

DCP BIOMEX HDI FC110

NO FOAM - HEAVY CLEANING

This water-based, high alkaline cleaner and degreaser is formulated with a silicone antifoam additive to control and even eliminate foam formation. While its high alkalinity provides a deep cleaning and degreasing effect, DCP Biomex HDI FC110 acts as a corrosion inhibitor on aluminum surfaces and can be applied to any surface except glass. Its antifoaming nature makes Biomex HDI FC110 ideal for all types of cleaning machines.

Note that this product contains a silicone emulsion and is therefore not suitable for food applications and applications where the cleaned area will be coated or painted afterwards.



Suitable for:

- Corrosion-sensitive and corrosion-resistant metal parts: including aluminum, stainless steel, titanium, and copper
- Plastics, rubbers, and epoxy resins
- Coated and painted surfaces
- Ceramic tiles
- (Natural) stone: granite, marble, slate, etc.
- Colorfast fabrics

Specifications:

- Classification: H318 (causes serious eye damage)
- Appearance at 20 °C: Clear liquid
- Odour: Slight
- Freezing Point: <-4 °C
- Storage: 5 – 35 °C
- Cloud point: 59 °C
- Flammability: Will not ignite readily
- pH at 20 °C: 12.6 (100%)
- Density at 20 °C: 1.04 g/cm³
- Solubility in water: Highly dispersible

Effective against:

- Both light and heavy oil residues
- Fuel oil and fuel leaks
- Stubborn fats, proteins, and burnt-on food residues
- Insect residues
- Fire smoke damage
- Soot and carbon deposits
- Chemical residues
- Nicotine stains
- Old (polish) wax layers to be removed
- Stains and unpleasant odours
- Static dirt



Biodegradable

Complies with the biodegradability criteria of Regulation (EC) No.648/2004.



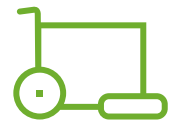
Alkaline cleaner

High alkaline cleaning power, yet not corrosive to metals!



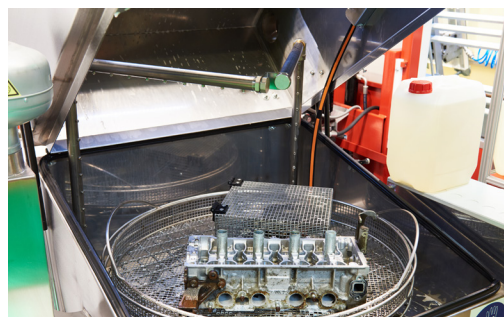
No foam

Foam removing formulation with silicone additive



Machine cleaning

Suitable for a wide range of cleaning machinery.



Made in Westmalle, Belgium by DCP bv
Zeepakker 14,
2390 Westmalle

info@dcp-chemicals.com
<https://www.dcp-chemicals.com>
+32(0)3309 44 51

DCP BIOMEX HDI FC110

NO FOAM - HEAVY CLEANING
MULTIPURPOSE ALKALINE CLEANER
INDUSTRY - PROFESSIONAL - DIY

Cleaning Technology	Materials and some specific examples	Operating Procedure
Cleaning machines – automatic scrubbers, floor strippers, etc.	<p>General maintenance and deep cleaning of flooring in industrial and residual settings, wax removal on wooden flooring</p> <p>Flooring materials</p> <ul style="list-style-type: none"> • (Polished) concrete • Brick and paving • Ceramics tiles, and natural stone • Epoxy • Vinyl, laminate, linoleum • 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 Biomex HDI FC110 • Ensure proper dilution depending on the degree of soiling: general maintenance (10 – 25 mL Biomex HDI FC110 / 1 L water), deep cleaning (50 – 200 mL Biomex HDI FC110 / 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
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, scaffolds • Motor and bicycle parts <p>Plastics and 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 <p>Colorfast textile</p> <ul style="list-style-type: none"> • Tent covers, tarpaulins, and awnings 	<ul style="list-style-type: none"> • Optimal cleaning is achieved by using demineralized or distilled water • Follow the instructions of the high- or low-pressure cleaning device to add Biomex HDI FC110 • Ensure proper dilution depending on the degree of soiling: general maintenance (50 – 100 mL Biomex HDI FC110 / 1 L water), deep cleaning (100 – 500 mL Biomex HDI FC110 / 1 L water) • Recommended operating temperatures range between 20 – 40 °C • Inspect the soiled item 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
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"> • Synthetic sealants, gaskets, hoses • 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 Biomex HDI FC110 with water in the degreasing bath • Ensure proper dilution depending on the degree of soiling (10 – 100 mL Biomex HDI FC110 / 1 L water) • Preheat the solution to 40 – 60 °C and set the bath to the proper frequency • 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 for industrial use: e.g., gas turbines <p>Plastics, rubbers and coated surfaces</p> <ul style="list-style-type: none"> • Tubing and piping • Casing, covers and housing • Filters 	<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 Biomex HDI; the degree of dilution depends on the degree of soiling: general maintenance (25 – 50 mL Biomex FC110 / 1 L water), deep cleaning (100 – 200 mL Biomex FC110 / 1 L water) • Inspect 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

Wear protective gloves, clothes and eye protection

If uncertain about material compatibility, test Biomex HDI FC110 first on a small, hidden area



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