complex structure of the equipment.

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