

PRODUCT DATA SHEET

Planet Strong – The Convincing Solution for Skin, Surfaces, Boot, and Sole Disinfection, as well as CIP Cleaning

Get to know Planet Strong – an extremely effective, sustainably produced disinfectant concentrate based on sodium hypochlorite and hypochlorous acid. This powerful combination ensures reliable efficacy and a broad spectrum of action against microorganisms, including spores. Experience how Planet Strong efficiently eliminates existing biofilms and effectively prevents their reformation.

Trust Planet Strong for effective disinfection in the following areas:

- ✓ Boot and sole cleaning systems
- ✓ Walk-through pools
- ✓ Hygiene sluices with sole cleaning
- ✓ Skin and surfaces
- ✓ CIP cleaning



PRODUCT ADVANTAGES

- **Short contact time:** For example, a contact time of 30 seconds according to EN 13727 at an application concentration of 3%.
- **Gentle disinfection:** Our formula has been dermatologically tested and rated as "very good."
- **Storage and handling:** According to Regulation (EU) No 1272/2008, the product is not classified as flammable liquids, which facilitates storage and handling. *
- **Alcohol-free formulation:** Provides protection without drying the skin and is gentle for sensitive skin types.
- **Reliable disinfection:** Effective against bacteria (such as Salmonella, Listeria, and TB), yeasts, enveloped viruses (such as HBV, HIV, HCV, Vaccinia viruses, BVDV, Corona).
- **Material-friendly:** Planet Strong is gentle on stainless steel and many plastics at the recommended concentration. However, soft metals like aluminum, zinc, and galvanized iron may be affected. **
- **Effective denaturation and removal of proteins:** Ideal for piping systems.
- **Biofilm control:** Planet Strong cleans effectively and prevents the formation of biofilm, raising the hygiene standard in your facilities.
- **Odor elimination:** Eliminates odors through disinfection.
- **Halal and Kosher certification:** For special requirements and needs.
- **Free of additives:** Planet Strong does not contain perfumes, dyes, surfactants, QAC, and phenols.

* According to Regulation (EU) No 1272/2008, Planet Strong is classified as Aquatic Chronic 3.

** If the intake devices of your sole cleaning system contain soft metals, we are happy to assist you in replacing them with plastic materials.

Use biocidal products with caution. Always read the label and product information before use.

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Further information can be obtained
using the provided contact details.
Stand: 17.10.2023

RECOMMENDED USE

Surface, Boot, and Sole Disinfection

1. **Preparation:** Start by removing heavy dirt or using a cleaning agent if necessary for pre-cleaning.
2. **Proper Dilution:** Refer to the overview table on page 4 to prepare the desired concentration with tap water.
3. **Application of Disinfectant:** Evenly distribute approximately 50 ml/m² of the solution on the surface to be disinfected to ensure complete coverage.
4. **Adherence to Contact Time:** The recommended contact time varies depending on the type of microorganisms. For instance, at a concentration of 3% according to EN 13727, it is thirty seconds. Detailed information can be found in the overview table on page 4.
5. **Completion:** If necessary, you can rinse the disinfected surface with clear water or damply wipe it.

Hygienic Hand Disinfection per EN 1500

1. **Application:** Squeeze out 2x3 ml of Planet Strong (in a 20% solution) and apply it to dry, undamaged hands using the standard rubbing technique for a duration of 60 seconds. Do not rinse.
2. **Moisturize Hands:** Keep your hands moist with the product throughout the entire 60-second exposure period.
3. **Attention to Detail:** Pay particular attention to the fingertips, thumbs, and nail folds during the hand disinfection process.

CIP Cleaning

1. **Pre-cleaning (if necessary):** Prior to CIP cleaning, perform pre-cleaning as needed using a suitable cleaning agent.
2. **Dilution and Temperature:** Depending on the exposure time, temperature, and level of contamination, prepare a cleaning solution with a concentration ranging from 0.5% to 5% within the temperature range of 30 to 50°C.
3. **Correct Exposure Times:** Ensure that you observe the correct exposure times specific to the type of microorganisms present. Please refer to the overview table for guidance on specific exposure times.
4. **Rinse:** Conclude the cleaning process by thoroughly rinsing the treated surfaces with clean water.

MATERIAL COMPATIBILITY

- Common materials such as stainless steel (V2A or V4A) are not affected when used correctly.
- Soft metals like aluminum or copper may be susceptible to attack if the concentration is too high or the contact time is too long.

Therefore, it is important to follow the recommended application guidelines and, if there are any concerns, perform a pre-test in an inconspicuous area to assess any potential effects on sensitive materials.

INGREDIENTS

Water, Sodium Chloride; Active chlorine released from sodium hypochlorite

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TECHNICAL DATA

- UFI: RK9E-12D2-V008-1RGJ
- BAuA: N-101035
- Appearance: Colorless liquid
- Odor: Chlorine-like
- Active Ingredient: Active chlorine released from sodium hypochlorite, approximately 4.95 g/kg
- Density (g/cm³): 1
- pH Value: 9.0 - 9.5
- Storage: 5 - 30°C

In accordance with Annex V of the Biocidal Products Regulation (BPR), it is suitable for PT1 (human hygiene), PT2 (surface disinfection), PT3 (veterinary hygiene), PT4 (food and feed area), PT5 (drinking water), PT11 (preservatives for cooling and processing systems), and PT12 (anti-slime agents). (Refer to Baua notification.)

HAZARDS AND SAFETY INSTRUCTIONS

- Harmful to aquatic organisms, with long-term effects. Avoid release into the environment.
- Dispose of contents/container in accordance with local/regional/national/international regulations.

CUSTOMER INSTRUCTIONS

- Conduct corrosion testing when using on metal alloys.
- Subject dosing pumps from dispensers to corrosion testing.
- Discoloration of textiles may occur when using Planet Strong. Please test for colorfastness and material compatibility in an inconspicuous area, especially with materials such as marble, natural stone, or leather.
- Take care not to introduce foreign substances into the product.
- Do not mix the product Planet Strong with acids.
- Please observe the information regarding the expiration date on the label.
- The mixture is not suitable for consumption.

STORAGE CONDITIONS

- Consume opened containers within 3 months.
- Store containers tightly closed in a well-ventilated area.
- Protect from heat, direct sunlight, and UV light.
- Store containers upright and protect from freezing.
- Use containers made of High Density Polyethylene (HDPE).

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SUMMARY TABLE OF EN STANDARDS (HAND DISINFECTION)

EN Standard	Description	Exposure Time/ Dosage	Note (Challenge) at 20°C
1500	Hygienic hand disinfection	1 min. / 20%	low
14476	Limited virucidal (enveloped viruses)	1 min. / 10%	high
13624	Levorocidal	1 min. / 20%	low
13727	Bactericidal	30 sec. / 3%	low

SUMMARY TABLE OF EN STANDARDS (SURFACE DISINFECTION)

EN Standard	Description	Exposure Time/ Dosage	Note (Challenge) at 20°C
14476	Limited virucidal (enveloped viruses, e.g., SARS-CoV-2)	1 min. / 10%	high
14476	Virucidal (Poliovirus)	5 min. / 20%	high
14476	Limited virucidal PLUS (Murine Noro)	5 min. / 20%	high
14476	Limited virucidal PLUS (Murine Norovirus)	5 min. / 20%	high
13704	Sporicidal	20 min. / 15%	high
16777	Limited virucidal	15 min. / 20%	high
13697	Bactericidal	5 min. / 20%	low
13697	Levorocidal	15 min. / 10%	low
1650	Fungicidal	15 min. / 10%	low
1650	Levorocidal	15 min. / 10%	low
13624	Levorocidal	1 min. / 20%	low
13727	Bactericidal	30 sec. / 3%	low
1275	Fungicidal	15 min. / 10%	low
1276	Bactericidal	5 min. / 10%	low
1040	Bactericidal	5 min. / 0,1%, 0,5%, 1%	low

Please note that all information on this product information sheet complies with applicable legal provisions and regulations and has been created to the best of our knowledge and belief. To ensure a safe and effective use of the product, please follow the instructions and recommendations provided on this sheet.

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