

Price list for bulk quantities

Price list valid from 16.03.2011

MENNO Florades®

Special disinfectant for floriculture and horticulture – without (plant damaging) gas phase
Application in horticulture (ornamental and vegetable) and agriculture (potato)
Against phytopathogenic VIRUS, VIROIDS, BACTERIA and FUNGI (incl. its durable forms)



Reg. No.: 024407-00

- **Fungi:** Agaricus, Alternaria, Aspergillus, Botrytis, Cercospora, Chalara, Colletotrichum, Cylindrocladium, Dactylium, Erysiphe, Fusarium, Helminthosporium, Mucor, Ophistoma, Peronospora, Pythium, Phytophthora, Ramularia, Rhizoctonia, Rhizopus, Streptomyces, Taphrina, Thielaviopsis, Trichoderma, Verticillium, etc. ...
- **Bacteria:** Acidovorax, Agrobacterium, Clavibacter, Erwinia, Pseudomonas, Ralstonia, Xanthomonas, etc. ...
- **Virus:** ArMV, BePMV, CarMoV, CGMMV, CMV, CyMV, MNSV, ORSV, PepMV, PFBV, PLCV, PLPV, PMMoV, PVX, PVY, RMV, TBRV, TMV, ToMV, TSV, TSWV, ZyMV, etc. ...
- **Viroids:** PSTVd, CSVd, etc. ...
- **Active ingredient:** 90 g/l Benzoic acid
- **Application:** After intensive, among other mechanical cleaning.

Watering of standing area, ebb-and-flow benches, tiding-installations, resp. dipping/immersion of pots, knives, tools, equipment, etc.: preventive before using, resp. coarse spray or foaming of transport area, container, boxes, etc.: preventive after last use, before using again, flushing of dripper-hosepipe, preventive after the culturing (flushing with fresh water afterwards).

Volume for standing area: ebb-and-flow benches (tiding installations) 0,2 l/m² / irrigation mats 2 l/m²

Volume for potato warehouse area: boxes, equipment, machinery, etc.: 0,6 - 0,8 l/m² / exposure time 4 h

Volume for vegetable production: standing area, container, equipment, etc.: 0,6 - 0,8 l/m² / exposure time 16 h

Concentration for application and reaction time: (applied volumes refer to the mentioned dilution)	standing area, storing area, pots, boxes, container	knives, tools, equipment
Virus (ArMV, PFBV, PLCV, PLPV, TBRV, TSWV, CGMMV, etc.)	1 % / 16 h	2 % / 3 min
Virus (speziell PepMV, ORSV und CyMV)	2 % / 16 h	3 % / 3 min
Virus (speziell TMV und ToMV)	4 % / 16 h	3 % / 3 min
Viroids (PSTVd, CSVd)	3 % / 1 h	1 % / 3 min
Bacteria and fungi (in ornamental cultures)	1 % / 16 h	1 % / 3 min
Bacteria, fungi and Virus (in vegetable cultures / mushroom)	2 %	2 %
Bacteria, fungi and Virus (in agriculture/potato)	2 %	2 %

- **Important:** When dipping knives and tools in the MENNO Florades® solution, it is important to keep the pH of the dip below 4.5. Monitor pH, if pH above 4.5 add MENNO Florades® to reduce pH (e.g. 200 ml of MENNO Florades® /100 litres water will reduce pH by about 0.5). Do not add other acidal compounds, as far as organic or inorganic acids!
- **Reaction time:** For best disinfection of fungal spores on pots and trays dipping of up to 16 hours is recommended. On hard surfaces and on mats the reaction time is already complete after drying e. g. over night.
- **Plants can be safely placed back onto / into these surfaces after they are dry.**
- To guarantee a reliable effectiveness, the dip must be tested using indicator paper, depending on the frequency of use. Adding rain water to the dip safes quantity of MENNO Florades®.
- Knives (minimum 5 pieces) dipping in a rotation stand of a solution need adequate reaction time solution should be exchanged every day.
- Pots / trays for dipping – for the period of the reaction time the pH value should be tested. Used and dirty solutions should be exchanged every day. Depending on the frequency of use, the solution should be exchanged after 1 to 2 weeks

MENNO Florades® Packing:	1x 600 l plastic-container	Price per litre	€ 14,10
	1x 200 l plastic-barrel	Price per litre	€ 14,40
	1 x 10 l plastic-canister	Price per litre	€ 14,60
	10 x 1 l plastic-bottles (in card box)	Price per litre	€ 15,60

pH-Indicator sticks for monitoring the dip:			
plastic box / contents 100 sticks		Price per box	€ 9,50

Our terms of payment and delivery are accepted and binding.
Place of jurisdiction is any competent German court at discretion of seller.

MENNO CHEMIE-VERTRIEB GMBH

Langer Kamp 104 • D-22850 Norderstedt • Postfach: 3310 • D-22826 Norderstedt • Germany
 Tel: +49 (0)40-529 06 66 7-0 • Fax: +49 (0)40-529 06 67 66 • E-mail: info@menno.de • Home: www.menno.de

Price list for bulk quantities

Price list valid from 16.03.2011

MENNO[®] TER forte

ALGICID, FUNGICID (including spores), BACTERICID, HERBICID (seeds of weed)

As disinfectant for hard surfaces in the scope of professional use in horticulture and floriculture on irrigation matting systems, plastic foil, glass, metal and concrete surfaces, etc.

Active Ingredient: 325 g/l Didecyldimethylammoniumchloride

Application: Disinfectant for hard surfaces, treatment after intensive cleaning, preventively before next cultural period.

Recommended technique as foam with MENNO[®] Foam Applicator, skumix[®], watering or coarse spray 0.3 l/m².

Dilution rate in water: Algicide: 0.5 % - 0.5 l in 99.5 liter;

Bactericide/Fungicide: 1 % - 1 l in 99 liter;

Herbicide: 2- 4% : 2 % - 2 l in 98 liter, respectively 4 l in 96 liter.

Avoid any direct spray contact to cultures or plants! Without harmful gas phase for plants and humans.

MENNO[®] TER forte Packing:	1x 600 l plastic-container	Price per litre	€ 10,25
	1x 200 l plastic-barrel	Price per litre	€ 10,55
	1 x 10 l plastic-canister	Price per litre	€ 10,75
	10 x 1 l plastic-bottles (in card box)	Price per litre	€ 11,85

Indicator paper roll to check the content of active ingredient in solution:	Price per roll	€ 9,50
--	----------------	--------

VENNO HORTISEPT[®] Clean

Alkaline Detergent concentrate for professional use in crop production, vegetable and ornamental crops. Cleaning dirt load and residues from transport containers such as pots, trays, pallets, boxes, crates and areas such as irrigation mats, roller tables, greenhouses, etc. Also for use in crate washing machines.

Application: 1% up to 3%, e.g. 1 to 3 l in 99 resp. 97 l water, stir during the addition.

Apply depending on the pollution of the surface to be cleaned (plastic, wood, glass, concrete, metal, etc.) in the aqueous application concentration preferably with up to 40 ° C warm water. Surface sufficiently wet, preferably applied with only short soak up period for 1 to 5 minutes, without drying off and rinse with warm water and high pressure.

Before treatment, test product tolerance / resistance of the material surface to be cleaned!

VENNO HORTISEPT[®] Clean Packing:	1x 200 l plastic-barrel	Price per litre	€ 6,75
	1 x 10 l plastic-canister	Price per litre	€ 6,95

MENNO[®] Foam Applicator

connects easily to a water-hose directly by a quick release coupling.

It adds the product in just the right concentration while the water flows through.

The solution is applied as foam for visual control, ensuring longer exposure time even on smooth and vertical surfaces. Furthermore, aerosol particles or any kind spray is avoided, ensuring safe working-conditions and reducing smell.



MENNO[®] Foam Applicator Packing:	Price per piece	€ 99,70
---	-----------------	---------

Our terms of payment and delivery are accepted and binding.

Place of jurisdiction is any competent German court at discretion of seller.

Legal national registration requirements and legislation has to be considered before use.

MENNO CHEMIE-VERTRIEB GMBH

Langer Kamp 104 • D-22850 Norderstedt • Postfach: 3310 • D-22826 Norderstedt • Germany

Tel: +49 (0)40-529 06 66 7-0 • Fax: +49 (0)40-529 06 67 66 • E-mail: info@menno.de • Home: www.menno.de