

zeta hygiene



FEEL SAFE

Hygiene solutions

Zhermack 
Dental



Zeta Hygiene,
feel safe

The background of the entire page is a dynamic, high-speed photograph of water splashing. The water is captured in various stages of movement, with many small, clear bubbles and larger, more turbulent splashes. The color palette is primarily light blue and white, with some darker blue tones in the more turbulent areas of the splash. The overall effect is clean, fresh, and energetic.

Cleaning, disinfection and sterilisation to protect dentists clinics and technicians laboratories against infection.

Just following the right procedure is not enough to ensure adequate protection against cross-infection between patients and personnel. Dental professionals also need **safe, effective** and **broad spectrum** products.

Rapid action, practicality and **high compatibility** with dental clinic materials make Zeta Hygiene products ideal for demanding dental professionals and guarantee a high level of safety and protection for users and patients alike.

Zeta Hygiene is a complete range of cleaning, disinfecting and sterilising products, free from toxic substances like phenols and aldehydes and formulated for excellent

compatibility with clinic and laboratory surfaces. These innovative products are manufactured to the strictest quality standards and tested to ensure conformity to the latest European regulations.

Zeta Hygiene products deliver **effective solutions** for maintaining a **high level of protection**.

Zhermack always has your safety in mind.

Hygiene solutions



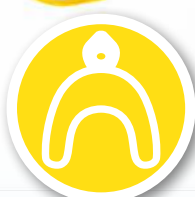
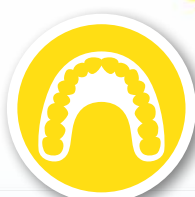
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Zhermack



Instruments and burs



Zeta 1 Ultra



Instruments and burs

A concentrated, broad spectrum, liquid disinfectant and detergent. Suitable for all surgical and rotary instruments, even the most delicate (scalpels, tweezers, burs, mirrors, probes, etc.).

Active ingredients: alkylamine and quaternary ammonium salts.

1% DILUTION



PRODUCT BENEFITS

- ▶ Excellent protection: bactericidal, fungicidal, mycobactericidal, tuberculocidal and, within limits, virucidal.
- ▶ Effective even in the presence of organic contaminants.
- ▶ Excellent compatibility with materials (good protection against metal corrosion).
- ▶ Safe to use: free from aldehydes and phenols.

Use

1% dilution: add 10 ml of **Zeta 1 Ultra** to every litre of water.

Immerse the instruments in a static bath for 60 minutes or in an ultrasonic bath for 15 minutes at 35°.

2% dilution: add 20 ml of product to every litre of water. Immerse the instruments in a static bath for 30 minutes.

EVERY LITRE OF ZETA 1 ULTRA GIVES 100 LITRES OF DISINFECTANT SOLUTION.

Spectrum



Bactericidal: EN 13727, EN 14561 (*S. aureus*, *P. aeruginosa*, *E. hirae*)

Fungicidal: EN 13624, EN 14562 (*C. albicans*, *A. niger*)

Mycobactericidal and tuberculocidal: EN 14348, EN 14563 (*M. terrae*, *M. avium*)

Limited virucidal: EN 14476 (tested on Poliovirus, Adenovirus, including HIV, HBV, HCV, H1N1)

Zeta 2 Enzyme



Instruments and burs

A broad spectrum, tri-enzymatic, powder disinfectant and detergent. A specific treatment for ordinary, surgical and rotary instruments prior to sterilisation.

Active ingredients: active oxygen, enzymes.

2% DILUTION



PRODUCT BENEFITS

- ▶ Excellent protection in just 10 minutes: bactericidal, fungicidal, mycobactericidal, tuberculocidal and virucidal.
- ▶ Deep cleaning of bur and instrument micro-structures.
- ▶ Powerful detergent action thanks to the enzymes amylase, protease, lipase.
- ▶ Safe to use: free from aldehydes and phenols.

Use

2% dilution: add 20 g (2 measures) of **Zeta 2 Enzyme** to every litre of water (35°C) and stir to dissolve the powder. Wait for 15 minutes.

Immerse the instruments for 10 minutes.

Once prepared, the solution appears cloudy because of the presence of the enzymes, but remains stable for at least 8 hours. The presence of undissolved powder on the bottom guarantees the full effectiveness of the solution for its active life according to the instructions.

ONE TUB OF ZETA 2 ENZYME GIVES 60 LITRES OF DISINFECTANT SOLUTION.

Spectrum



Bactericidal: EN 13727, EN 14561 (S. aureus, P. aeruginosa, E. hirae)

Fungicidal: EN 13624, EN 14562 (C. albicans)

Mycobactericidal and tuberculocidal: EN 14348, EN 14563 (M. terrae, M. avium)

Virucidal: EN 14476 (tested on Poliovirus, Adenovirus, Norovirus, Parvovirus, including HIV, HBV, HCV)

Zeta 2 Sporex



Instruments and burs

Cold chemical sterilising powder.

A specific treatment for dental instruments, especially for devices that cannot be sterilised in an autoclave.

Active ingredients: peracetic acid.

2% DILUTION



PRODUCT BENEFITS

- ▶ Excellent protection: bactericidal, fungicidal, mycobactericidal, tuberculocidal and virucidal, sporicidal.
- ▶ Cold chemical sterilisation in just 10 minutes.
- ▶ Safe to use: free from aldehydes; peracetic acid is generated on site, avoiding the risks posed by the use of free peracetic acid.

Use

2% dilution: add 20 g (3 measures) of **Zeta 2 Sporex** to every litre of water and stir to dissolve the powder. Wait 15 minutes for the solution to become active. Immerse the instruments for 10 minutes.

The presence of undissolved powder on the bottom guarantees the full effectiveness of the solution for its active life according to the instructions. Once prepared, the solution remains stable for at least 24 hours, but should be replaced at the start of each working day.

ONE TUB OF ZETA 2 SPOREX GIVES 45 LITRES OF STERILISING SOLUTION.

Spectrum



Bactericidal: EN 13727, EN 14561 (S. aureus, P. aeruginosa, E. hirae)

Fungicidal: EN 13624, EN 14562 (C. albicans, A. niger)

Mycobactericidal and tuberculocidal: EN 14348, EN 14563 (M. terrae, M. avium)

Virucidal: EN 14476 (tested on Poliovirus, Adenovirus, Norovirus, Parvovirus, including HIV, HBV, HCV)

Sporicidal: EN 13704 (B. subtilis)

Surfaces



Zeta 3 Soft



Surfaces

A ready-to-use, alcohol-based disinfectant and detergent for the surfaces of medical devices (handpieces, contra-angles, dental units, etc.).

Active ingredients: alcohols.

LEMON AND CLASSIC FRAGRANCES



PRODUCT BENEFITS

- ▶ Excellent protection: bactericidal, fungicidal, tuberculocidal and virucidal.
- ▶ 2-in-1 action: simultaneous cleaning and disinfecting.
- ▶ Dries residue-free.
- ▶ Reduced alcohol content, below 50%.
- ▶ Safe to use: free from aldehydes and phenols.

Use

Spray **Zeta 3 Soft** onto the objects to disinfect and distribute evenly over the entire surface with a wipe. Leave the instruments to dry.

Spectrum



Bactericidal: EN 13727, EN 14561 (*S. aureus*, *P. aeruginosa*, *E. hirae*)

Fungicidal: EN 13624, EN 14562 (*C. albicans*)

Tuberculocidal: EN 14348, EN 14563 (*M. terrae*)

Virucidal: EN 14476 (tested on Poliovirus, Adenovirus, Norovirus, Parvovirus, including HIV, HBV, HCV, H1N1)

Zeta 3 Wipes TOTAL



Surfaces

Alcohol solution wipes for the rapid disinfection and cleaning of the surfaces of small medical devices.

Active ingredients: alcohols.



PRODUCT BENEFITS

- ▶ Excellent protection: bactericidal, fungicidal, tuberculocidal and virucidal.
- ▶ 2-in-1 action: simultaneous cleaning and disinfecting.
- ▶ Dries residue-free.
- ▶ Reduced alcohol content, below 50%.
- ▶ Safe to use: free from aldehydes and phenols.

Use

Rub **Zeta 3 Wipes TOTAL** over the entire surface to be disinfected and leave to dry.

Spectrum



Bactericidal: EN 13727, EN 14561 (S. aureus, P. aeruginosa, E. hirae)

Fungicidal: EN 13624, EN 14562 (C. albicans)

Tuberculocidal: EN 14348, EN 14563 (M. terrae)

Virucidal: EN 14476 (tested on Poliovirus, Adenovirus, Norovirus, Parvovirus, including HIV, HBV, HCV, H1N1)

Standards applicable to the solution

Effectiveness of wipes (according to prEN 16615, 10 mins contact):

R>4Log against S. aureus, E. hirae

R>3Log against C. albicans, P. aeruginosa

Zeta 3 Foam



Surfaces

A ready-to-use, alcohol-free disinfectant and detergent foam. Especially suitable for more delicate medical device surfaces (handpieces, contra-angles, dental units, etc.).

Active ingredients: 5th generation quaternary ammonium salts.

LEMON FRAGRANCE



PRODUCT BENEFITS

- ▶ Excellent protection: bactericidal, fungicidal, tuberculocidal and virucidal.
- ▶ Fully compatible with all materials.
- ▶ Practical: the highly visible nature of the foam makes it easy to spread over the entire surface to disinfect.
- ▶ Safe to use: free from aldehydes and phenols.

Use

Spray **Zeta 3 Foam** onto the objects to disinfect and distribute evenly over the entire surface with a wipe. Leave the instruments to dry.

Spectrum



Bactericidal: EN 13727, EN 14561 (*S. aureus*, *P. aeruginosa*, *E. hirae*)

Fungicidal: EN 13624, EN 14562 (*C. albicans*)

Tuberculocidal: EN 14348, EN 14563 (*M. terrae*)

Virucidal: EN 14476 (tested on Poliovirus, Adenovirus, Norovirus, Parvovirus, including HIV, HBV, HCV, H1N1)

Zeta 3 Wipes POP-UP



Surfaces

Large wipes soaked in an alcohol-free solution for the rapid disinfection and cleaning of medical device surfaces, including delicate surfaces (dental units in real or artificial leather, plexiglass surfaces, etc.).

Active ingredients: quaternary ammonium salts.

MINT FRAGRANCE



PRODUCT BENEFITS

- ▶ Excellent protection: bactericidal, fungicidal, tuberculocidal and virucidal.
- ▶ Fully compatible with all materials.
- ▶ Strong, soft and compact fabric.
- ▶ Safe to use: free from aldehydes and phenols.

Use

Rub **Zeta 3 Wipes POP-UP** thoroughly over the entire surface to be disinfected.

DERMATOLOGICALLY TESTED

Spectrum



Bactericidal: EN 13697, EN 1276*, EN 14561*, EN 14561 (MRSA)

Fungicidal: EN 13697 (A. niger), EN 14562 (A. fumigatus)

Yeasticidal: EN 1650*, EN 13624, EN 13697, EN 14562 (C. albicans)

Tuberculocidal: EN 14348, EN 14563 (M. terrae)

Virucidal: EN 14476 (HBV, HCV, Adenovirus, Coronavirus, Norovirus, VRS, Polyomavirus, H1N1, Rotavirus), EN 14476* (HSV)
In clean conditions

* In dirty conditions

Zeta 4 Wash



Surfaces

A concentrated detergent and deodorising solution for washable surfaces.

Active ingredients: non-ionic and cationic surfactants.



PRODUCT BENEFITS

- ▶ Ensures rapid, deep cleaning and leaves a fresh, clean fragrance.
- ▶ Compatible with all materials.
- ▶ Over 90% biodegradable.

Use

Add 1-2 dosing caps to every litre of water. For cleaning ingrained dirt, use a few drops of the concentrated solution on a damp cloth.



Special applications



Zeta 5 Power Act

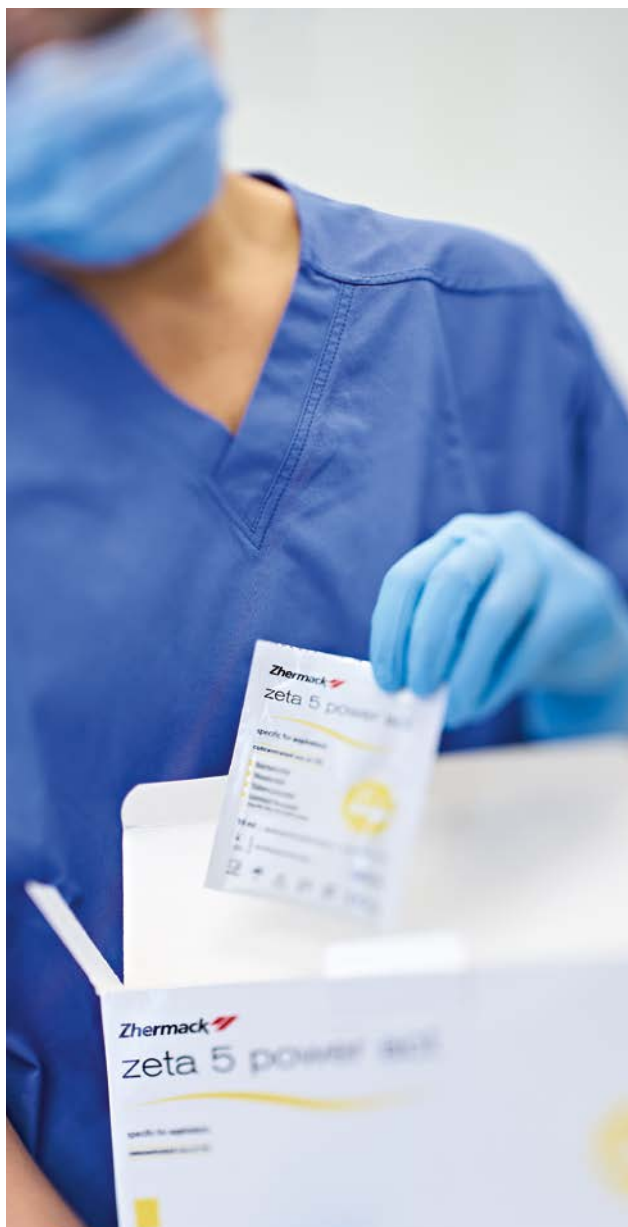


Special applications

A specific concentrated product for disinfecting, cleaning and deodorising vacuum circuits and rinsing basins.

Active ingredients: alkylamine and quaternary ammonium salts.

1% DILUTION



PRODUCT BENEFITS

- ▶ Excellent protection: bactericidal, yeasticidal, tuberculocidal and, within limits, virucidal.
- ▶ Rapid acting formula: disinfects in 15 minutes.
- ▶ Tested for excellent performance and proven compatible with the materials of all common dental units.
- ▶ Non-foaming and non-aggressive to vacuum tubes.
- ▶ Safe to use: free from aldehydes and phenols.

Use

1% dilution: add 10 ml of **Zeta 5 Power Act** or a single dose 10 ml sachet to every litre of water and stir to dissolve. Prepare at least one litre of solution per dental unit.

Aspirate the prepared solution through the vacuum system. Leave the solution work for 15 minutes to achieve rapid disinfection (excluding tuberculocidal action) or leave overnight for complete action.

Pour at least 250 - 300 ml of disinfectant solution into the rinsing basin and leave to work.

ONE LITRE OF ZETA 5 POWER ACT GIVES 100 LITRES OF DISINFECTANT SOLUTION.

Spectrum



Bactericidal: EN 13727, EN 14561 (S. aureus, P. aeruginosa, E. hirae)

Yeasticidal: EN 13624, EN 14562 (C. albicans)

Tuberculocidal: EN 14348 (M. terrae)

Virucidal (within limits): prEN 16777, DWV/RKI against encapsulated and lipophilic viruses including haematic viruses (HIV, HBV, HCV), herpes simplex and virus families such as orthomyxoviridae (including all forms of human and animal influenza virus such as H5N1 and H1N1), filoviridae (ebola virus) and paramyoviridae (measles virus)

Zeta 5 Unit



Special applications

A specific concentrated disinfectant for vacuum circuits.

Active ingredients: O-phenylphenol sodium salt.

5% DILUTION



PRODUCT BENEFITS

- ▶ Bactericidal, fungicidal, tuberculocidal and virucidal.
- ▶ 3-in-1 action: disinfects, cleans and deodorises.
- ▶ Non-foaming and non-aggressive to vacuum tubes.
- ▶ Effective even in the presence of organic contaminants.

Use

5% dilution: add 4 caps of **Zeta 5 Unit** to every litre of water.

Aspirate the solution through the vacuum system and leave to work inside the circuit. Repeat at the end of every working day.

ONE CANISTER OF ZETA 5 UNIT GIVES 100 LITRES OF DISINFECTANT SOLUTION.

Spectrum

Bactericidal

Fungicidal

Tuberculocidal

Virucidal: (Adenovirus, Enterovirus, Herpesviridae, HBV, HCV, HDV, HIV).



Zeta 7 Spray



Special applications

A ready-to-use disinfectant spray for the rapid disinfection of impressions.

Active ingredients: alcohols.



PRODUCT BENEFITS

- ▶ Excellent protection: bactericidal, fungicidal, tuberculicidal and virucidal.
- ▶ Compatible with all impression materials (silicones, alginates, polyethers and polysulfides).
- ▶ Safe to use: free from aldehydes and phenols.
- ▶ Improves precision in the reproduction of gypsum models.
- ▶ Practical and fast, disinfects up to 250 impressions.

Use

Rinse the impression under running water. Spray **Zeta 7 Spray** onto both sides of the impression to obtain a continuous film of disinfectant covering the two surfaces. Leave to dry for at least 3 minutes.

RESPECTS THE DIMENSIONAL STABILITY OF IMPRESSIONS AND THEIR COMPATIBILITY WITH GYPSUM.

Spectrum



Bactericidal: EN 13727 (S. aureus, P. aeruginosa, E. hirae)

Fungicidal: EN 13624 (C. albicans)

Tuberculicidal: EN 14348, EN 14563 (M. terrae)

Virucidal: EN 14476 (tested on Poliovirus, Adenovirus, Norovirus, Parvovirus, including HIV, HBV, HCV)

Zeta 7 Solution



Special applications

A concentrated disinfectant for impressions.

Active ingredients: quaternary ammonium salts, phenoxyethanol.

1% DILUTION



PRODUCT BENEFITS

- ▶ Excellent protection: bactericidal, fungicidal, tuberculocidal and virucidal.
- ▶ Compatible with all impression materials (silicones, alginates, polyethers and polysulfides).
- ▶ Respects the dimensional stability of impressions and their compatibility with gypsum.
- ▶ Safe to use: free from aldehydes and phenols.

Use

1% dilution: add 10 ml of **Zeta 7 Solution** to every litre of water. Rinse the impression under running water. Immerse the impression in the disinfectant solution for 10 minutes. Remove the impression from the bath and rinse it thoroughly.

ONE LITRE OF ZETA 7 SOLUTION GIVES 100 LITRES OF DISINFECTANT SOLUTION.

Spectrum



Bactericidal: EN 13727 (*S. aureus*, *P. aeruginosa*, *E. hirae*)

Fungicidal: EN 13624 (*C. albicans*)

Tuberculocidal: EN 14348, EN 14563 (*M. terrae*)

Virucidal: EN 14476 (tested on Poliovirus, Adenovirus, Parvovirus, including HIV, HBV, HCV)

Algitray



Special applications

A specific, pH-neutral detergent for removing alginate residues from impression trays and other instruments.



PRODUCT BENEFITS

- ▶ Excellent performance: quickly removes all traces of alginate from impression trays and other instruments.
- ▶ Safe to use on instruments: non-aggressive to metals thanks to a neutral pH.

Use

Add 50 g of **Algitray** (2 measures) to 500 ml of water and stir gently until completely dissolved. Immerse the instruments or trays and leave the solution to work for about 15-30 minutes, depending on the type and quantity of residue.

Remove the items from the solution and rinse with water.

ONE 500 G TUB OF ALGITRAY GIVES 5 LITRES OF DISINFECTANT SOLUTION



Gypstray



Special applications

A ready-to-use solution for removing residues of gypsum and gypsum coatings from impression trays, resin prostheses and instruments.



PRODUCT BENEFITS

- ▶ Excellent performance: quickly removes all traces of gypsum from impression trays and other instruments.
- ▶ Practical and ready to use.
- ▶ Safe on materials: a non-aggressive formula guarantees safe use every time.

Use

Pour out enough **Gypstray** to completely cover the items to clean. Immerse the instruments or trays and leave the solution to work for about 15-30 minutes, depending on the type and quantity of residue. Effervescence indicates that the solution is working.

Remove the items from the solution and rinse with water.

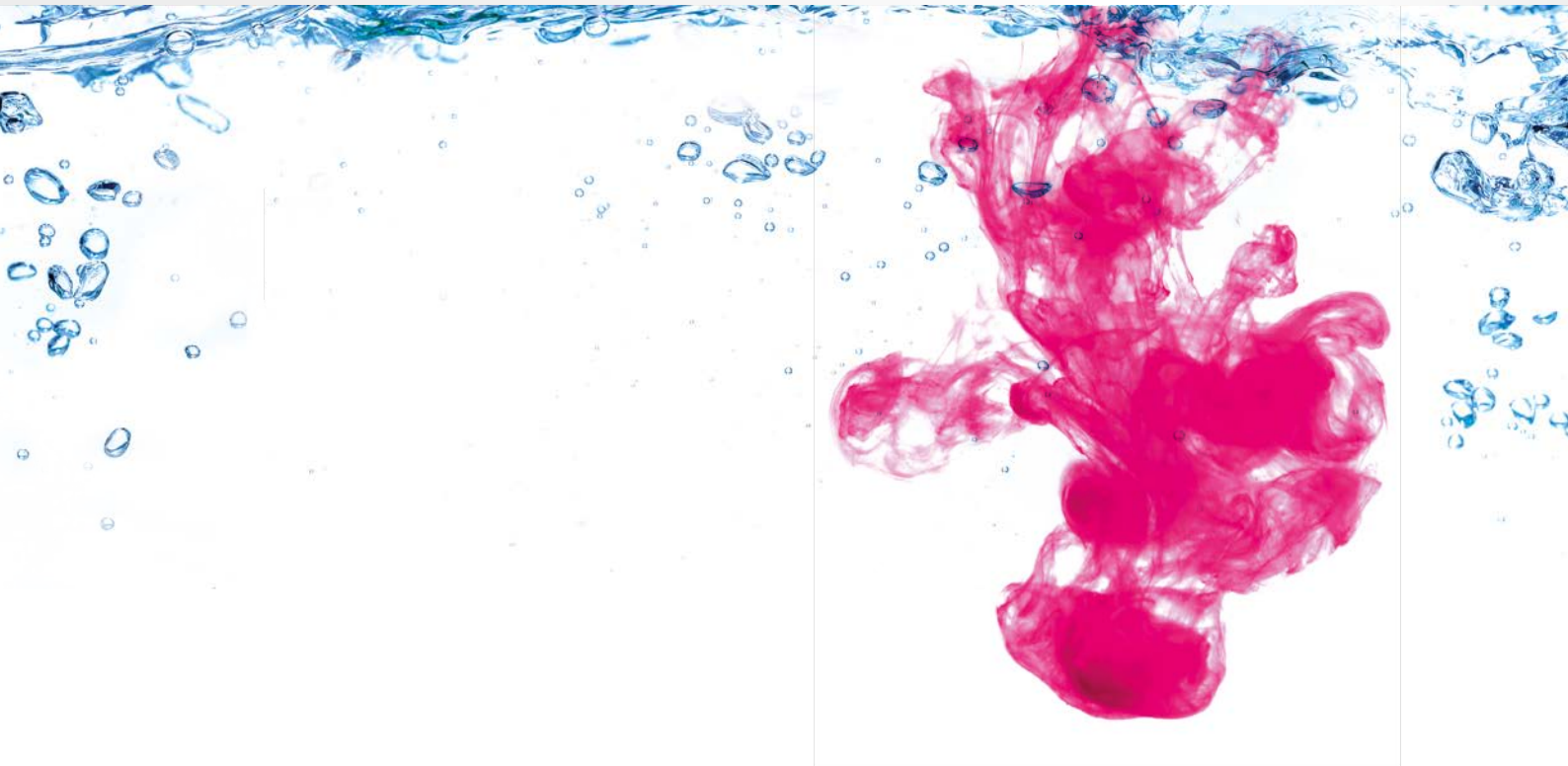


Zhermack



dentalart

Hands



Zeta 6 Hydra



Hands

An ultra-delicate detergent for frequent use on hands and delicate skin.

Active ingredients: aqua (water), cocamidopropyl betaine, sodium cocoamphoacetate, lauryl glucoside, glycerin, ammonium lauryl sulfate, glyceryl oleate, hydrolyzed rice protein, coco glucoside, sodium lauryl glucose carboxylate, sodium cocoyl glutamate, dehydroacetic acid, benzyl alcohol, citric acid, disodium EDTA, parfum (fragrance).



PRODUCT BENEFITS

- ▶ Nourishing, protective and moisturising action.
- ▶ Free from sodium lauryl ether sulfate (SLES) and parabens.
- ▶ Also suitable for washing face and body.

Use

Wet the hands and pour **Zeta 6 Hydra** into the palm of one hand. Rub the hands together thoroughly then rinse and dry.

Zeta 6 Hydra contains a mix of vegetable substances with the following properties:

- nourishing, thanks to hydrolyzed rice protein, which restores the skin's natural softness
- protective, thanks to glyceryl oleate, which preserves and helps restore the lipidic structure of the skin's outer layers
- moisturising, thanks to glycerin, which helps prevent dryness and irritation

Zeta 6 Drygel



Hands

A specially formulated gel for cleanliness and hygiene of the hands.

Active ingredients: alcohol, aqua (water), isopropyl alcohol, tocopheryl acetate, glycerin, carbomer, coco glucoside, glyceryl oleate, aminomethyl propanol, citric acid, parfum (fragrance).



PRODUCT BENEFITS

- ▶ Enriched with dermo-protective substances like vitamin E and glyceryl oleate to combat ageing of the skin.
- ▶ Practical in all situations: no rinsing necessary.
- ▶ Quick drying, leaves the hands soft and pleasantly perfumed.

Use

Pour a sufficient quantity of the product directly onto the hands and rub in for at least 30 seconds. Leave dry without rinsing.



Packaging



Disinfectants and sterilising agents for surgical and rotary dental instruments

Code	Product	Packaging
C810000	Zeta 1 Ultra	1 litre bottle
C810001	Zeta 1 Ultra	5 litre canister with dispenser
C810012	Zeta 2 Enzyme	1200 g tub with dosing spoon
C810011	Zeta 2 Sporex	900 g tub with dosing spoon



Disinfectants and cleansers for the surfaces of medical devices

Code	Product	Packaging
C810023	Zeta 3 Soft	750 ml bottle with spray cap
C810024	Zeta 3 Soft	5 litre canister (2 x 2.5 litres) with dispenser
C810027	Zeta 3 Soft Classic	750 ml bottle with spray cap
C810028	Zeta 3 Soft Classic	5 litre canister (2 x 2.5 litres) with dispenser
C810025	Zeta 3 Foam	750 ml bottle with foam dispenser
C810026	Zeta 3 Foam	3 litre canister with dispenser
C810063	Zeta 3 Wipes TOTAL	Tub of 120 wipes
C810062	Zeta 3 Wipes TOTAL	Soft pack of 120 wipes
C810064	Zeta 3 Wipes POP-UP	Soft pack of 100 wipes
C810037	Zeta 4 Wash	3 litre canister



Special applications
Disinfectants for vacuum circuits

Code	Product	Packaging
C810040	Zeta 5 Power Act	1 litre bottle
C810038	Zeta 5 Power Act	50 x 10 ml single-dose sachets
C800061	Zeta 5 Unit	5 litre canister



Special applications
Disinfectants for impressions

Code	Product	Packaging
C810050	Zeta 7 Spray	750 ml bottle with spray cap
C810048	Zeta 7 Solution	1 litre bottle



Special applications
Cleaning and removing alginate and gypsum residues from instruments

Code	Product	Packaging
C400430	Algitray powder	2 x 500 g tubs (powder) + dosing spoon
C400441	Gypstray	3 litre canister



Cleaning and disinfecting hands

Code	Product	Packaging
C810042	Zeta 6 Hydra	1 litre bottle with dosing cap
C810043	Zeta 6 Hydra	5 litre canister with dispenser
C810045	Zeta 6 Drygel	500 ml bottle
C810046	Zeta 6 Drygel	1 litre bottle



European standards

BACTERICIDAL ACTIVITY

EN 13727

Suspension activity (phase 2/1):

"Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of bactericidal activity for instruments used in the medical area."

EN 14561

Surface activity (phase 2/2):

"Chemical disinfectants and antiseptics - Quantitative carrier test for the evaluation of bactericidal activity for instruments used in the medical area."

Reference micro-organisms:

Staphylococcus aureus (gram positive bacteria model micro-organism) ATCC 6538.

Pseudomonas aeruginosa (gram negative bacteria model micro-organism) ATCC 15442.

Enterococcus hirae (gram positive bacteria, present in places contaminated with faeces) ATCC 10541.

Interfering substances:

0.3% ram erythrocytes and 0.3% bovine albumen (simulating the presence of heavy contamination with organic material) – Dirty conditions.

Requirement:

≥ 5 log microbial reduction at the indicated concentrations and contact times.

FUNGICIDAL ACTIVITY

EN 13624

Suspension activity (phase 2/1):

"Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity in the medical area."

EN 14562

Surface activity (phase 2/2):

"Chemical disinfectants and antiseptics – Quantitative carrier test for the evaluation of fungicidal or yeasticidal activity for instruments used in the medical area."

Reference micro-organisms:

Aspergillus niger (mould model microorganism) ATCC 16404

Candida albicans (yeast model microorganism) ATCC 10231

Interfering substances:

0.3% ram erythrocytes and 0.3% bovine albumen (simulating the presence of heavy contamination with organic material) – Dirty conditions.

Requirement:

≥ 4 log microbial reduction at the indicated concentrations and contact times.

MYCOBACTERICIDAL ACTIVITY:

EN 14348

Suspension activity (phase 2/1):

"Chemical disinfectants and antiseptics — Quantitative suspension test for the evaluation of mycobactericidal activity of chemical disinfectants in the medical area including instrument disinfectants."

EN 14563

Surface activity (phase 2/2):

"Chemical disinfectants - Quantitative carrier test for the evaluation of mycobactericidal activity of chemical disinfectants for instruments used in the medical area."

Reference micro-organisms:

Mycobacterium terrae (non-pathogenic Mycobacterium tuberculosis model) ATCC 15755

Mycobacterium avium (non-pathogenic mycobacteria sp. model) ATCC 15769

Interfering substances:

0.3% ram erythrocytes and 0.3% bovine albumen (simulating the presence of heavy contamination with organic material) - Dirty conditions.

Requirement:

≥ 4 log microbial reduction at the indicated concentrations and contact times.

VIRUCIDAL ACTIVITY:

EN 14476

Suspension activity (phase 2/1):

"Chemical disinfectants and antiseptics. Quantitative suspension test for the evaluation of virucidal activity in the medical area."

Reference micro-organisms:

Type 1 poliovirus (Picornavirus group - RNA virus), LSc - 2ab strain;

Type 5 Adenovirus (Adenovirus group - DNA virus), Adenoid 75 strain, ATCC VR - 5;

Bovine parvovirus, Haden strain, ATCC VR – 767 (optional).

Interfering substances:

3.0% bovine foetal serum (simulating the presence of blood as contaminant) – Dirty conditions.

Requirement:

≥ 4 log microbial reduction at the indicated concentrations and contact times.

prEN 16777 – DVV/RKI

Surface activity (phase 2/2):

Chemical disinfectants and antiseptics - Quantitative non-porous surface test without mechanical action for the evaluation of virucidal activity of chemical disinfectants used in the medical area - Test method and requirements (Phase 2/Step 2)

Reference micro-organisms:

Modified Vaccinia Ankara virus (MVA), ATCC VR-1508

Bovine viral diarrhoea virus (BVDV), a surrogate of HCV (Hepatitis C virus), NADL (VR-534)

Interfering substances:

bovine foetal serum (simulating the presence of blood as contaminant)

- Dirty conditions.

Requirement:

≥ 4 log microbial reduction at the indicated concentrations and contact times.

SPORICIDAL ACTIVITY:

EN 13704

Suspension activity (phase 2/1):

"Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of sporicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas."

Reference micro-organisms:

Bacillus subtilis var. niger ATCC 9372

Interfering substances:

0.03% bovine albumen (simulating the presence of contaminating organic material) - Clean conditions.

Requirement:

≥ 3 log reduction at the indicated concentrations and contact times.

Fulfilling your needs