

Special detergent

# F420 e

Liquid, ecological, alkaline detergent

## AREA OF APPLICATION:

- For use in commercial warewashers.
- Suitable for dishes made of glass, plastic, porcelain, stainless steel as well as cutlery and utensils.
- Check silver first.
- Not suitable for aluminium.
- Removes remnants of juices, beer, wine, sparkling wine, cocktails and soft stains reliably.
- Removes lightly dried-on coffee and tea stains and other discolorations effectively.
- Removes lightly dried-on food remnants effectively.
- Removes lipstick and other greasy residues.

For perfect wash results, we recommend using the specially developed Winterhalter system, which includes the corresponding warewasher, chemistry and water treatment.

## DOSAGE:

With automatic equipment, depending on the degree of soiling and the water quality. In the UC V02 and PT V02, the basic setting can be easily adjusted via the chemical database for coordinated dosing. This detergent belongs to the detergent group DT08.

To get a perfect wash result, the detergent dosing should be set by the Winterhalter customer service.

Water quality	Dosage in ml/l	°dH	[µS/cm]	ppm CaCO <sub>3</sub>
Osmosis	1.3 – 2.0	0 – 3	0 – 90	0 – 54
Soft	2.1 – 2.5	4 – 8	91 – 240	55 – 142
Medium	2.6 – 3.2	9 – 14	241 – 420	143 – 249
Hard	3.3 – 4.5	> 14	> 420	> 249



## PRODUCT ADVANTAGES:

- Odour-neutral, highly concentrated formulation
- Certified with the EU-Ecolabel
- Very good cleaning performance
- Very good glass protection
- Good starch solubility
- Good grease solubility
- Good protein removal
- Good bleaching action
- Very good scale dissolving power

## INGREDIENTS:

Alkalis, phosphonates, polycarboxylates, additives

It contains neither chlorine nor phosphates.  
Winterhalter products are totally free of NTA and EDTA.

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### DELIVERY SIZES:

5 l	container
12 kg	container
25 kg	container
195 l	barrel

### TECHNICAL DATA:

Colour	yellowish
Odour	product-specific
pH value	14
Shelf life	24 month
Storage conditions	cool, dark, frost-free, up to 30 °C
Density	1.21 g/cm <sup>3</sup>
Titration factor	0.85

### DISPOSAL OF EMTY PACKAGING:

- Completely emptied packaging is recyclable and can be disposed of by the end user in accordance with local regulations.
- Information on disposal of product residues can be found in the corresponding material safety data sheet.

### IMPORTANT:

- EU Ecolabel: DE/38/078
- Product is not intended for the general public. For commercial use only!
- Colour variations of the product are caused by raw materials and storage, but do not affect quality.
- Storage and transport of the product are only permitted when being in an upright position and in the original packaging. Do not expose to direct sunlight and protect from freezing.
- Never mix with other products and do not transfer the product into other containers, such as bottles, which are not intended for this purpose!
- Follow the operating instructions of the respective Winterhalter warewasher!

- Containers, pipes and dosing equipment should be rinsed with fresh water before changing products.
- A funnel (60 005 163) is available for the safe and exact filling of the integrated storage tanks in Winterhalter UC-models. To avoid confusion, the detergent may only be filled in tanks with a white flap colour.
- The detergent can be used in conjunction with all customary rinse aids for commercial warewashers and is suitable for use in the food sector.
- To support the self-cleaning programme of the warewasher, the Winterhalter A 15 MC cleaning tab is recommended.
- To ensure the durability and reliability of the warewasher, all filters should be cleaned at end of operation. To avoid corrosion, leave the machine slightly open so the interior can dry.
- For cleaning and maintaining the stainless steel coverings of the warewasher it is recommended to use Winterhalter A 162 stainless steel polish.
- The washing parameters should be kept in accordance with the DIN guidelines (DIN 10510 to 10512 and DIN 10522). Information of Working Party of Commercial Dishwashing should be kept in mind. In context refer to: [www.akggs.de](http://www.akggs.de)
- Product's material safety data sheet, technical data sheet and operating instructions are available on [www.winterhalter.co.uk](http://www.winterhalter.co.uk)

### SAVETY NOTES:

H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
P101	If medical advice is needed, have product container or label at hand.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P501	Disposal in accordance with local regulations.