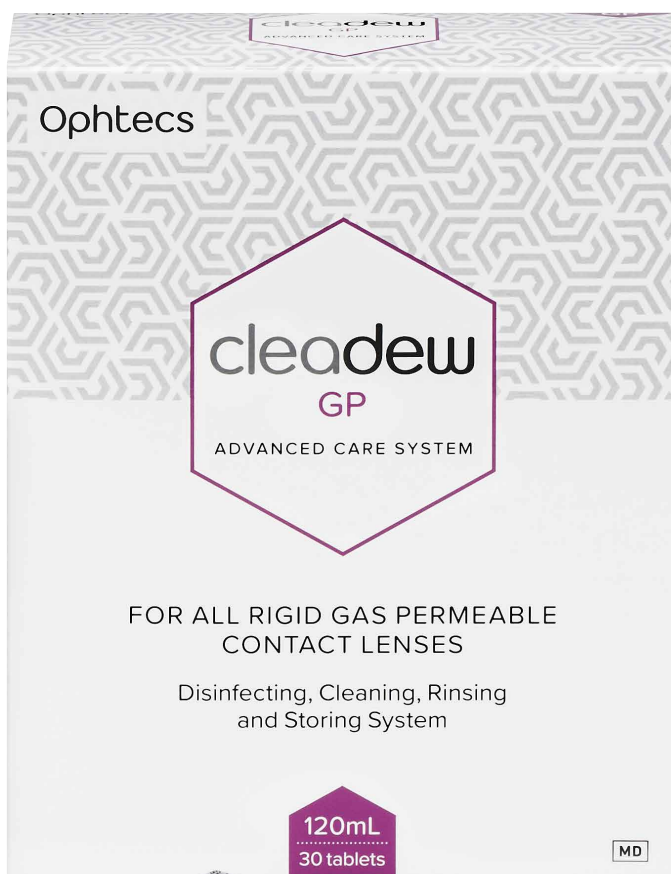


cleadew GP

ADVANCED CARE SYSTEM

FOR ALL
RIGID GAS PERMEABLE
CONTACT LENSES



Ophtecs

FEATURE 1

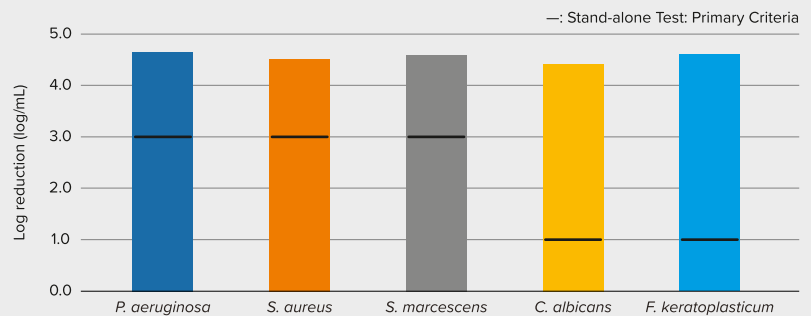
Disinfect

Use of povidone-iodine as a disinfectant with high efficacy

Povidone-iodine is widely known to be a highly effective disinfectant against microorganisms that adhere to contact lenses.

cleadow GP has a high disinfecting efficacy against a wide range of microorganisms including bacteria, viruses, and even the highly resistant acanthamoeba.

Efficacy against standard strains



(Ophtecs data)

Test method:

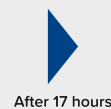
According to stand-alone test (ISO14729), 1.0×10^{10} cfu/mL of the test strains are placed into **cleadow GP** and left aside for the required care time. The remaining live strains are counted afterwards.

Efficacy against acanthamoeba

Povidone-iodine solution instantly destroys and inhibits the growth of acanthamoeba cells.



After introducing the solution



After 17 hours



After replacing with culture medium

Test method:

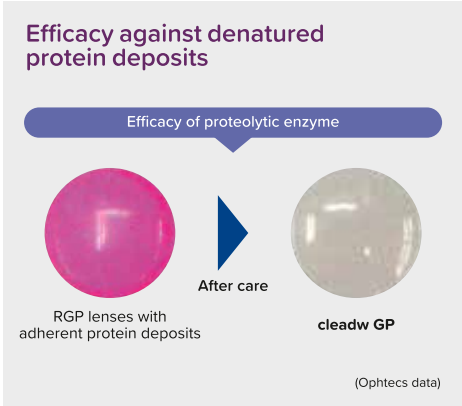
Acanthamoeba (trophozoite) is inoculated in disinfecting solution and neutralizing and cleaning tablet of **cleadow GP**. After 4 hours, the solution containing acanthamoeba is introduced into E.coli-MY culture medium. After 17 hours, the condition of acanthamoeba is examined.

(Ophtecs data)

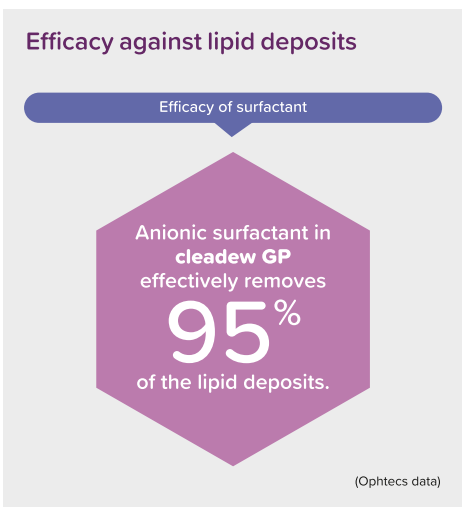
FEATURE 2
Clean

Deep removal of protein and lipid deposits on contact lens

The proteolytic enzyme in **cleadow GP** effectively breaks down and removes the adherent protein deposits.
A proteolytic enzyme is included in the solution to break down and remove the deposits effectively without the need of a separate cleaner. A surfactant is also present to remove lipid deposits.



Test method: Adhere denatured lysozyme deposits onto the lens and carry out care with **cleadow GP**. Dye the leftover deposits in red before confirming the leftover counts.

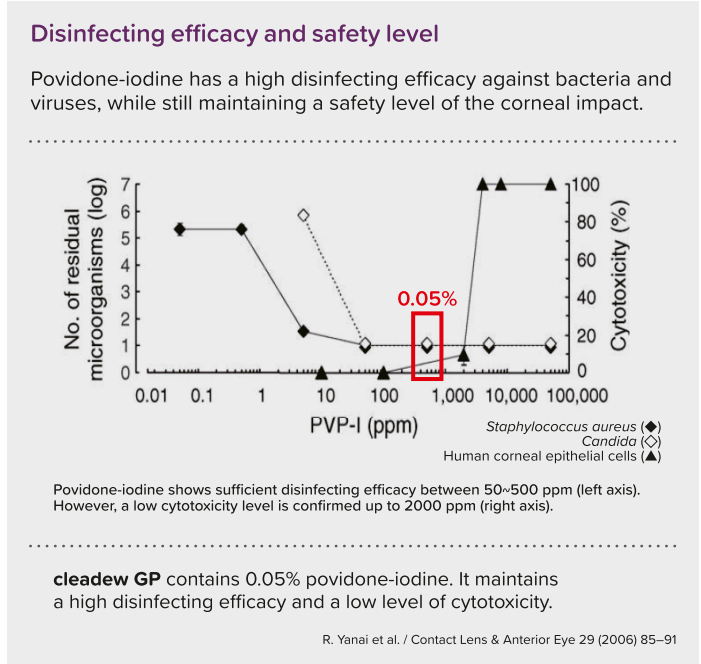


Test method: Adhere compounding lipid deposits onto the lens and carry out care with **cleadow GP**. The removal efficacy is measured and determined by the amount of leftover lipid deposits.

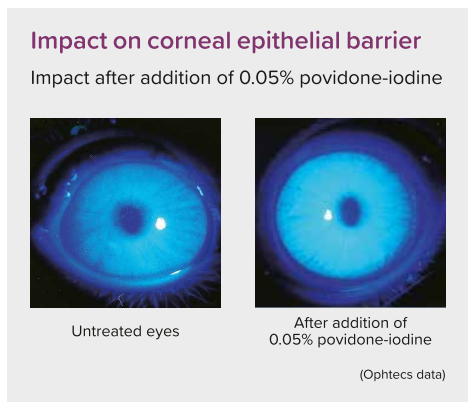
FEATURE 3
Safety

Ensure safety to the eyes

cleadow GP is highly effective against infection-causing microorganisms, and it ensures safety to the corneal epithelium.
Not only is it highly effective against microorganisms, but also has a low concentration level to ensure safety to the eyes.



Test method: Add 0.05% of povidone-iodine into the eyes of the laboratory rabbit. After 5 minutes, apply fluorescent dye into the eyes and examine it with blue rays under a slit lamp.

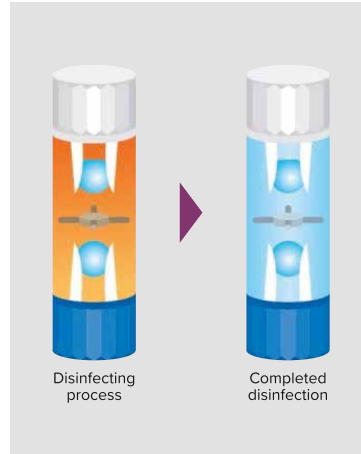


EASE OF USE

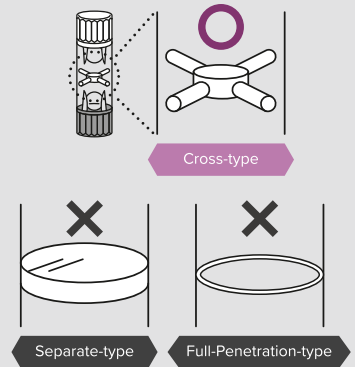
No-rub, one-step care system!

Simple care by just inserting a neutralizing and cleaning tablet and the disinfecting solution into the lens case.

Through the visual indication of a complete disinfection, anyone can carry out the correct lens care with ease.



Recommended Lens Case.



CONTENTS



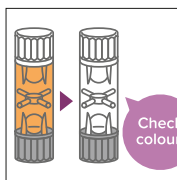
- 1 **Disinfecting solution:** 120mL × 1
Povidone-iodine (0.05%),
Boric acid
- 2 **Rinsing solution (cleadew CareSolution):** 120mL × 1
Hydrogen peroxide as preservative (0.004%),
Boric acid
- 3 **Neutralizing and cleaning tablet:** 30 tablets
Sodium sulfite (2.4mg/tablet),
Proteolytic enzyme (8.0mg/tablet)
- 4 **Lens case:** 1

- Wash your hands well with mild soap before handling your contact lenses.
- Be sure to use the dedicated case.

HOW TO USE



- 1
 - Place the lenses into the case's lens holders.
 - Close the case lid on one side, put a neutralizing and cleaning tablet in, and fill up to 90% of the case with the orange disinfecting solution.
 - Close the lid on the other side tightly.
 - Soak the lenses for over four hours (or overnight).
 - Confirm that the lenses and the solution are clear.



- 2
 - Open the lid on one side and discard the solution in the lens case.
 - Pick up the cleaned/disinfected lenses from the holder. Hold them with your fingers and rinse both sides with **cleadew CareSolution** for at least 10 seconds.

CAUTION

Avoid using saline or MPS solutions containing sodium chlorite as a preservative or disinfectant.

- 3
 - After the care of the lenses is completed, wash the lens case with **cleadew CareSolution** and allow it to air dry.