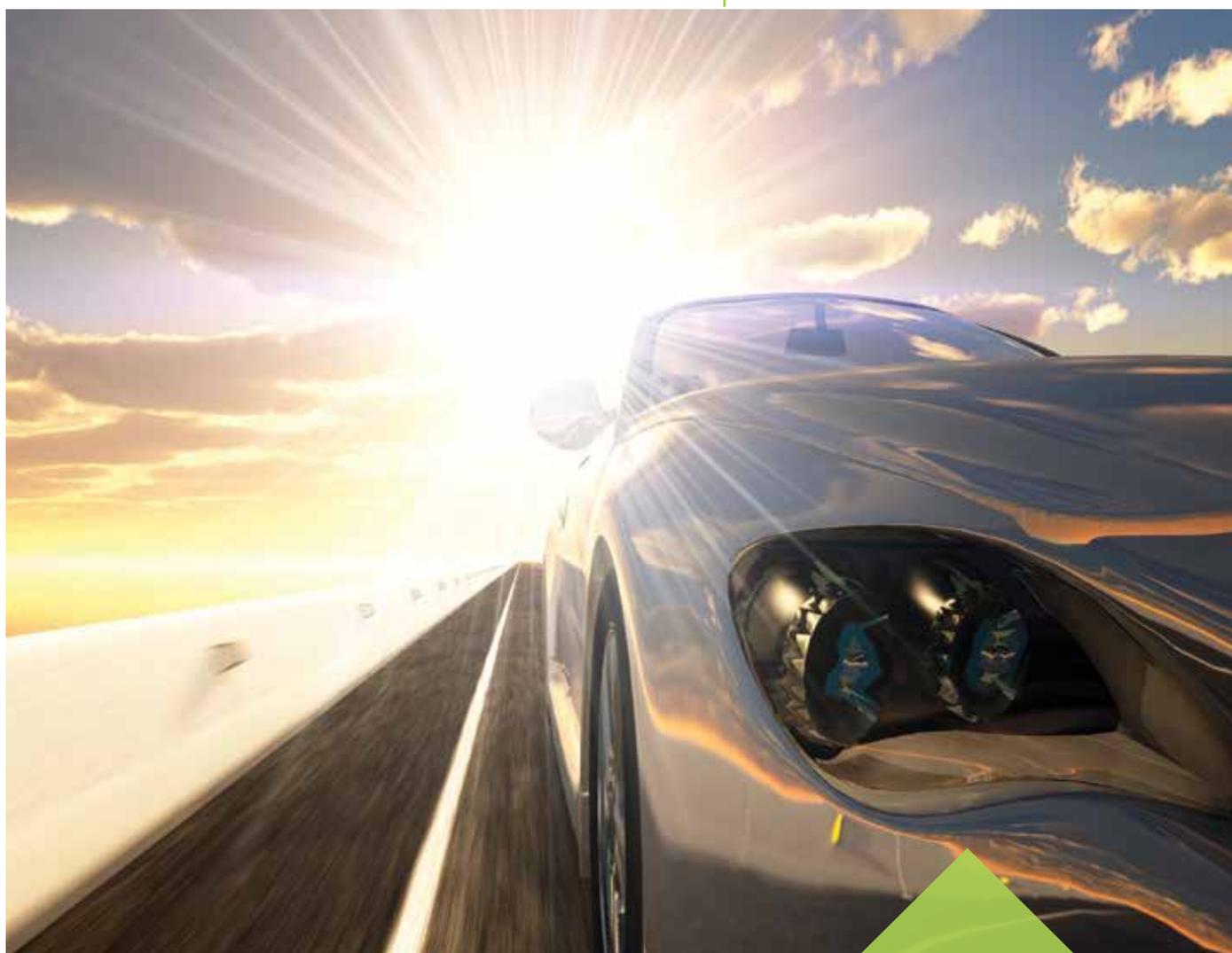




EVOENZYMES LINE

WWW.FRA-BER.COM



HISTORY

The innovation project will never end. Special attention to detail of our products means caring for our customers.

Over the years, Fra-Ber has become increasingly open to the world: today it is present in 60 countries and is a leading player of the industry in many of them. Fra-Ber exports 60% of its production, thanks to its clients worldwide, who trust this company that continues to create innovative products and believes that innovation must never end in order to allow distributors to emerge with a strong identity and stand out from the competition. Fra-Ber is proud of its products and protects them patenting and defending its wide range of specific items, in order to meet every requirement. A keen eye for detail becomes one with care for the client.

Fra-Ber is specialised in solving problems, offering tailor-made solutions to every distributor's request. Distributors can rely on a laboratory, which collects information directly on-site and processes it in formulations, working in close contact with washing plant managers, thereby giving rise to innovative products that stand out for their optimal quality/price ratio.

The support offered by the company and its distribution network is essential in solving technical and management issues and in minimising product consumption.

The Fra-Ber production plant is equipped with all the equipment necessary for incoming material inspection, production, placing products in tanks and carrying out final quality tests. Over the years, Fra-Ber has constantly focused on quality in every stage of the production cycle, from selecting its suppliers to the final tests; the company firmly believes that continuous improvement of the processes must be accompanied by the design of new products. This is why Fra-Ber is implementing an advanced production management system that can meet customer requirements at every level.

Despite this tireless desire for innovation, Fra-Ber still keeps the same spirit with which Franco Berton had founded the company: Fra-Ber is still a family-run company, which considers clients almost as part of the family, ensuring quality and reliability.



PRODUCT SUITABLE FOR BRUSHLESS CAR WASH INSTALLATIONS



PRODUCT SUITABLE FOR PORTAL CAR WASH INSTALLATIONS



PRODUCT SUITABLE FOR TUNNEL CAR WASH INSTALLATIONS



PRODUCT SUITABLE FOR TRACK CAR WASH INSTALLATIONS



PRODUCT SUITABLE FOR MOTORCYCLES



PRODUCT SUITABLE FOR CAR HAND-WASHING



PRODUCT SUITABLE FOR SPRAYERS



PRODUCT SUITABLE FOR SPRAYERS



PRODUCT SUITABLE FOR HYDROCLEANERS



FOAMING POWER
HIGH



MEDIUM



LOW



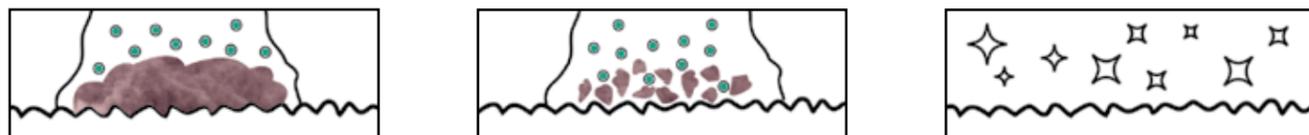
THIS SYMBOL INDICATES THE PH OF THE PRODUCT AS IS. IF $PH < 7$ THE PRODUCT IS ACID; IF $PH > 7$ THE PRODUCT IS BASIC; IF $PH = 7$ IT IS NEUTRAL. IF THE VALUE IS N.A., THE PH IS NOT AVAILABLE OR NOT DETECTABLE.

What is Evoenzymes?

Evoenzymes is a professional line of products for the care of automobiles featuring formulas with added active enzymes.

What are active enzymes?

Enzymes are naturally occurring protein molecules that are present in all living cells and act as catalysts to accelerate a biochemical reaction. Enzymes used in detergents are very specific and act to break down a particular substance so it can be easily lifted away in the wash. For example, lipase enzymes break down oils and fats, while amylase enzymes break down starches for easier removal from fabrics.



How do enzymes work?

- 1) Dirt residue builds up in the microscopic indentations of the surfaces, making it difficult to remove them.
- 2) The active enzymes, molecules present in all living cells, penetrate deep into the pores and degrade a wide range of organic residues that are not visible to the naked eye.
- 3) They speed up and improve the quality of the cleaning: deeper and faster. In addition, they help eliminate foul odours.

Generally speaking, how do detergents containing active enzymes work?

Since the 1960s, enzymes have been a key ingredient of detergents. Beneficial microorganisms penetrate deep into the pores of surfaces to degrade a wide range of embedded residual organic soils for improved cleaning performance. Various soils, such as oil, grease and sugary stains, collect in the microscopic indentations and fissures of hard surfaces, making them difficult to completely remove. The formulations with added enzymes offer instant cleaning by removing surface residue.

Enzymes degrade stains into smaller, more water-soluble parts that can be removed more easily during washing. What's more, they can also be effective in smaller doses (compacting): weight-efficiency, meaning that a smaller quantity of enzymes can be used to achieve deep cleaning compared to results obtained with other ingredients.

In addition, one enzyme molecule can act repeatedly on the substrate molecules (e.g. soil), so a small amount of enzyme added to a detergent can provide a big cleaning benefit to the consumer. This catalytic property gives enzymes a crucial role in compacted and concentrated detergents.

Many enzymes, many different tasks.

Because enzymes are highly specific in the reactions they catalyze, an abundant supply of enzymes must be present in cells to carry out all the different chemical transformations required. Most enzymes help break down large molecules into smaller ones and release energy from their substrates. To date, scientists have identified over 10,000 different enzymes. Because there are so many, a logical method of nomenclature has been developed to ensure that each one can be clearly defined and identified. Although enzymes are usually identified using short trivial names, they also have longer systematic names. Furthermore, each type of enzyme has a four-part classification number (EC number) based on the standard enzyme nomenclature system maintained by the International Union of Biochemistry and Molecular Biology (IUBMB) and the International Union of Pure

and Applied Chemistry (IUPAC).

Most enzymes catalyze the transfer of electrons, atoms or functional groups. And depending on the types of reactions catalyzed, they are divided into six main classes, which in turn are split into groups and subclasses. For example, the enzyme that catalyzes the conversion of milk sugar (lactose) to galactose and glucose has the trivial name lactase, the systematic name beta-D-galactoside galactohydrolase, and the classification number EC 3.2.1.23.

List of enzymes: <http://amfep.drupalgardens.com/content/list-enzymes>

Enzymes - sustainable solution

Enzymes enable various industries to ensure the quality and stability of products with increased production efficiency. They also help provide environment-friendly products to consumers thanks to using less energy, water and raw materials and generating less waste. The World Wildlife Fund (WWF) has estimated the efficiency improvements that enzymes would enable in food and traditional industries. The results show that enzymes could e.g. save up to 139 MtCO₂e (Million metric tons of carbon dioxide equivalent) in the food industry and up to 65 MtCO₂e in traditional industries (detergents, textiles, pulp and paper) by 2030. This is equivalent to the CO₂ emissions of consuming 430 million barrels of oil or taking off the road nearly 40 million cars. (Source: WWF, Industrial biotechnology - More than green fuel in a dirty economy? Exploring the transformational potential of industrial biotechnology on the way to a green economy, 2009)

Most industries have to address the issue of waste production which is hazardous by nature. This is not the case with enzymes as they are fully biodegradable. When industrial enzymes have done their job, they break down into amino acids that are naturally recycled in the environment. Enzymes also help to improve resource efficiency in the food chain by reducing processing losses. For additional information: www.amfep.org ; www.aise.eu

General tests

The Evoenzymes line has been tested to reduce the risk of damage caused by corrosion for various car body and components, through external laboratory tests on specific surfaces, such as, for example, on decorative surfaces made of aluminium or galvanised bolts. A surface was considered resistant when no damage or corrosion were visible on plain sight. All Evoenzymes placed on the market have been subjected to these tests.





VDA-compliant products

Moreover, many products of the Evoenzymes line for use on the vehicle exterior bear the green seal "VDA di Klasse A"; this guideline was drawn up in order to more effectively prevent damage to vehicles subjected to washing, offering a proper balance between car-wash, vehicle and chemical detergents. The products are evaluated in terms of their aggressiveness and corrosive effect on sensitive types of surface protection at high temperatures.

Validity and VDA sphere.

The VDA publication applies to:

- Manual self-service and power washers
- Gate-type car-washes
- Conveyor-type car-washes
- Wash components

Detergent requirements according to VDA.

The purchased product has been subjected to tests to reduce the risk of damage due to corrosion to the components and the body of the vehicle. The products are evaluated in terms of their aggressiveness and corrosive effect on sensitive types of surface protection at high temperatures. The detergent is approved by a VDA seal when the treated surface, according to the guidelines, is resistant to corrosion damage and optical deterioration.

Specific field of application: manual self-service and power washers (according to VDA).

It is important for the client who buys a product with a VDA seal to know that since it falls under a self-service application, it is impossible to pre-determine the setting time of the products such as Toglioscerini or the Pulitore Cerchi that are sprayed prior to washing. Therefore, it is essential to make sure to have a Class A VDA seal like Aktiv-E products.

For additional information on the VDA specification, we recommend that you:

- visit the official website: www.vda-qmc.de/en/ o <http://vda-qmc.de/en/certification/car-wash/>
- consult the official file in the original language: http://vda-qmc.de/fileadmin/redakteur/Publikationen/Download/Criteria_for_car-washes_conforming_to_VDA_specifications.pdf



EMOLLIENT
Innovative prewash.

Evoenzymes Emollient is an innovative prewash to take care of your car. Its dual cleaning action combines the product's cleaning strength with the effectiveness of enzymes: a unique solution in its kind by Fra-Ber!



- Immediate and thorough cleaning of vehicles and other outer surfaces.
- Deep cleaning action thanks to the removal of organic residues.
- Drastic odour control, thanks to the full biodegradation of dirt molecules also inside purifying systems and brushes in general.
- VDA certified formula to reduce damage to delicate exterior car parts such as those made of plastic and aluminium.

For additional information, please visit www.fra-ber.it.

DILUTION:
Pump: 25 impulses
Dosatron Injector: 0.8-2%
Sprayer: 1:50

PACKAGING	ITEM CODE
5 kg	75604
10 kg	75385
25 kg	75386





FOAM

Foamy shampoo.

Evoenzymes Foam is an enzyme-based foamy shampoo: a brand new combined cleaning solution that brings together the detergent factor with enzymes and bacteria.

- Immediate and thorough cleaning of vehicles and other outer surfaces.
- Deep cleaning thanks to the removal of organic residue.
- Drastic odour control, thanks to the full biodegradation of organic dirt molecules that hide on brushes in general.
- VDA certified formula to reduce damage to delicate exterior car parts such as those made of plastic and aluminium.

For additional information, please visit www.fra-ber.it.



PACKAGING	ITEM CODE
5 kg	75605
10 kg	75388
25 kg	75389

DILUTION:
 Pump: 20 impulses
 Dosatron Injector: 0.8-2%
 Sprayer: 1:50



BRUSH

Shampoo brushes.

Evoenzymes Brush is an innovative detergent to clean any kind of car. It acts as a pre-wax and has a lubricating action.

- Immediate and thorough cleaning of vehicles and other outer surfaces.
- Lubricating action that can be easily rinsed away and is extended even after application to make the brushes soft and clean.
- Drastic odour control, thanks to the full biodegradation of organic dirt molecules also inside purifying systems and on brushes in general.
- It helps water purification and recirculation, as there are bacteria that feed the water itself.
- VDA certified formula to reduce damage to delicate exterior car parts such as those made of plastic and aluminium.

For additional information, please visit www.fra-ber.it.



PACKAGING	ITEM CODE
5 l	75607
10 l	75390
25 l	75392

DILUTION:
 Pump: 40 impulses
 Dosatron Injector: 0.8-2%
 Sprayer: 1:25





POLISH

Foamy polish.

Evoenzymes Polish is a new-generation polish: a brand new product made with active enzymes and a high polish effect. It leaves an invisible degradable and yet durable film that ensures a protective and particularly shiny effect. Evoenzymes Polish protects the car's surface from the aggressive action of the elements and makes it easier the subsequent cleaning of the treated surfaces. Plus, it makes it easier to remove insects.

- Shiny and immediate polish effect on cars and other outer surfaces.
- Longer-lasting protection thanks to the formation of a non-oily film that extends its action after the application, protects surfaces from the elements and aggressive products.
- A cleaner car thanks to the protection provided by the product, insects and dirt are easier to remove during subsequent washing cycles.
- It helps water purification and recirculation, as there are bacteria that feed the water itself.
- VDA certified formula to reduce damage to delicate exterior car parts such as those made of plastic and aluminium.
- Recommendations: EvoEnzymes Polish can be applied either with or without a brush.

For additional information, please visit www.fra-ber.it.

PACKAGING	ITEM CODE
5l	75610
10l	75393
25l	75394

DILUTION:
 Pump: 25 impulses
 Dosatron Injector: 0.8-2%
 Sprayer: 1:50
 Foam lance: pure



WAX

Revolutionary ultra brilliant wax.

Evoenzymes Wax is a revolutionary wax: the first in the world to which enzymes have been added. Evoenzymes Wax has a polishing and self-drying effect and combines a number of different properties in just one formula. Indeed, it can be quickly applied and does not leave oily films. Plus, it has an immediate polishing effect and removes odours in the water used for washing and helps purify it with its enzymes.

- Shiny, immediate polishing for cars and other outer surfaces, such as plastic parts and bumpers.
- Longer-lasting protection thanks to the formation of a non-oily film that extends its action after the application, protects surfaces from the elements and aggressive products.
- Dry car, also with osmotic water, thanks to its special formula, excellent results also with osmotic water.
- Reduction of water residue thanks to enzymes that break up organic residue.
- It helps water purification and recirculation, as there are enzymes that feed the water itself.
- VDA certified formula to reduce damage to delicate exterior car parts such as those made of plastic and aluminium.

For additional information, please visit www.fra-ber.it.

PACKAGING	ITEM CODE
5l	75608
10l	75396
25l	75397

DILUTION:
 Pump: 30-50 impulses
 Dosatron Injector: 0.5-0.8%
 Sprayer: 1:100 - 1:200





LEGA 2.0

Detergent for wheels and rims.

Evoenzymes Lega 2.0 is a brand new detergent for car wheels and rims! Because it is enhanced by the action of active enzymes that eliminate organic dirt.



- Immediate and thorough cleaning of vehicles and other outer surfaces.
- Deep cleaning thanks to the removal of organic residue.
- Drastic odour control, thanks to the full biodegradation of organic molecules also inside purifying systems and brushes in general.
- VDA certified formula to reduce damage to delicate exterior car parts such as those made of plastic and aluminium.

For additional information, please visit www.fra-ber.it.

PACKAGING	ITEM CODE
5 kg	75611
10 kg	75398
25 kg	75399

DILUTION:
 Pump: 20 impulses
 Dosatron Injector: 4-10%
 Sprayer: 1:5 - 1:10



PRE-SELF

Innovative intensive prewash.

Evoenzymes Pre-self is a specific detergent for self-service systems, foam guns and sprayers, but with an edge: its active enzymes base. Indeed, Evoenzymes Pre-self reduces its impact on the environment and ensures a superior cleaning action.



- Immediate and thorough cleaning of vehicles and other outer surfaces.
- Deep cleaning thanks to the removal of organic residue
- Drastic odour control, thanks to the full biodegradation of organic molecules also inside purifying systems and brushes in general;
- VDA certified formula to reduce damage to delicate exterior car parts such as those made of plastic and aluminium.

For additional information, please visit www.fra-ber.it.

PACKAGING	ITEM CODE
5 kg	75612
10 kg	75400
25 kg	75401

DILUTION:
 Pump: 30-50 impulses
 Dosatron Injector: 0.8-2%
 Sprayer: 1:50





PRE-SELF MEGAFOAM

Very foamy intensive pre-wash.

Evoenzymes Pre-self Megafoam is a specific detergent for self-service systems, foam guns and sprayers, but with an edge: its active enzymes base. Indeed, Evoenzymes Pre-self Megafoam reduces its impact on the environment and ensures a superior cleaning action.

- Immediate and thorough cleaning of vehicles and other outer surfaces.
- Deep cleaning thanks to the removal of organic residue.
- Drastic odour control, thanks to the full biodegradation of organic molecules also inside purifying systems and brushes in general.
- VDA certified formula to reduce damage to delicate exterior car parts such as those made of plastic and aluminium.

For additional information, please visit www.fra-ber.it.



PACKAGING	ITEM CODE
5 kg	75893
10 kg	75892
25 kg	75891

DILUTION:
 Pump: 30-50 impulses
 Dosatron Injector: 0.8-2%
 Sprayer: 1:50



LAVA INTERNI B AROMA

Intensive detergent for fabrics.

Evoenzymes Aroma B Interiors Cleaner is an innovative scented product to clean your car's fabric surfaces: it combines the cleaning action of the traditional Interiors Cleaner B with the exclusive enzyme-based technology that compacts fibres and eliminates odours. It removes all residues from the fabrics, with a quick drying effect.

- It cleans fabrics thoroughly and immediately.
- Longer-lasting cleaning thanks to the removal of organic residue.
- Drastic odour control, thanks to the full biodegradation of organic molecules also inside purifying systems and brushes in general.
- A wonderful fresh, clean fragrance will amaze your customers.

For additional information, please visit www.fra-ber.it.



DILUTION:
 Sprayer: 1:25 - 1:50

PACKAGING	ITEM CODE
5 kg	75614
10 kg	75403
25 kg	75404





EMOLLIENT AROMA

Innovative scented prewash.

Evoenzymes Emollient Aroma is an innovative prewash to take care of your car. Its dual cleaning action combines the product's cleaning strength with the effectiveness of enzymes: a unique solution in its kind by Fra-Ber!

- Immediate and thorough cleaning of vehicles and other outer surfaces.
- Deep cleaning thanks to the removal of organic residue.
- Drastic odour control, thanks to the full biodegradation of organic molecules also inside purifying systems and brushes in general.
- VDA certified formula to reduce damage to delicate exterior car parts such as those made of plastic and aluminium.
- A wonderful fresh, clean fragrance will amaze your customers.

For additional information, please visit www.fra-ber.it.



PACKAGING	ITEM CODE
5 kg	75603
10 kg	75411
25 kg	75412

DILUTION:
 Pump: 25 impulses
 Dosatron Injector: 0.8-2%
 Sprayer: 1:50



FOAM AROMA

Scented foamy shampoo.

Evoenzymes Foam Aroma is an enzyme-based foamy shampoo: a brand new combined cleaning solution that brings together the detergent factor with enzymes and bacteria.

- Immediate and thorough cleaning of vehicles and other outer surfaces.
- Deep cleaning thanks to the removal of organic residue.
- Drastic odour control, thanks to the full biodegradation of organic molecules also inside purifying systems and brushes in general.
- It helps water purification and recirculation, as there are enzymes that feed the water itself.
- VDA certified formula to reduce damage to delicate exterior car parts such as those made of plastic and aluminium.

For additional information, please visit www.fra-ber.it.



PACKAGING	ITEM CODE
5 kg	75606
10 kg	75405
25 kg	75406

DILUTION:
 Pump: 40 impulses
 Dosatron Injector: 0.8-2%
 Sprayer: 1:50





WAX AROMA

Revolutionary ultra brilliant scented wax.

Evoenzymes Wax Aroma is a revolutionary wax: the first in the world to which enzymes have been added. Evoenzymes Wax Aroma has a polishing and self-drying effect and combines a number of different properties in just one formula. Indeed, it can be quickly applied and does not leave oily films. Plus, it has an immediate polishing effect and removes odours in the water used for washing and helps purify it with its enzymes.

- Shiny, immediate polishing for cars and other outer surfaces, such as plastic parts and bumpers.
- Longer-lasting protection thanks to the formation of a non-oily film that extends its action after the application, protects surfaces from the elements and aggressive products.
- Dry car, also with osmotic water, thanks to its special formula, excellent results also with osmotic water.
- Reduction of water residue thanks to enzymes that break up organic residue.
- It helps water purification and recirculation, as there are enzymes that feed the water itself.
- VDA certified formula to reduce damage to delicate exterior car parts such as those made of plastic and aluminium.

For additional information, please visit www.fra-ber.it.



PACKAGING	ITEM CODE
5l	75609
10l	75413
25l	75408

DILUTION:
 Pump: 30-50 impulses
 Dosatron Injector: 0.5-0.8%
 Sprayer: 1:100 - 1:200



PRE-SELF AROMA

Innovative intensive scented prewash.

Evoenzymes Pre-self Aroma is a specific detergent for self-service systems, foam guns and sprayers, but with an edge: its active enzymes base. Indeed, Evoenzymes Pre-self Aroma reduces its impact on the environment and ensures a superior cleaning action.

- Immediate and thorough cleaning of vehicles and other outer surfaces.
- Deep cleaning thanks to the removal of organic residue.
- Drastic odour control, thanks to the full biodegradation of organic molecules also inside purifying systems and brushes in general.
- VDA certified formula to reduce damage to delicate exterior car parts such as those made of plastic and aluminium.
- A wonderful fresh, clean fragrance will amaze your customers.

For additional information, please visit www.fra-ber.it.



PACKAGING	ITEM CODE
5 kg	75613
10 kg	75409
25 kg	75410

DILUTION:
 Pump: 30-50 impulses
 Dosatron Injector: 0.8-2%
 Sprayer: 1:50



PRE-SELF MEGAFOAM AROMA

Very foamy intensive scented pre-wash.

Evoenzymes Pre-self Megafoam Aroma is a specific detergent for self-service systems, foam guns and sprayers, but with an edge: its active enzymes base. Indeed, Evoenzymes Pre-self Megafoam Aroma reduces its impact on the environment and ensures a superior cleaning action.

- Immediate and thorough cleaning of vehicles and other outer surfaces.
- Deep cleaning thanks to the removal of organic residue.
- Drastic odour control, thanks to the full biodegradation of organic molecules also inside purifying systems and brushes in general.
- VDA certified formula to reduce damage to delicate exterior car parts such as those made of plastic and aluminium.
- A wonderful fresh, clean fragrance will amaze your customers.

For additional information, please visit www.fra-ber.it.



PACKAGING	ITEM CODE
5 kg	75896
10 kg	75895
25 kg	75894

DILUTION:
 Pump: 30-50 impulses
 Dosatron Injector: 0.8-2%
 Sprayer: 1:50



DEOTEX AROMA

Freshener and sanitising.

Deotex Aroma is a highly efficient air freshener and odour eliminator. The enzymes contained in it work by eliminating smells, not simply covering them up! Enzymes break down organic dirt such as blood, milk, food residues, as well as smoke, sweat, household waste, animal odours and many others thanks to its special formula. What's more, Deotex Aroma's special formula with enzymes is reactivated by humidity, water or bad odours to constantly ensure a long-lasting, clean feeling.



- Deep cleaning thanks to the removal of organic residue.
- Drastic odour control, thanks to the full biodegradation of organic molecules also inside purifying systems and brushes in general.
- A wonderful fresh, clean fragrance will amaze your customers.

For additional information, please visit www.fra-ber.it.

PACKAGING	ITEM CODE
5 kg	75979
10 kg	75978
25 kg	75977

DILUTION:
 dilute the product 1:2 to 1:5 in water.







FRA-BER[®]
Innovative cleaning solutions

Via M.K. Gandhi 33-35
24051 Antegnate (BG) Italy
Tel. +39 0363.905287
Fax +39 0363.905290
www.fra-ber.com
info@fra-ber.it

