



Advantages of using industrial solvent cleaners for the removal of dirt, oil, grease and other contaminants

Industrial solvent cleaners are specialised cleaning products designed for use in industrial settings. They are formulated to tackle tough and stubborn contaminants found in industrial environments, such as heavy machinery, equipment, tools, and surfaces. They typically contain powerful solvents and cleaning agents capable of breaking down and removing various types of industrial residues, including grease, oil, grime, chemicals, and more.

Organic solvents are used as the primary active ingredient, to dissolve and remove dirt, grease, oil, and other contaminants from surfaces. These chemicals can break down and disperse substances that are not water-soluble. Solvent cleaners are commonly used in various industrial applications for tasks where water-based cleaners are not effective. Industrial solvent cleaners offer several advantages in various applications and industries. The advantages of using industrial solvent cleaners include:

Effective Cleaning:

Industrial solvent cleaners are highly effective at removing a wide range of contaminants, such as grease, oil, paint, adhesives, and more. They can clean surfaces thoroughly, leaving them free from residue and contaminants.

High Solvency:

They have a high solvency power, allowing them to effectively dissolve and remove industrial contaminants that may not be easily cleaned with water-based solutions.

Fast Evaporation:

Many industrial solvent cleaners are formulated to evaporate quickly, leaving behind minimal residue and allowing for rapid cleaning and drying of surfaces.

Versatility:

Solvent cleaners can be used on a variety of surfaces, including metal, glass, plastic, and ceramics. This versatility makes them suitable for different industries and applications. They are often used for degreasing machinery and equipment in manufacturing facilities, automotive repair shops, and other industrial settings.

Fast Drying: Solvent cleaners typically evaporate quickly, leaving surfaces dry and ready for use. This is particularly important in industries where downtime must be minimized.

Precision Cleaning: Solvent cleaners are often used for precision cleaning tasks, such as cleaning electronic components, optical lenses, and medical devices, where cleanliness is critical.

Residue-Free Cleaning: Solvent cleaners are known for leaving minimal to no residue after cleaning, making them ideal for applications where residue could be problematic.

Compatibility: These cleaners are often compatible with a wide range of materials and coatings, reducing the risk of damaging the surfaces being cleaned.

Flammable and Non-Flammable Options: Depending on the specific needs of an application, both flammable and non-flammable solvent cleaners are available, allowing for safer operation in different environments.

Low Surface Tension: Solvent cleaners can penetrate into tight spaces and crevices due to their low surface tension, ensuring thorough cleaning.

Degreasing Capabilities: Industrial solvent cleaners are excellent at degreasing and removing oily residues, making them suitable for automotive, aerospace, and manufacturing industries.

Environmental Considerations: Some industrial solvent cleaners are formulated to be more environmentally friendly, with low VOC (volatile organic compound) and HAP (hazardous air pollutant) content, reducing their impact on the environment.

Regulatory Compliance: Many industrial solvent cleaners are formulated to meet specific industry standards and regulations, ensuring that they are safe and effective for use in various applications.

Long Shelf Life:

Solvent cleaners typically have a long shelf life, allowing for extended storage and usability.

While industrial solvent cleaners offer many advantages, it's essential to use them with caution, especially those that are flammable, and to follow safety guidelines and regulations to protect workers and the environment. Additionally, it's crucial to choose the right solvent cleaner for your application to achieve the best results while minimizing any potential drawbacks or risks.

EnviroTech Europe supply high quality hydrocarbon or chlorinated solvent cleaners for the safe removal of dirt, oil, grease and other contaminants

Clarea[®] products are aliphatic hydrocarbon based, non-chlorinated, low odour degreasing solvents with specified flash points. They will remove oils, greases, hydraulic fluids cutting fluids and a wide variety of hydrocarbon based protective coatings. Can be safely used with all metals and composites and most plastic and paint finishes.

Clarea[®] **HC40** is low odour degreasing fast drying solvent with a flash point of 40°C. It is suitable for ultrasonic and dip systems and can be used with brush or in hand-wipe processes.

Clarea[®] **HC62** is a degreasing solvent with a flash point over 60°C. It is suitable for hand-wipe applications when used externally.

EFFICIENT AND ECONOMICAL

- Versatile and cost-effective solutions for all your industrial cleaning
- Minimal odour and low toxicity for operators
- Multipurpose uses can reduce the inventory of cleaning fluids.
- Flexible uses - evaporation rates suitable for hand wipe, spray, or immersion tank cleaning
- *Clarea*[®] **HC40** for brush and hand wiping, air dries. Flash point 40°C
- *Clarea*[®] **HC62** for spray or immersion cleaning Flash point 62°C
- Contains no chlorine, other halogens or stabilisers
- Compatible with all metals and composites and most plastics
- Excellent pre-cleaner for paint or powder coatings
- Safe, reliable, environmentally friendly cleaning

FURTHER INFORMATION

Please visit our website www.envirotech-europe.com/solvent-cleaners/ for information about uses and applications for *Clarea*[®] products Visit www.envirotech-europe.com/applications-and-case-studies#solvent-cleaners for information about uses and applications for all EnviroTech Europe products. For chlorinated solvents please see our *ProSolv*[®] range.

For more advice, please telephone us on +44 (0) 20 8281 6370 or use our website contact form. All products are supplied and supported by EnviroTech Europe Ltd. Manufactured in the United Kingdom and available on short delivery times through our dedicated team of distributors worldwide.

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