

DCP 111/2

INDUSTRIAL ALKALINE CLEANER AND DEGREASER

High-performance, water-based cleaner and degreaser formulated with an optimized blend of surfactants and chelating agents. This heavy-duty solution effectively removes soot, carbon oil, grease, heavy-metal ions, and other organic contaminants from various surfaces, including stainless steel and glass. Safe for use on metals at temperatures below 55 °C. DCP 111/2 maintains its high cleaning and degreasing power even in hard water conditions, making it an excellent alternative for hazardous solvents.



Suitable for:

- Metal parts: including stainless steel, titanium, and copper
- Plastics, rubbers and epoxy resins
- Lacquered or coated surfaces
- Painted surfaces
- Ceramics
- (Natural) stone: granite, marble, slate, etc.
- Colorfast fabrics
- Glass

Avoid prolonged contact with corrosion-sensitive metals (e.g., aluminum) above 55 °C

Specifications:

- Classification: H314 (causes severe skin burns and eye damage)
- Appearance at 20 °C: Clear liquid
- Odour: Neutral
- Freezing Point: < -4 °C
- Storage: 0 – 35 °C
- Flammability: None
- Cloud Point: 54 °C
- pH at 20 °C: 12.7 (100%)
- Density at 20 °C: 1.06 g/cm³
- Solubility in water: Fully

Effective against:

- Both light and heavy oil residues
- Fuel oil and fuel leaks
- Heavy-metal deposits
- Soot and carbon deposits
- Fire smoke damage
- Atmospheric contamination
- Nicotine stains
- Chemical residues
- Stubborn fats, proteins, and burnt-on food residues



Industrial Power

Removes oil, grease, carbon, and heavy-metal deposits from all surfaces even in hard water conditions



Safe to use

Safe to use near fire and in explosion-prone areas. Free from chlorinated or petroleum solvents, bleach, ammonia, and phosphorus-containing chemicals



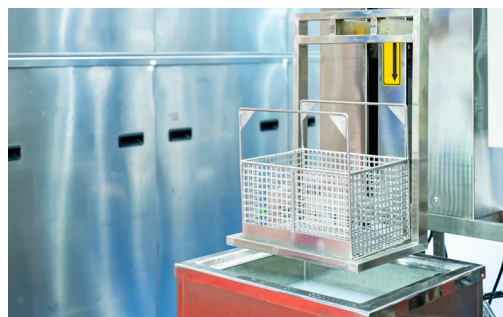
Alkaline cleaner

High alkaline cleaning power



Biodegradable

Complies with the biodegradability criteria of Regulation (EC) No.648/204



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Cleaning Technology	Materials and some specific examples	Operating Procedure
Ultrasonic cleaning	<p>Deep cleaning of fine mechanical industrial parts</p> <p>(Corrosive) metals (ASML grade 2 compliant)</p> <ul style="list-style-type: none"> • Metal processing • Industrial mechanical components: casts, cylinders, pistons, heat exchangers • Cutting tools • Automotive parts: gearbox parts, carburetors, • Electronic casings and parts <p>Plastics and rubbers</p> <ul style="list-style-type: none"> • Housing for electronic devices • Laboratory equipment • 3D printing components 	<ul style="list-style-type: none"> • It is recommended to use demineralized or distilled water to operate the ultrasonic bath • Mix DCP 111/2 with water in the ultrasonic bath • Ensure proper dilution depending on the degree of soiling (10 – 50 mL DCP 111/2 / 1 L water) • Preheat the solution to 40 – 50 °C and set the bath to the proper frequency • Load the soiled item in the ultrasonic bath; the cleaning time varies between 5 and 20 minutes • After completion, remove the cleaned item from the bath and rinse thoroughly with demineralized/distilled water to remove any residual solution • If cleaning is not fully satisfactory, repeat the cleaning procedure and increase cleaning time and/or concentration
Dip and degreasing tanks	<p>General maintenance and deep cleaning of industrial materials and parts; big and small</p> <p>(Corrosive) metals</p> <ul style="list-style-type: none"> • Hydraulic system components • Metal plates and sheets • Dies and molds • <p>Plastics, rubbers and coated surfaces</p> <ul style="list-style-type: none"> • Casing and housing for electronics • Engine covers • Machine components 	<ul style="list-style-type: none"> • It is recommended to use demineralized or distilled water to operate dip and degreasing baths • Mix DCP 111/2 with water in the degreasing bath • Ensure proper dilution depending on the degree of soiling (10 – 100 mL DCP 111/2 / 1 L water) • Preheat the solution to 40 – 50 °C • Load the soiled item in the degreasing bath; the cleaning time varies between 5 and 20 minutes • After completion, remove the cleaned item from the bath and rinse them thoroughly with demineralized/distilled water to remove any residual solution • If cleaning is not fully satisfactory, repeat the cleaning procedure and increase cleaning time and/or concentration
Maintenance and parts washers	<p>General maintenance and deep cleaning of industrial materials and parts</p> <p>(Corrosive) metals</p> <ul style="list-style-type: none"> • Industrial mechanical components • Working tools and equipment • Construction materials • Air filters and air conditioning <p>Plastics, rubbers and coated surfaces</p> <ul style="list-style-type: none"> • Tubing and piping • Casing, covers and housing • Filters <p>Ceramics</p> <ul style="list-style-type: none"> • Insulators 	<ul style="list-style-type: none"> • It is recommended to use demineralized or distilled water to operate the parts washer • Follow the instructions of the parts washer to add DCP 111/2; dilution depends on the degree of soiling: general maintenance (25 – 50 mL DCP 111/2 / 1 L water), deep cleaning (100 – 200 mL DCP 111/2 / 1 L water) • Inspect the soiled item for loose or large deposits which can be removed manually • Start the cleaning cycle: the recommended temperature varies between 30 – 40 °C and duration between 10 – 20 minutes • After completion, remove the cleaned item from the parts washer and rinse with demineralized/distilled water to remove any residual solution • If required, dry the cleaned item with compressed air or lint-free cloths • If cleaning is not fully satisfactory, repeat the cleaning procedure and increase cleaning time and/or concentration
High- and low-pressure cleaning	<p>General maintenance and deep cleaning of industrial and residual surfaces, areas, materials and parts</p> <p>(Corrosive) metals</p> <ul style="list-style-type: none"> • Fences • Metal constructions, scaffolding • Motor and bicycle parts • Forklifts <p>Plastics, rubbers</p> <ul style="list-style-type: none"> • Plastic cladding <p>Ceramics and natural stone</p> <ul style="list-style-type: none"> • Brick walls and facades • Tiles and paving • Pottery <p>Painted and coated surfaces</p> <ul style="list-style-type: none"> • Walls, ceilings, doors 	<ul style="list-style-type: none"> • Optimal cleaning is achieved by using demineralized or distilled water • Follow the instruction of the high- or low-pressure cleaning device to add DCP 111/2 • Ensure proper dilution depending on the degree of soiling: general maintenance (50 – 100 mL DCP 111/2 / 1 L water), deep cleaning (100 – 500 mL DCP 111/2 / 1 L water) • Recommended operating temperatures range between 20 – 40 °C • Inspect the soiled surface for loose or large deposits which can be removed manually • Evenly spray the soiled surface with the diluted cleaning solution and let it soak for 5 – 20 minutes • After completion, rinse the surface with water; if required, dry the cleaned surface with a lint-free cloth • If cleaning is not fully satisfactory, repeat the cleaning procedure and increase cleaning time and/or concentration
Cleaning machines – automatic scrubbers, floor strippers, spray extraction cleaner, etc.	<p>General maintenance and deep cleaning of flooring in industrial and residual settings</p> <p>Flooring materials</p> <ul style="list-style-type: none"> • (Polished) concrete • Brick and paving • Ceramics tiles, and natural stone • Epoxy • Rubber 	<ul style="list-style-type: none"> • Optimal cleaning is achieved by using demineralized or distilled water • Follow the instructions of the cleaning machine to add DCP 111/2 • Ensure proper dilution depending on the degree of soiling: general maintenance (10 – 20 mL DCP 111/2 / 1 L water), deep cleaning (50 – 200 mL DCP 111/2 / 1 L water) • Recommended operating temperatures range between 20 – 50 °C • Follow the machine specific instructions to perform the cleaning process • After cleaning optionally rinse with water to obtain a residue free surface • If cleaning is not fully satisfactory, repeat the cleaning procedure and increase cleaning time and/or concentration

Wear protective gloves, clothes and eye protection

If uncertain about material compatibility, test DCP 111/2 first on a small, hidden area