



**BÜFA**

CLEANLINESS · HYGIENE · MAINTENANCE OF VALUE

# Food Industry

Cleaning



## Discover the BÜFA family

**WHAT BEGAN MORE THAN A HUNDRED AND THIRTY YEARS AGO HAS NOW BECOME A BUSINESS OPERATION THAT PROBABLY EXCEEDS EVEN THE BOLDEST DREAMS OF ITS FOUNDERS. TODAY THE BÜFA GROUP IS A FAMILY MADE UP OF 500 KEEN MINDS THAT DEVELOP INNOVATIVE AND ECO-FRIENDLY PRODUCTS AND SYSTEMS FOR USE IN SPECIFIC APPLICATIONS, SATISFYING THE HIGHEST STANDARDS OF QUALITY.**

**IT IS THESE PRODUCTS THAT MAKE US FIRST CHOICE FOR OUR CUSTOMERS – AND THE PERFECT LINK BETWEEN PRODUCERS AND THE PROCESSING INDUSTRY.**

### **CLEANLINESS · HYGIENE · MAINTENANCE OF VALUE**

Our core competence includes the production and marketing of high-grade cleaning and disinfectant agents for the food processing industry. The products are characterized by excellent cleaning performance and broad-based microbiological effectiveness. Our research team develops and tests them in accordance with the latest findings.

### **TAKE ADVANTAGE OF OUR KNOW-HOW**

Whatever you need, we have the expertise! We develop individual and above all practice-driven concepts for an extremely diverse range of applications. All the products used in conjunction with the right procedures provide you with maximum added value. Benefit from our wide range of solutions for dosing and application technologies – always geared to environmental protection and sustainability too.

### **CONSERVING RESOURCES**

We attach great value to conserving natural resources in our handling of materials. We are therefore committed to sustainability – in our R&D Department as well. This includes not only the consumption of energy and water, but also the efficient usage of our products. Certification in accordance with ISO 9001 (Quality Management) and ISO 14001 (Environmental Management) are standard practice for us.






## Contents



Foam cleaners	4
Smoke resin removers	5
Neutral cleaning agents	5
Crate washing / CIP cleaning	6
Disinfecting products	7
Anti-foaming agents	8
Cleaning powder	8
Descalers	8
Personal hygiene products	9
Individual dosing and application technology	10
Professional services	11

# Foam cleaners


## Alkaline with chlorine

Product	Description	Concentration of use
<b>Orbin Sept*</b>	Disinfecting, alkaline foam cleaning product with active chlorine; removes grease and protein based soiling quickly and reliably; registered in the IHO disinfectant list. 	2,0 – 5,0 %
<b>Orbin RT-P</b>	Chlorine-containing alkaline foam cleaner with high cleaning power; removes grease, protein and starch soil quickly and reliably.	2,0 – 5,0 %
<b>Orbin S</b>	Alkaline foam cleaning product with active chlorine as detergent component. Alongside special surfactants, organic sequestering agents in place of phosphates ensure good usefulness, even where higher degrees of water hardness prevail.	2,0 – 5,0 %
<b>Orbin S Forte</b>	Foam cleaner concentrate set to an alkaline pH value with elevated active chlorine content; the ratio of special organic complexing agents in combination with highly effective surfactants allows particularly intensive and thorough cleaning.	2,0 – 5,0 %

## Alkaline

Product	Description	Concentration of use
<b>Orbin Evolve</b> 	A mildly alkaline foam cleaner for removing grease and protein soil from aluminium and all surfaces that are tolerant of alkaline substances. Based on a mixture of active agents made up solely of natural, renewable raw materials, the product achieves cleaning results that have hitherto only been achievable with strongly alkaline cleaning agents. Within a relatively short exposure time of up to 10 minutes, it emulsifies soil which can then be rinsed off easily.	0,5 – 1,2 %
<b>Orbin VR-S</b>	Strongly alkaline foam cleaning agent without active chlorine, with pronounced detaching power to combat strong grease and protein soiling; thanks to the balanced combination of the ingredients excellent cleaning results are obtained for manual cleaning, as well as for use in foaming systems.	2,0 – 5,0 %
<b>Orbin S-OC Spezial</b>	Alkaline foam cleaner without chlorine that quickly loosens and thoroughly removes protein and particularly greasy soil; especially in meat, fish and delicatessen production plants, Orbin S-OC is a suitable alternative to chlorinated alkaline foam cleaning products.	2,0 – 5,0 %
<b>Orbin Evolve Forte</b> 	Strongly alkaline foam cleaning agent on an ecological basis with good detaching power. Based on a mixture of active agents made up solely of natural, renewable raw materials, it achieves excellent cleaning results when used against stronger grease and protein soiling.	0,5 – 1,2 %

## Acidic

Product	Description	Concentration of use
<b>Spezial 38 S</b>	Acid foam cleaner concentrate on a mineral acid basis with a high proportion of highly effective wetting agents and foam-stabilizing surfactants; as a product with an acid content, it has a pronounced capacity for detaching mineral soil.	2,0 – 5,0 %
<b>Spezial 38 S Forte</b>	Acid foam cleaning product on a mineral acid basis with a high proportion of wetting agents and foam-stabilizing surfactants; the admixture of special detergent substances ensures that excellent grease and protein soil detaching capacities are achieved.	2,0 – 5,0 %
<b>Spezial SN-P</b>	Strongly acid foam cleaner on the basis of a mineral acid mixture; detaches even stubborn mineral soiling; very well suited for operations with high levels of water hardness.	2,0 – 5,0 %
<b>Spezial Evolve</b> 	An acid foam cleaning agent on an ecological basis for removing mineral deposits from all acid-resistant surfaces. Spezial Evolve, with a mixture of active agents made up solely of natural, renewable raw materials, impresses through its good lime-scale removing power after short exposure times.	0,5 – 1,2 %

\*Use biocidal agents with care. Always read the label and product information before use.

# Smoke resin removers

Product	Description	Concentration of use
RHE DK	Highly alkaline foam cleaner with foaming properties for removing obstinate soil; it effectively removes both tar residues typically encountered in smoking chambers and problem soil resulting from fat, grease, protein and starch.	5,0 – 10,0%
RHE Forte	Strongly alkaline foam cleaner for removing obstinate soil encrustation; containing grease-dissolving, emulsifying surfactants and complexing agents, it is ideal for use against grease, protein and smoke resin soil that is difficult to remove.	5,0 – 10,0%
RHE Premium	Highly active, strongly alkaline cleaning concentrate for removing smoke resin soil and obstinate grease and protein residues.	5,0 – 10,0%
RHE Spezial	Strongly alkaline smoke resin remover; this product not only displays excellent cleaning power, but also attains very high soil run-off behaviour already during the contact time.	5,0 – 10,0%
RHE Liquid	Highly alkaline cleaning product for removing smoke resin soil; the product is also used as spray cleaner and basic cleaner for removing heavy soiling from all alkali-resistant surfaces.	5,0 – 10,0%

# Neutral cleaning agents

Product	Description	Concentration of use
Spülglanz OD	Neutral cleaning agent and detergent concentrate allowing fast and particularly gentle cleaning. Selected, extremely fast-wetting components improve the cleaning effect substantially.	0,1 – 2,0%
Universal Flüssig	A highly economical concentrate set to a neutral pH value, with skin protection and care components, that allows particularly gentle cleaning.	0,1 – 1,0%





# Crate washing / CIP cleaning

## Alkaline

Product	Description	Concentration of use
<b>Sibin</b>	Highly alkaline cleanser to remove stubborn soiling based on fat, protein and other organic compounds; the product is highly efficient, foam-free and can be used as a stock solution.	0,5 – 3,0 %
<b>Sibin E</b>	Highly alkaline cleanser to remove stubborn soiling based on fat, protein and other organic compounds; the product is foam-free and can be used as a stock solution.	0,5 – 5,0 %
<b>Sibin MT</b>	Highly alkaline cleaning concentrate for removing soil based on fat, protein and other compounds; it has been specially developed for cleaning e.g. cooking, frying and deep-frying equipment; the product is highly efficient, phosphate-free, and can be used as a stock solution.	0,5 – 2,0 %

## Alkaline with chlorine

Product	Description	Concentration of use
<b>Tribin B</b>	Alkaline cleaning product for use in automatic continuous flow and CIP systems. Thanks to the balanced mixture of alkalis, dispersing agents and sodium hypochlorite, it is highly effective against grease-bound and protein-bound soil. When used in compliance with the recommendations for use, Tribin B is suitable for use on materials such as aluminium, stainless steel (1.4301, 1.4571), iron and alkali-resistant plastics.	0,3 – 2,0 %
<b>Tribin BA</b>	Alkaline CIP and continuous flow cleaning agent containing chlorine, for use especially as cleaning agent for facilities in contact with blood in abattoirs.	1,0 – 2,0 %
<b>Tribin Sept*</b>	Disinfecting cleaner concentrate set to an alkaline pH value with active chlorine, for use in automated flow cleaning and CIP processes.	0,1 – 0,5 %
<b>Tribin EB</b>	Alkaline crate and circulation cleaning agent; boosted with active chlorine; dissolves grease, protein and other organic soil reliably.	0,3 – 2,0 %
<b>Tribin OS</b>	Alkaline circulation cleanser with active chlorine; especially suitable for removing layers of protein and grease from production vessels, container, tanks and piping; also suitable for manual surface cleaning.	0,3 – 2,0 %



## Acidic

Product	Description	Concentration of use
<b>Lactopan</b>	A concentrate set to an acid pH value that allows particularly gentle and yet thorough cleaning; selected surfactant-type ingredients ensure good wetting of the surface to be cleaned, coupled with good soil and scale removal capacity of the product.	0,3 – 2,0 %
<b>Lactopan ECO</b>	A concentrate set to an acid pH value on the basis of a mixture of mineral acids; selected surfactant-type ingredients ensure good wetting of the surface to be cleaned, coupled with good soil and scale removal capacity of the product.	1,0 – 2,0 %
<b>Debosan</b>	A strongly mineral-acid product containing wetting agents with an excellent cleaning effect against mineral based soil and a very good capacity for detaching grease and protein soil.	0,1 – 0,5 %
<b>Debosan ALW</b>	Acid CIP and continuous flow cleaning agent for gentle and thorough removal of grease and protein soil; the low-foam product is particularly suitable as a single-phase cleaner in poultry transport cage cleaning machines; it is compatible with aluminium and is nitrate-free.	0,2 – 0,5 %


\*Use biocidal agents with care. Always read the label and product information before use.

# Disinfecting products


## Alkyl amines / quaternary ammonium compounds (QACs) as active agent

Product	Description	Concentration of use
<b>Tolo 330*</b>	A combined cleaning and disinfecting concentrate on an alkyl amine basis; despite its mild pH value, it detaches light to medium-strong soil powerfully and displays excellent material compatibility properties; the product is registered in the IHO list. 	1,0 – 2,0 %
<b>Tolo Sept SD*</b>	A combined cleaning and disinfecting product based on alkyl amine/QAC; as a neutral product, it detaches light to medium-strong soil powerfully and displays excellent material compatibility properties. 	1,0 – 2,0 %

## Chlorine as active agent

Product	Description	Concentration of use
<b>Tolo Sterisol Super*</b>	A fast-acting disinfecting agent on an active chlorine basis with a high active agent component; the product is registered in the IHO list. 	0,05 – 0,1 %

## Oxygen releasing disinfectants

Product	Description	Concentration of use
<b>O 33 Aktiv 5*</b>	A highly effective disinfectant concentrate for use in hot and cold conditions on the basis of a 5 % stabilized peracetic acid (PAA) solution; by comparison with products on a different active agent basis it possesses a very broad spectrum of action; the product is registered in the IHO list. 	0,2 – 0,5 %
<b>O 33 Aktiv 15*</b>	A highly effective disinfectant concentrate for use in hot and cold conditions on the basis of a 15 % stabilized peracetic acid solution; by comparison with products on a different active agent basis it possesses a very broad spectrum of action.	0,1 – 0,2 %
<b>O 33 Aktiv LW*</b>	A liquid disinfectant concentrate with a stabilized formulation made of peracetic acid and hydrogen peroxide; excellent microbicidal effect at low temperatures; the product is controllable via conductometry and therefore also suitable for CIP-cleaning processes.	0,05 – 2,0 %
<b>Spezial 38 PES*</b>	Strong foaming, acidic disinfectant based on PAA with outstanding disinfecting efficiency even at low temperatures; low own smell during application; foam formation during the application results in a comparatively long contact time on the surface and hence sufficient exposure time.	3,0 %

\*Use biocidal agents with care. Always read the label and product information before use.



## Anti-foaming agents

Product	Description	Concentration of use
<b>EW</b>	An active ingredient concentrate set to a neutral pH value with strong foam depressing properties; alongside its defoaming effect, the product substantially improves the wetting effect and the soil carrying capacity of the cleaning solution.	0,005 – 0,02 %
<b>EW Extra</b>	A silicone-free, highly concentrated product for depressing and preventing foam formation in aqueous media; the product develops its effect already at temperatures starting at 20 °C.	0,005 – 0,01 %
<b>Foam-Ex</b>	Highly concentrated, special defoaming agent on a silicone basis, sustainably prevents foam formation	0,005 – 0,02 %

## Cleaning powder

Product	Description	Concentration of use
<b>Sibin GF Spezial</b>	A highly alkaline cleaning concentrate with a composition that provides outstanding soil detaching, even in particularly obstinate cases; the content of corrosion inhibitors ensures optimal material protection.	0,5 – 10,0%

## Descalers

Product	Description	Concentration of use
<b>Petrosol VK</b>	Highly concentrated product for removing scale and other mineral coatings from acid-resistant surfaces; the comparatively weakly aggressive organic acid component in combination with special inhibitors leads to a high level of efficiency and optimal material conservation.	10,0 – 20,0 %
<b>Petrosol Flüssig</b>	A strongly acid agent with corrosion protection for removing boiler scale and other scale; the foam-free product ensures fast and safe scale removal.	10,0 %





## Personal hygiene products

Product	Description	Concentration of use
<b>Antisept HD*</b>	Ready-to-use hand disinfectant based on alcohols; skin protection and care additives makes the product kind to the skin; bactericidal, fungicidal and fully virucidal.	Ready for use
<b>Tolo Soft OD</b>	Cosmetic product produced on the basis of mild, skin-friendly substances. Even if used frequently it ensures maximum protection and care of stressed skin; very economical in use and suitable for use in dispensers; dermatologically tested.	Ready for use



\*Use biocidal agents with care. Always read the label and product information before use.

# Individual dosing and application technology



**THE DOSING, MEASURING AND CONTROL SYSTEM** from Jumo provides safety and transparency, is efficient and user-friendly.

- The operating status of the system can be seen at a glance.
- It can be operated by touch display or via a PC



**DSP 9805-II** – Peristaltic pump for conductivity-controlled, exact dosing; flow rate 50 litres/hour. Area of application: e.g. crate washing facilities.



**PK PUMP** with foam fitting; this pneumatically operated piston pump is used to foam aqueous solutions.



**SCHAUMHEXE 100 L** – mobile facility with lance and accessories. The Schaumhexe draws in chemical concentrate via a pneumatic pump and adds it in a selectable ratio to the water from the storage tank (100 l). It is also possible to supply a ready-mixed dilution of chemical agent and water. VA mobile cart; 12 m foam hose; 10 m air hose 6 mm; minimum air pressure: 8 bar.

*... or comprehensive hygiene safety, maximum cost-effectiveness and efficiency.*

# Professional services

## QUALITY MANAGEMENT SYSTEMS

International norms, statutory regulations, numerous standards – we are familiar with them all. We advise and support your company in establishing and introducing quality management systems and quality standards; we support you throughout the process and check or prepare the documentation. We offer internal audits or preliminary audits, as well as audits of your suppliers.

- ISO 9001:2008
- ISO 22000
- FSSC 22000
- IFS FOOD
- IFS LOGISTIK
- BRC – GLOBAL STANDARD FOOD
- QS-CHARTA
- HACCP
- RABC DIN EN 14065
- SUPPLIER AUDITS
- FOOD DEFENCE
- FOOD CHECK



## HYGIENE MANAGEMENT

Take advantage of our wide-ranging competence for realizing documented hygiene audits or optimizing internal operations, and in our special field – the hygiene scan. We assess e.g. the hygiene measures or the cleaning / disinfecting and point up appropriate solutions for you.

### HYGIENE SCAN:

- PRODUCTION HYGIENE
- PERSONAL HYGIENE
- CLEANING AND DISINFECTION
- STRUCTURAL HYGIENE

### PROCESS OPTIMIZATION:

- PLANT INSPECTION
- CLEANING PROCESSES
- DISINFECTION PROCESSES

Optimal processes –  
the key to your success

**BÜFA**

Cleaning

**BÜFA Reinigungssysteme GmbH & Co. KG**  
August-Hanken-Straße 30  
26125 Oldenburg  
GERMANY

Telephone +49 441 9317-258  
Telefax +49 441 9317-140  
[www.buefa.de](http://www.buefa.de)