

ProvaCharge Foam

TECH DATA SHEET

PRODUCT OVERVIEW

ProvaCharge Foam is a two-part liquid disinfectant designed for addressing difficult microbial control challenges impacting quality and food safety objectives on food contact and non-food contact equipment and surfaces.

When mixed at time of use, ProvaCharge Foam (ProvaCharge F100 + ProvaCharge P500) has the unique ability to penetrate and destroy biofilms and simultaneously kill pathogens such as *Listeria monocytogenes*, *Salmonella enterica*, *E. coli*.

2-PART LIQUID DISINFECTANT

PT 1 PROVACHARGE F100

25 Litre #30610183
220 Litre #30610184

PT 2 PROVACHARGE P500

25 Litre #30630187
220 Litre #30630188

EFFICACY

BACTERIA + YEAST 10 minute contact time		BIOFILM BACTERIA 10 minute contact time		SPORES 10 minute contact time	
Organism	Method	Organism	Method	Organism	Method
<i>Pseudomonas aeruginosa</i>	EN 1276 EN 13697	<i>Pseudomonas aeruginosa</i>	ASTM E2871-21	<i>Bacillus subtilis</i>	EN 13704 EN 13697
<i>Staphylococcus aureus</i>		<i>Staphylococcus aureus</i>			
<i>Escherichia coli</i>		<i>Listeria monocytogenes</i>			
<i>Enterococcus hirae</i>					
<i>Candida albicans</i>	EN 1650 EN 13697				

PROPERTIES

	PROVACHARGE F100	PROVACHARGE P500
Form	Liquid	Liquid
Appearance	Clear Liquid	Clear Liquid
Odour	Odourless	Pungent
Foam	High Foaming	No Foam
Spec. Gav. (20°C)	1.010 g/mL	1.100 g/mL
pH (1% dilution)	3.0-3.5	1-2
Avg. Freeze Point	0°C	-42°C

Refer to the SDS for additional health and safety information.
The mixture is not more hazardous than the individual components.

APPLICATIONS

- + Open Plant Cleaning (OPC)
- + Food processing equipment (foam, spray)
- + Food contact + Environmental surfaces
- + Conveyor surfaces + Belts
- + Drain program (foam into drains)
- + Floors



COMPATIBILITY

Compatibility test for ProvaCharge on common materials.

METAL COUPONS		ELASTOMERIC COUPONS	
MATERIAL	FOAM	MATERIAL	FOAM
Aluminum 1100-0	Compatible	Natural Rubber	Non-Compatible
Aluminum 1100	Compatible	Polycarbonate	Compatible
Aluminum 3003	Compatible	HDPE	Compatible
Aluminum 5052	Compatible	LDPE	Compatible
Aluminum 6061	Compatible	Polypropylene	Compatible
Aluminum 7075	Compatible	PVC	Compatible
Stainless Steel 304	Compatible	Teflon	Compatible
Stainless Steel 316	Compatible	Delrin	Compatible
		BUNA-N	Semi-Compatible ²
		Viton	Compatible

¹Slight loss in luster on new aluminum coupons

²Compatibility issues from the PAA, not ProvaCharge solution

STORAGE

See product label and SDS (Safety Data Sheet) for full storage, disposal and safety information.

PROVACHARGE F100: Keep out of the reach of children. Keep container tightly closed.

Store in a well-ventilated place. Keep cool.

PROVACHARGE P500: Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-ventilated place. Store in original container.

AUTHORISATION

This product is effective under the intended conditions of use as outlined on the product label.

INSTRUCTIONS FOR USE

PRE-CLEANING: Prior to application of the biocidal product, clean surfaces to remove visible soils using a suitable cleaning product.

FOR KILL OF BIOFILMS CONTAINING *S. AUREUS*, *P. AERUGINOSA* OR *L. MONOCYTOGENES*: For every litre of use-solution, add 100 mL ProvaCharge F100 and 17 mL ProvaCharge P500 to 883 mL water for a concentration of 588 ppm glycolic acid and 850 ppm PAA. Apply product and allow surfaces to remain wet for 10 minutes for biofilms containing *S. aureus*, *P. aeruginosa* or *L. monocytogenes*. Rinse food contact surfaces thoroughly before re-starting production. Apply at room temperature. Use during hygiene cycle as needed.

FOR SPORICIDAL DISINFECTION: For every litre of use-solution, add 100 mL ProvaCharge F100 and 17 mL ProvaCharge P500 to 883 mL water for a concentration of 588 ppm glycolic acid and 850 ppm PAA. Apply product and allow surfaces to remain wet for 10 minutes. Rinse food contact surfaces thoroughly before re-starting production. Apply at room temperature. Use during hygiene cycle as needed.

FOR BACTERICIDAL AND YEASTICIDAL DISINFECTION: For every 4 litres of use-solution, add 100 mL ProvaCharge F100 and 17 mL ProvaCharge P500 to 3883 mL water for a concentration of 147 ppm glycolic acid and 212 ppm PAA. Apply product and allow surfaces to remain wet for 10 minutes. Rinse food contact surfaces thoroughly before re-starting production. Apply at room temperature. Use during hygiene cycle as needed.

Please contact us for more information.

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