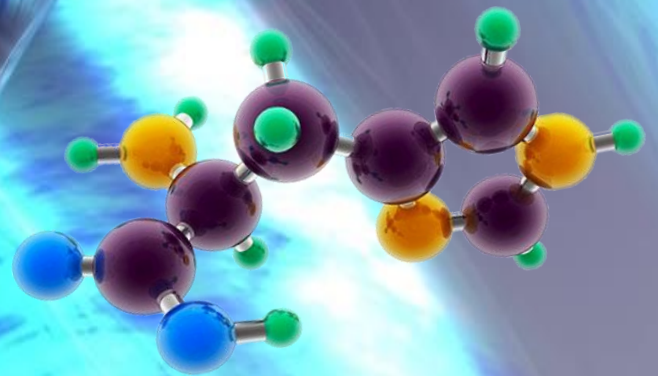




Certified quality management system
company UNI EN ISO 9001
Certificate no. IT12/0455

AQUOS 
Chemical Corporation
...a little magic for a perfect clean

Total Cleaning Solutions



**Water Treatment
Catalog**

Aquos S.r.l.
Piazza Regina Margherita, 24
80040 San Gennaro vesuviano (NA) - Italy
Tel. & Fax +39 081 3415947
info@aquoschemical.it



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About us

AQUOS operates in the market of professional cleaning formulating and distributing detergents and sanitizers to companies operating in the fields of Food & Beverage, Institutional, Laundries, Car wash, Contract Cleaning and the Public Organizations.

We are a young chemical company but we boast a solid professionalism and skills drawn from a know-how of many years of experience in multinational companies, some of the most important in the field of professional cleaning and water treatment.



Aquos and "safe cleaning"

Thanks to its dynamism and flexibility, and its relevant know-how in the field of chemicals formulation, **AQUOS** strongly believes in the principle that the objective of the "safe cleaning" should be studied in collaboration with the customer evaluating, with due care, the problems of cleaning and sanitizing shown in the course of its activity, so as to ensure effectively and efficiently his satisfaction in terms of results and product consumption.

For this reason, the research and development laboratory constantly studies new formulations based on the real needs and requirements of the customer, using state-of-the-art raw materials that allow you to maximize results in terms of "operation" and "service".



Aquos and "safety for the customer"

AQUOS constantly operates in the interest of the customer safety by ensuring:

- a standard quality of products through the use of widely tested and standardized technologies;
- a fast deliveries using specialized and accredited transport companies;
- a compliance with safety regulations concerning formulated, labels, data sheets and material safety data sheets;
- a constant support to the customer through an efficient and helpful customer service in both the technical and commercial.



Aquos company profile

Aquos and "training"

AQUOS strongly believes in the importance of professional collaboration in relationships with its customers being convinced that working together is the best way to reach success in their respective businesses, each operating in his own field of activity.

That's why, **AQUOS**, as a partner of its customers, thinks that training is an important aspect of the relationship and so periodically organizes free courses of professional training for operators, technicians and sales force of its customers in order to improve the preparation and technical and professional qualification in the use of products and technologies. The courses, within the Italian territory, take place at Aquos headquarters or at the office of the customers. For foreign customers is the possibility of providing training documents in the English language like presentations created in PowerPoint.



Aquos products

AQUOS manufactures its products starting from the design phase, where the input elements are characterized by the expressed needs of the customers, in terms of cleaning and sanitation, and/or by careful analysis of the market, with particular reference to the products of the most qualified competitor in the field of professional cleaning; therefore, the range of **AQUOS** detergents, consists of products with chemical and physical characteristics and a performance that can be comparable to those of detergents made by some of the most important multinationals in the field of industrial and institutional detergents. At the same time they are characterized by a value/price in accordance with the current economic needs of the market.



Aquos' commitment to the customer

As a further guarantee for its customers, **AQUOS** has always based its activity on a quality-oriented policy, defining strategies that have continuous improvement and customer satisfaction as their main objective.

The daily commitment to pursue this goal has made it possible to make its company policy official by obtaining, from the institute of international certification SGS, the certification of its management system in compliance with the international standard UNI EN ISO 9001, for the activity of "**Design and manufacture of detergent products for professional use**".



AQUOS firmly believes in the above mentioned values, and all its activity and commitment are based upon them, being constantly orientated towards the needs of the customers, in order to fulfill its mission, namely:

"Representing the reference point, for its own market, as an answer to all needs of cleaning and sanitizing, providing its customers with detergents formulated with the objective of ensuring an optimum performance and a secure cleaning at the right market price while respecting the environment and the users safety".



Documentation supporting the product



AQUOS considers essential the technical assistance in support of detergent products, both in terms of how to use the same, for the purposes of their use effective and efficient in all areas of professional application, both in terms of compliance with the laws in force to ensure the protection of the health and safety of professional users.

This technical assistance, characterized by information, is guaranteed through the preparation and timely updating, following new technical knowledge and regulatory changes, of a system of documents consisting of the label, the technical data sheet and the safety data sheet:

- the label, affixed to the primary packaging of the product, represents the first and immediate support for the user for the purpose of a correct, effective and safe use of the product;
- technical data sheet provides more detailed information about the technical and application aspects of the same;
- safety data sheet finally, as required by current safety regulations in the professional field, it is the information system useful for chemical risk assessment associated with the use of the product and above all contains all the information behavioral to be followed in case of accidents or potential environmental damage caused by the use of the same.



The label

The label is structured as follows: the trade name and description of the product are indicated at the top right of the logo **AQUOS**; on the left, arranged vertically, there are some pictograms that symbolically indicate the main applications of the same; to the right of these pictograms are indicated the FIELD OF APPLICATION, the DOSAGE AND INSTRUCTIONS FOR USE (or a reference to the technical data sheet for consultation of the latter), the WARNINGS, the HAZARD STATEMENTS and the PRECAUTIONARY STATEMENTS of the product pursuant to Regulation EC 1272/2008 and subsequent amendments and additions (CLP Regulation); below are the personal data of **AQUOS** followed by a QR Code (Quick Response Code which is a two-dimensional barcode) which, using specific smartphone apps, allows you to quickly connect to our website, and immediately after the batch number and nominal quantity contained in the product packaging; finally, the hazard pictograms deriving from hazard classification of the product and some indications relating to environmental protection.




Proxyl Blu

Liquid detergent for mechanical washing of linen




FIELD OF APPLICATION
PROXYL BLU is a complete liquid detergent highly stabilized, for industrial and professional use, with emulsifying, dispersing and surfactant with high action of reduction of surface tension, for washing linen. With its controlled foaming action and good clean scent, guarantees an optimal washing leaving the laundry soft, white and scented.




DOSAGE AND INSTRUCTIONS FOR USE
Dosage expressed in grams of product per kg of dry laundry (g/kg)


Water hardness (°F)	SOFT (0-15)	MEDIUM (15-25)	HARD (>25)
Prewashing	5 g	7 g	10 g
Washing	8 g	11 g	14 g




These dosages have a guidance character and may be modified depending on the type of soil and in relation to washing conditions.



Danger. Contains alcohols, C9-11, ethoxylates; alcohols, C12-13- branched and linear, ethoxylated; alcohols, C11-13-branched, ethoxylated.
H318 Causes serious eye damage. EUH208 Contains ((R)-p-mentha-1,8-diene). May produce an allergic reaction.



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 or doctor/physician.




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Batch 023001


25Kg e



NO GHS PICTOGRAM



NO GHS PICTOGRAM



The technical data sheet


AQUOS, as mentioned in the introduction to this section, through the technical data sheet, communicates detailed information relating to the technical and application aspects of its detergents to professional users. The technical data sheet is structured in three sections:

- in the first section, at the top, the **trade name** and a brief **description of the functionality of the product** are indicated followed by the indication of the **edition index E**, the **revision index R** and the **revision date (MM/YY)** corresponding to the last update of the document following any changes made to the product in terms of formulation and/or packaging;

- in the second section, in the center, the following information is given:


the field of use of the product (description of possible uses and functional performances); **the physical and chemical properties** (some of the main chemical-physical properties that characterize the product which, while not assuming the value of production specifications, still represent parameters indicative for the evaluation of the product); **the dosage and methods of use** of the product, the standard **packaging** available and the indications relating to the correct **storage** of the product;

- in the third section, at the bottom of the sheet, the pictogram indicating the **product application macrosector** is shown on the left and, on the right, one or more pictograms indicating the **main application targets** of the product such as environments, surfaces, plants, etc.



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Certified Quality Management System Company
UNI EN ISO 9001




Proxyl Blu


Liquid detergent for mechanical washing of linen

TDS Proxyl Blu - E1R2.0417 Page 1 of 1








PROXYL BLU is a complete liquid detergent highly stabilized, for industrial and professional use, with emulsifying, dispersing and surfactant with high action of reduction of surface tension, for washing linen.
With its controlled foaming action and good clean scent, guarantees an optimal washing leaving the laundry soft, white and scented.

Physical and chemical properties	Appearance: liquid Colour: blue Odour: characteristic Density @ 20°C: ~1.040 g/ml pH @ 20°C (as is): ~8.00												
Dosage and methods of use	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="border: none;">Water hardness (°F)</th> <th style="border: none;">SOFT (0-15)</th> <th style="border: none;">MEDIUM (15-25)</th> <th style="border: none;">HARD (>25)</th> </tr> </thead> <tbody> <tr> <td style="border: none;">Prewashing</td> <td>5 g</td> <td>7 g</td> <td>10 g</td> </tr> <tr> <td style="border: none;">Washing</td> <td>8 g</td> <td>11 g</td> <td>14 g</td> </tr> </tbody> </table> <p style="font-size: x-small; margin-top: 5px;">These dosages have a guidance character and may be modified depending on the type of soil and in relation to washing conditions.</p>	Water hardness (°F)	SOFT (0-15)	MEDIUM (15-25)	HARD (>25)	Prewashing	5 g	7 g	10 g	Washing	8 g	11 g	14 g
Water hardness (°F)	SOFT (0-15)	MEDIUM (15-25)	HARD (>25)										
Prewashing	5 g	7 g	10 g										
Washing	8 g	11 g	14 g										
Types of packaging	 HDPE canister 25 Kg												
Storage	Keep only in original container.												



Institutional

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The safety data sheet

The safety data sheet is, for **AQUOS**, a way to prevent essential to ensure the end-users of its products, as required by current regulations, a comprehensive communication regarding the information useful for the safe and correct handling of the same.

The information shall enable the employer to determine if in the workplace there are any hazardous chemical agents or substances of concern, and to assess any risk to the health and safety of workers resulting from its use; and for this reason **AQUOS**, aware of importance of these aspects of information, continually strives to provide information based on the best and most updated knowledge about the hazardous characteristics of the substances used in the manufacture of its detergents on the most appropriate measures to be taken for the management of chemical risks.

Documentation supporting the product

The safety data sheet is composed of the following 16 sections, for each of which is provided below the main information:

1. Identification of the substance/mixture and of the company/undertaking

Indicates the name of the product, the identified uses, the data of the manufacturer and the contact for communications in case of emergency.

2. Hazards identification

Report the hazard classifications of the product and the data on the label.

3. Composition/information on ingredients

It contains information on the chemical composition of the product.

4. First aid measures

Reports the first aid measures to be implemented in case of accident resulting from use of the product.

5. Firefighting measures

Reports intervention measures to be taken in case of fire that occurs in the vicinity of the product.

6. Accidental release measures

Indicates the measures of protection for people and the environment in case of accidental spills of the product.

7. Handling and storage

Indicates precautionary measures for the safe storage and handling of the product.

8. Exposure controls/personal protection

Contains information on Threshold Limit Value of ingredients and use of safety devices to be worn when handling and using the product.

9. Physical and chemical properties

Lists the values of the main physical and chemical properties of the product.

10. Stability and reactivity

Contains information on the reactivity of the product upon contact with other chemicals and hazardous substances that may develop.

11. Toxicological information

Report toxicological data of the product and/or those of the ingredients and the dangerous effects of the product on human health.

12. Ecological information

Report the ecotoxicological data of the product and/or those of the ingredients and its potential negative effects on the environment.

13. Disposal considerations

Provides instructions on how to treat and dispose of any spills or product residues and their packaging.

14. Transport information


Indicates the data on transport if the product falls under the dangerous goods.

15. Regulatory information

It reports the national and European regulations in compliance with which was written the safety data sheet

16. Other information

Report the hazard of the ingredients of the product, any changes made since the last revision of the document and other relevant information useful for the safe use of the product.



AQUOS
Chemical Corporation
a safe choice for a perfect clean

Safety data sheet
according to regulation (EC) No 1907/2006 (REACH)

PROXYL BLU

Ediz. 1 – Rev. 1 of 04/08/2017

Page 1 of 9

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 PRODUCT IDENTIFIER
Trade name: **PROXYL BLU**

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST
Intended use: **LIQUID DETERGENT FOR MECHANICAL WASHING of LINEN**
For professional use only.
Laundry detergent. Automatic process. Pre-treatment for stains/stain remover. Manual process.


Uses advised against: **Uses other than those identified are not recommended**

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET
Company: **AQUOS S.r.l.**
Piazza Regina Margherita, 24
80040 San Gennaro Vesuviano (NA) - Italy
Tel./Fax: **+39 081 3415847**
e-mail: **info@aquoschemical.it**

1.4 EMERGENCY TELEPHONE NUMBERS:
Poison control centers in Italy
Roma - CAV "Osp. Pediatrico Bambino Gesù" - Tel. +39 06/68593726
Napoli - Az. Osp. "A. Cardarelli" - Tel. +39 081/742870
Roma - CAV Policlinico "Umberto I" - Tel. +39 06/49878000
Roma - CAV Policlinico "A. Gemelli" - Tel. +39 06/3054343
Firenze - Az. Osp. "Careggi" - Tel. +39 055/7947719
Pavia - CAV Centro Nazionale di Informazione Tossicologica - Tel. +39 0382/24444
Milano - Osp. Niguarda Ca' Granda - Tel. +39 02/66101029


SECTION 2: Hazards identification

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE
Classification according to Regulation (EC) No. 1272/2008

HAZARD PICTOGRAM:
(Annex V of EC regulation no. 1272/2008) 


GHS05

HAZARD CLASS (Annexes I and V of EC Regulation 1272/2008)	SIGNAL WORD	HAZARD STATEMENT H Code
Eye Dam. (Cat. 1) Serious eye damage category 1	Danger	H318 Causes serious eye damage.

2.2 LABEL ELEMENTS
HAZARD PICTOGRAM:


SIGNAL WORD: **Danger**
HAZARD STATEMENT: **H318 Causes serious eye damage.**
PRECAUTIONARY STATEMENT: **P280 Eye protection/face protection.**
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several

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PROXYL BLU

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





minutes. Remove contact lenses if present and easy to do – continue rinsing.
P310 Immediately call a POISON CENTER/doctor.

Contains alcohols, C11-13-branched, ethoxylated; alcohols, C12-13-branched and linear, ethoxylated; alcohols, C9-11, ethoxylates; tetrasodium edta.

2.3 OTHER HAZARDS
No other known hazards. The product not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria (Regulation (EC) No 1907/2006, Annex XIII).

SECTION 3: Composition/information on ingredients

3.2 MIXTURES

COMPONENTS	CAS-No.	EC Number	REACH-Reg No.	CONTENT % w/w	CLASSIFICATION	TYPE OF SUBSTANCE
alcohols, C11-13-branched, ethoxylated (> 2.5 mole EO)	68430-54-3	614-485-7	Not available	5 < C < 15	 Acute Tox. 4, H302;  Eye Dam. 1, H318	-----
alcohols, C12-13-branched and linear, ethoxylated (> 5 - < 15 EO)	160601-19-9	931-954-4	01-2119490233-42	C < 5	 Acute Tox. 4, H302;  Eye Dam. 1, H318; Aquatic Chronic 3, H412	-----
alcohols, C9-11, ethoxylated	68430-46-3	Not applicable	Not available	C < 5	 Eye Dam. 1, H318	-----
tetrasodium ethylene diamine tetraacetate	64-02-8	200-573-9	01-2119486762-27	C < 5	 Acute Tox. 4, H302;  Acute Tox. 4, H332;  Eye damage 1, H318	-----

Ingredients in accordance with the Regulation of detergents no. EC/648/2004

5% < C < 15%: Non-ionic surfactants
C < 5%: Tetrasodium EDTA; soaps, polycarboxylates.
Other components: Perfumes (Butylphenyl methylpropional, Hexyl cinnamal, Benzyl salicylate), optical brighteners, colors, methylisothiazolinone, chloromethylisothiazolinone.

LEGEND
TYPE OF SUBSTANCE
If the substance does not meet the classification criteria in this field, the reasons why the substance is listed under point 3 are given as follows:
PBT = Persistent, bioaccumulative and toxic substance;
vPvB = Very persistent and very bioaccumulative substance;
EL = Substance with a community workplace exposure limit.

Nessuno dei componenti della miscela è presente nella "Candidate List", concernente le sostanze CMR, PBT e vPvB, soggette all'autorizzazione dell'ECHA per l'immissione sul mercato ai sensi del regolamento CE n. 1907/2006 (REACH) e successive modifiche ed integrazioni.

For full text of the H - statements and EUH - statements of the components of the mixture see section 16 "Other information".

SECTION 4: First aid measures

4.1 DESCRIPTION OF FIRST AID MEASURES
General information:

AQUOS S.r.l.
Piazza Regina Margherita, 24 - 80040 San Gennaro Vesuviano (NA)
www.aquoschemical.it - info@aquoschemical.it

Product packaging


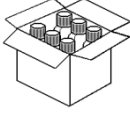


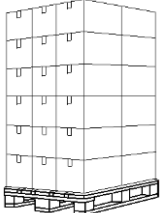

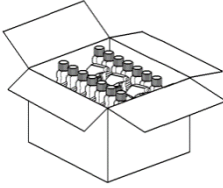


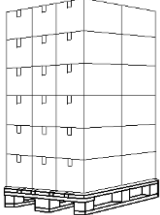

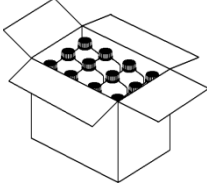
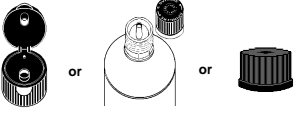
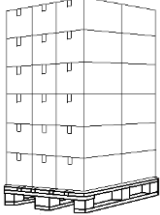

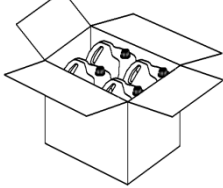
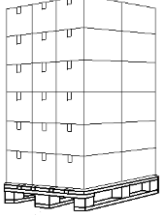


Types of packaging

The following table shows the standard* types of packaging of **AQUOS** products; in particular are reported:




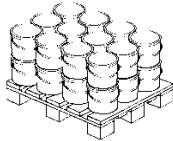

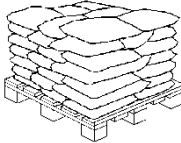

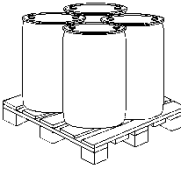

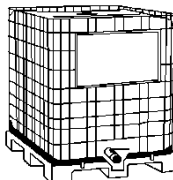
- the image of a single product, material of primary packaging and nominal amount of product contained;
- characteristics of the package that contains the primary packaging;
- number of packing units on the pallet of the product.

For each product the packaging available are listed in the "Types of packaging" of the respective technical data sheet.

*In reference to the types of packaging , **AQUOS** , in a perspective of customer orientation, is also willing to evaluate, based on the requests, the technical and economic feasibility for the realization of any packaging different from those indicated as standard.

PRIMARY PACKAGING	PACKING	PALLETS
 <p>HDPE trigger bottle 500 ml</p>	 <p>3 liter box (6 bottles + 3 triggers)</p>  	 <p>36 / 40 boxes</p>
 <p>HDPE trigger bottle 750 ml</p>	 <p>9 liter box (12 bottles + 3 triggers)</p>  	 <p>36 / 40 boxes</p>
 <p>HDPE cylindrical bottle 1 Kg / 1,1 Kg / 1,2 Kg according to the density of the product</p>	 <p>12 bottles box</p> 	 <p>36 / 40 boxes</p>
 <p>HDPE tank 5 Kg / 5,5 Kg / 6 Kg according to the density of the product</p>	 <p>20 Kg box or 22 Kg box or 24 Kg box (4 tanks box) according to the density of the product</p>	 <p>36 / 40 boxes</p>
 <p>HDPE tank 10 Kg / 12 Kg according to the density of the product</p>		 <p>40 / 50 tanks</p>

Product packaging

PRIMARY PACKAGING	PACKING	PALLETS
 <p>HDPE tank 20 Kg / 25 Kg / 30 Kg</p> <p>according to the density of the product</p>		 <p>24 / 32 tanks</p>
 <p>HDPE bucket 10 Kg / 20 Kg</p> <p>according to the density of the product</p>		 <p>48 / 24 buckets</p>
 <p>PE or paper bag 20 Kg / 25 Kg / 30 Kg</p> <p>based on the type and apparent density of the product</p>		 <p>40 / 50 / 60 bags</p>
 <p>HDPE drum 200 Kg / 210 Kg / 220 Kg / 230 Kg</p> <p>according to the density of the product</p>		 <p>4 drums</p>
 <p>HDPE IBC container 1000 Kg / Kg 1100 / 1200 Kg / 1300 Kg</p> <p>according to the density of the product</p>		 <p>1 IBC container</p>

For the types of packaging standards relating to each product, refer to the corresponding technical data sheets available in the various sections of the official website of **AQUOS** on the web page www.aquoschemical.it


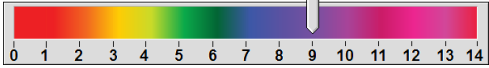


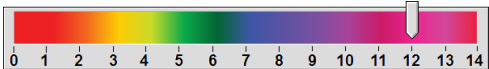








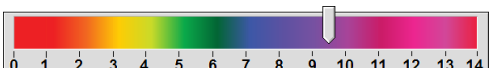


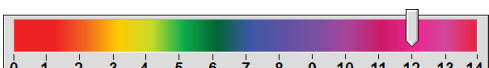


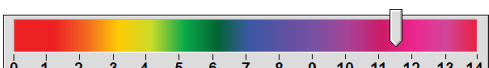



Water Treatment


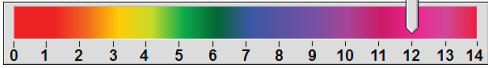





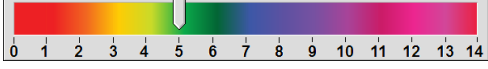



Treatment of Steam Generators	14
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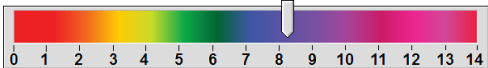


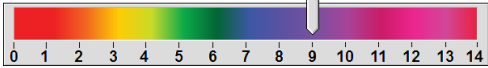


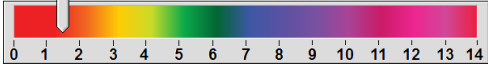

Internal Treatment

	<p>Aquozyne 1224</p> <p>Antiscalant based on alkaline softening compounds for feed water of low and medium pressure boiler, effluent from purification plants, with residual hardness. It can also be used for the treatment of boilers intended for the production of steam for the food and pharmaceutical industry. It has a softening, stabilizing, alkalizing and anticorrosive action.</p>	  <p>pH</p>
	<p>Aquozyne 1225</p> <p>Multifunctional formulation for steam generators fed with medium alkalinity water for low and medium pressure boilers. It can also be used for the treatment of boilers for the production of steam for the food and pharmaceutical industry. It has antiscaling and anticorrosive/deoxygenating action.</p>	  <p>pH</p>
	<p>Aquozyne 1226</p> <p>Deoxygenating agent for steam generators fed with high alkalinity water. Acts as antiscalant, dispersant of hardness and deoxygenating; in addition, its de-alkalizing action, accompanied by a correct level of purges, allows the boiler water values to be kept within the limits of current regulations (its active components are FDA approved).</p>	  <p>pH</p>
	<p>Aquozyne 1323</p> <p>Multifunctional liquid conditioner that prevents corrosion and encrustations in steam generators, feed lines and closed hot water circuits. It is suitable for applications in the food and pharmaceutical industries. It has a deoxygenating, antiscaling/dispersing and anticorrosive action.</p>	  <p>pH</p>
	<p>Aquozyne 1328</p> <p>Multi-purpose liquid conditioner that prevents corrosion and the formation of deposits in steam generators, in feed lines and recovery networks and in closed hot water circuits. It acts rapidly by carrying out a deoxygenating, antiscaling and anticorrosive action.</p>	  <p>pH</p>
	<p>Aquozyne 1329</p> <p>Totally volatile chemical treatment suitable for circuits fed with high purity feed water and not subject to contamination. The product contains organic agents that determine the complete protection of the thermal cycle through their alkalizing, deoxygenating, passivating and degassing action.</p>	  <p>pH</p>
	<p>Aquozyne 1330</p> <p>Treatment for boiler feed water, based on organic agents that determine the complete protection of the thermal cycle. It acts as an alkalizer of the water/steam system, deoxygenating of the feed water, passivating of the oxidized surfaces of the circuit and degassing of the system waters; as well as keeping clean the exchange surfaces of the system.</p>	  <p>pH</p>

Treatment of Condensate Lines



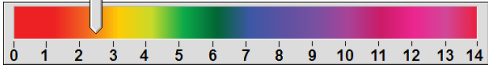





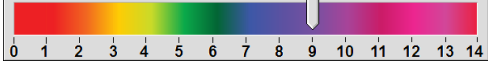
	<p>Aquozyne 1422</p> <p>Protective treatment based on condensed phosphates which protects the condensate return pipes from corrosion and prevents the formation of scaling in the feed system and in the economizers. It protects the metal surfaces exposed to the treated condensate by means of a protective film-forming action and the formation of stable complex saline structures.</p>	 
	<p>Aquozyne 1423</p> <p>Volatile amine based product, which prevents corrosion in condensate lines and related equipment. Volatilizes with steam and is present where condensation begins; is stable at the high temperatures present in the boiler and does not form insoluble compounds in its neutralization reaction of carbon dioxide.</p>	 
	<p>Aquozyne 1424</p> <p>Condensate line treatment formulated to control corrosion due to carbon dioxide and oxygen throughout the network downstream of the steam generator. The anticorrosive action of the product is expressed through the formation, on the metal surfaces, of a hydrophobic monomolecular film.</p>	 

Anticorrosive - Antiscalants - Dispersants




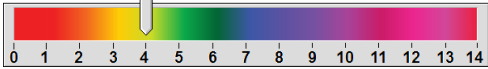



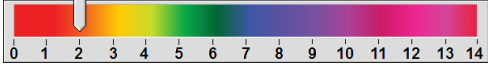



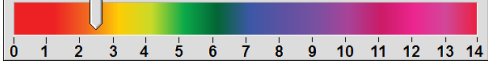
	<p>Aquotreat 2172</p> <p>Antifouling, based on anti-scaling agents, complexing agents and corrosion inhibitors, which prevents scale and corrosion in cooling water systems. It is suitable for treating water having encrusting characteristics under the conditions of use with appreciable soluble iron content which exacerbates the fouling factor for the formation of ferruginous silt in the plants.</p>	 
	<p>Aquotreat 2402</p> <p>Multifunctional formulation for cooling towers consisting of a mixture of anticorrosive, antiscalant and sanitizing agents. The product is also effective in critical operating conditions characterized by high total alkalinity values and is particularly suitable where ease of management is required.</p>	 
	<p>Aquotreat 2492</p> <p>Antiscaling and anticorrosive treatment, based on polyphosphonates, the components of which are formulated in a synergistic combination that allows them to be used at extremely low dosages. The product is particularly suitable in cooling systems to lose or recirculated characterized by a high water exchange and high calcium hardness values and total alkalinity.</p>	 



Anticorrosives - Antiscalants - Dispersants

	<p>Aquatreat 2762</p> <p>Multi-purpose anticorrosive treatment, for recirculated cooling systems, based on the synergistic combination of cathodic and anodic inhibitors perfectly balanced for a utilization at low dosages. It is a specific formulation for applications in extended circuits having complex metallurgy, high speed and temperature excursions, high retention times and high salinity.</p>	  <p>pH</p>
	<p>Aquatreat 2882</p> <p>Stabilizing treatment, mainly organic in nature, which prevents the formation of scale and corrosion in recirculated systems with cooling tower. Its active ingredients act in perfect synergy, allowing the product to effectively carry out its antiscalant, stabilizing, dispersing and anticorrosive action.</p>	  <p>pH</p>
	<p>Tower 120</p> <p>Mixture of anticorrosive and antiscalant agents suitable for the treatment of recirculated water in cooling towers, pasteurizers and sterilizers. Its use is particularly suitable in cases where a strong anticorrosive action is required.</p>	  <p>pH</p>

Oxydizing Hygienizing

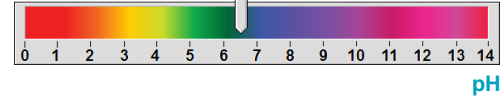
	<p>Aquocide 1000 S</p> <p>Sanitizer, based on stabilized chlorine dioxide, suitable for sanitizing systems polluted by biofilm and cooling towers (Legionella control). It is also effective as an agent for odor control and for the removal of sulphides, mercaptans, phenols, tertiary amines.</p>	   <p>pH</p>
	<p>Aquocide 3012</p> <p>New generation sanitizer, based on stabilized peroxide, with a broad spectrum of action against bacteria, yeasts, fungi and algae. It is effective on biofilm, and is suitable as a sanitizer in various industrial systems (cooling towers, evaporative condensers, air handling units) and, due to its anti-odorant and bleaching properties, in the treatment of waste liquids.</p>	   <p>pH</p>
	<p>Aquocide 3062</p> <p>Sanitizer, with amide-brominated organic base, with a broad spectrum of action on a wide range of microorganisms in cooling systems to lose and recirculated tower systems. It is applied with efficacy in the microbiological control of complex systems such as the production of paper, cutting fluids in aqueous emulsion and in the oil-water separators, in the oil industry, petrochemical industry, etc.</p>	   <p>pH</p>

Non-Oxydizing Hygienizing



Aquocide 3032

Sanitizer, based on halogenated polymeric quaternary ammonium, particularly suitable for cooling water systems where the presence of algae, iron bacteria and other microorganisms causes fouling of the users. It is very effective against algae in a wide pH range, it does not generate foam and is not stripped by the cooling towers as it is not volatile.



Aquocide 3042

Non-oxidizing sanitizer particularly effective in controlling the growth of iron-bacteria, sulphate-reducers, algae and microorganisms that form silt in industrial aqueous circuits such as cooling towers, closed recirculation systems, pasteurizers, air washing systems, membranes, etc.



Treatment of Reverse Osmosis Plants

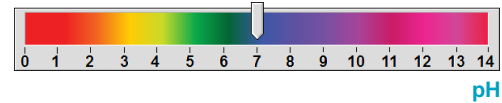
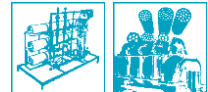
Water Treatment

Antiscalants - Dispersants



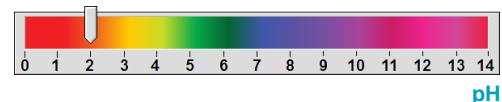
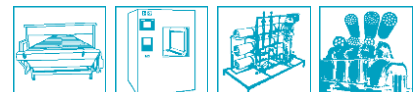
Descale 1050 N

Formulated with antiscaling action suitable for preventing the formation of deposits inside reverse osmosis membranes. The use of the product allows to lengthen the time of running of the plant, as well as the life of the membranes.



Descale 2022

Antiscalant and anticorrosive product for the treatment of recirculated water in pasteurizers, sterilizers and osmosis systems. It also acts at critical operating temperatures by inhibiting corrosion and the precipitation of calcium and magnesium salts that are formed by heating water characterized by temporary hardness.

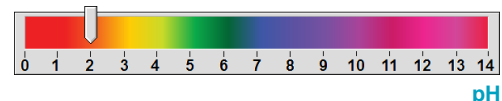
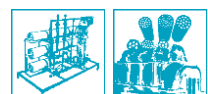


Washing - Maintenance of Membranes



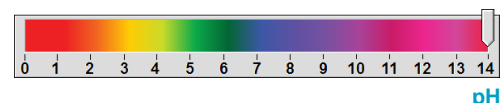
Osmo M/AC

Formulated with an acidic character for the maintenance of membranes, suitable for the removal of iron and alkaline deposits.



Osmo M/BA

Alkaline product suitable for removing deposits and encrustations from the surfaces of membranes for reverse osmosis systems. It is effective in removing deposits such as calcium, barium and strontium sulfates and calcium fluorides. It also removes organic deposits and biofilms.

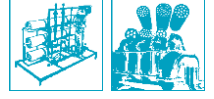


Washing - Maintenance of Membranes



Dechlor S 7025

Liquid product, with deoxygenating and dechlorinating action, suitable for the removal of residual chlorine from the feed water upstream of the reverse osmosis separation system. It is used in the presence of some types of membranes that would be irreversibly damaged by strong oxidizing agents such as chlorine.



Polyelectrolytes

Water Treatment

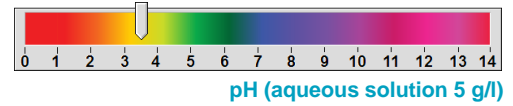
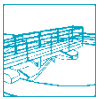
Cationic Powders



Dryfloc® 479 H

SNF FLOERGER

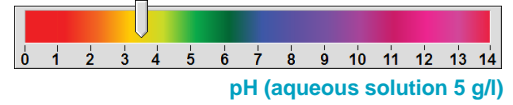
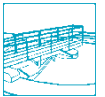
Solid polyelectrolyte, in granular form, with cationic character, high charge density and high molecular weight.



Dryfloc® 791 H

SNF FLOERGER

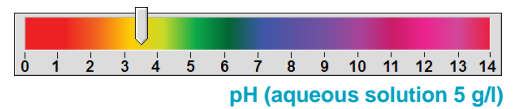
Solid polyelectrolyte, in granular form, with cationic character, medium charge density and high molecular weight.



Dryfloc® 281 H

SNF FLOERGER

Solid polyelectrolyte, in granular form, with cationic character and high charge density.



Prestol® 852 BS

ASHLAND

Medium cationic polyelectrolyte, with high molecular weight, based on acrylamide and a cationic acrylamide derivative.



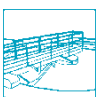
Anionic Powders



Dryfloc® 1262

SNF FLOERGER

Solid polyelectrolyte, in granular form, with anionic character, medium charge density and high molecular weight.



pH not available

Anionic Powders



Dryfloc® 1281

SNF FLOERGER

Polyelectrolyte solid, in granular form, with anionic character, low charge density and high molecular weight.



pH not available

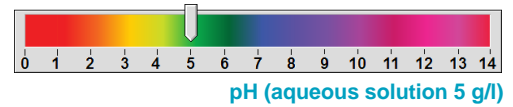
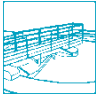
Cationic Emulsions



EM 494

SNF FLOERGER

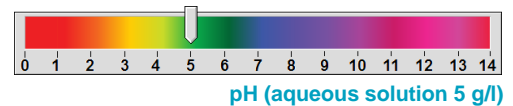
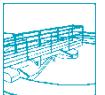
Opalescent emulsion, with cationic character, very high charge density and high molecular weight.



EM 7209 S

SNF FLOERGER

Opalescent cationic emulsion with very high charge density.



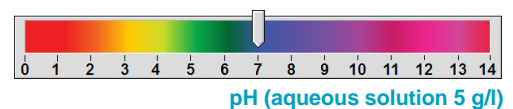
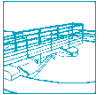
Anionic Emulsions



EM 1926

SNF FLOERGER

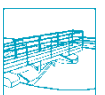
Opalescent anionic emulsion with high charge density and high molecular weight.




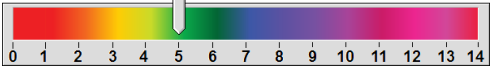





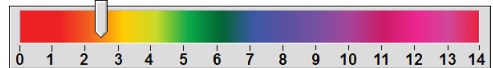


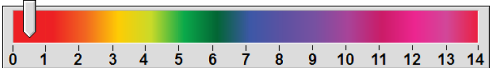

Preastol® A 3015 L

ASHLAND


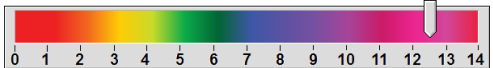
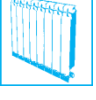

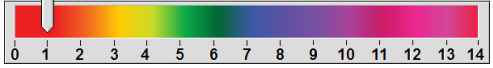




Weakly anionic polyelectrolyte in emulsion, with high molecular weight, based on acrylamide and sodium acrylate.





	<p>CO 502 SNF FLOERGER</p> <p>Clear liquid, slightly yellowish, based on a copolymer of epichlorohydrin and dimethylamine, with cationic character and very high charge density.</p>	 <p style="text-align: right;">pH</p> 
	<p>SR 818 SNF FLOERGER</p> <p>Amber yellow liquid, based on aluminum hydroxychloride and copolymer of epichlorohydrin and dimethylamine, with cationic character.</p>	 <p style="text-align: right;">pH</p> 
	<p>Poly AM 9100 AQUOS</p> <p>Effective mixed inorganic-organic coagulant particularly suitable for the clarification of waste water, whether primary or coming from primary treatment plants (secondary flotation units).</p>	 <p style="text-align: right;">pH</p> 
	<p>Poly PFP 700 AQUOS</p> <p>Effective mixed inorganic-organic coagulant, based on iron chloride (III) and organic-cationic coagulant, particularly suitable for effluent wastewater from slaughtering and meat processing industries.</p>	 <p style="text-align: right;">pH</p> 



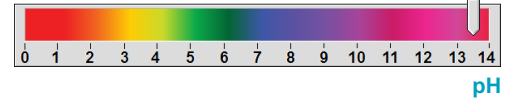
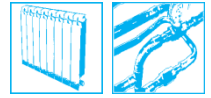
<h2>Cleaning, Descaling and Protection of Heating Circuits</h2>		
	<p>Thermo LC</p> <p>Sanitizing detergent for heating circuits for civil use. Effectively removes oxides, silt and sediments from pipes and circuit components and eliminates algae and bacteria. The product is compatible with all types of metals, including copper, iron, aluminum and its alloys.</p>	 <p style="text-align: right;">pH</p> 
	<p>Aquasol Red</p> <p>Inhibited acid descaler, with color change, suitable for the rapid removal of calcareous and ferrous incrustations from the internal and external surfaces of pipes, boilers, exchangers, coils, tanks, pumps, domestic heating circuits, etc. It is not compatible with light metals such as aluminum, zinc and their alloys.</p>	 <p style="text-align: right;">pH</p> 
	<p>Hydrosafe HP 600</p> <p>Liquid acid descaler for the removal of deposits and encrustations from boilers, exchangers and circuits of domestic heating systems in general. It is compatible with all types of metals, including aluminum, zinc and their alloys for contact times up to one hour.</p>	 <p style="text-align: right;">pH</p> 

Cleaning, Descaling and Protection of Heating Circuits



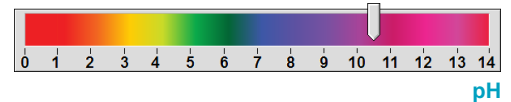
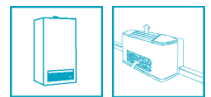
Thermo LP

Product with protective action (antiscalant, dispersant and anticorrosive) for domestic heating circuits. Contains corrosion inhibitors that prevent corrosion in all thermal circuits operating at temperatures between 0 and 100 °C. Also suitable for chemical conditioning of industrial cooling circuits.



Smokes

Sanitizing detergent for domestic heating systems and for cleaning economizers (fume exchangers) in condensing boilers. Suitable both on steel exchangers than on those made of aluminum, is also used for the cleaning and sanitization of lamellar packs of air handling units present in refrigeration and heating systems.

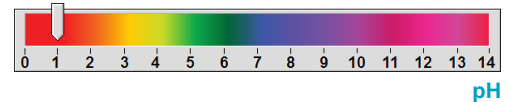
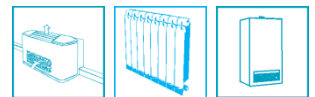


Cleaning, Descaling and Sanitizing of Air Conditioning Systems



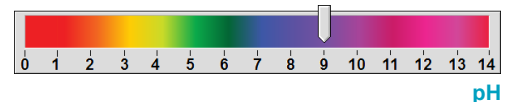
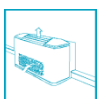
Aquacid MB 2512

Acid descaler for thermo-hydraulic systems, suitable for the descaling of finned packs of air conditioners, but can also be used for the descaling of heating systems for civil use and economizers of condensing boilers. **Contains specific corrosion inhibitors that allow it to be used safely on any type of metal.**



Saniclean AC 300

Sanitizing detergent for the treatment of finned packs and filters present in air conditioning and refrigeration systems. It is effective as an adjuvant in the sanitizing treatment against Legionella Pneumophila and can be used safely even with soft metals such as aluminum and copper.

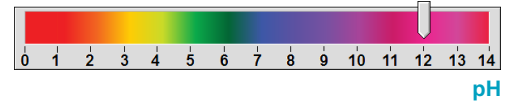


Antiscalant, Anticorrosive and Sanitizing Treatment of Domestic Hot Waters



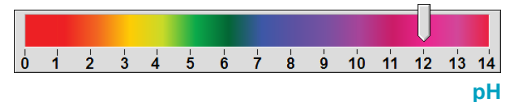
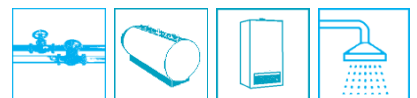
Aquosil 5325

Antiscalant and anticorrosive product for sanitary and/or industrial water. Prevents scale and corrosion in the circuits and in domestic water systems such as pipes, boilers, heat exchangers, etc. improving the thermal efficiency and the service life. **It is complies with current legislation on chemicals for the treatment of water intended for human consumption.**



Aquosil 5325/C

Antiscalant, anticorrosive and sanitizing for sanitary and/or industrial water. It is effective in the prevention of Legionella contamination, scaling and corrosion in sanitary water systems. **The product complies with the current legislation on chemical products for the treatment of water intended for human consumption.**

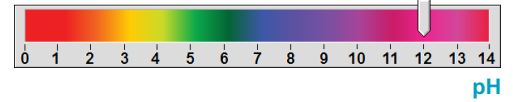


Antiscalant, Anticorrosive and Sanitizing Treatment of Domestic Hot Waters



Biosan 500 SW

Solution based on electrolytic stabilized active chlorine at 5% suitable for the sanitizing treatment of water intended for human consumption. Effective against Legionella Pneumophila, it contains active ingredients approved by the FDA (Food & Drug Administration) for the sanitizing treatment of drinking water.



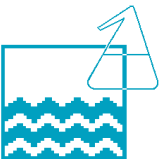






Biosan 1500 SW

Solution based on stabilized electrolytic active chlorine at 15% suitable for the sanitizing treatment of water intended for human consumption. Formulated in compliance with the UNI EN 901 standard, the product is active as a sanitizer against Legionella Pneumophila.



Link to products data sheets

You can quickly access the technical data sheets of our products by framing, with the camera of your Android or iOS multimedia device, the QR Codes shown below that refer to a specific section of our website:

 Water Treatment	 Treatment of Steam Generators	 Treatment of Cooling Circuits	 Treatment of Reverses Osmosis Plants
 Polyelectrolites	 Coagulants	 Treatment of Cooling Circuits, Air Conditioning Systems and Domestic Hot Water	



...a little magic for a perfect clean