





«OSNOVA» CHEMICAL FACTORY LLC

**REAGENTS
TRADE MARK «OSM»**



SPHERE APPLICATIONS



TREATMENT
OF REVERSE
OSMOSIS
SYSTEMS

TREATMENT
OF BOILER
EQUIPMENT

TREATMENT
OF OPEN
COOLING
SYSTEMS



BIOTIC
TREATMENT

COAGULANTS
AND
FLOCULATORS

TREATMENT OF
CLOSED COOLING
AND HEATING
SYSTEMS

SPHERE APPLICATIONS









DISINFECTION
OF EQUIPMENT
SURFACES

CLEANING OF
EQUIPMENT
SURFACES



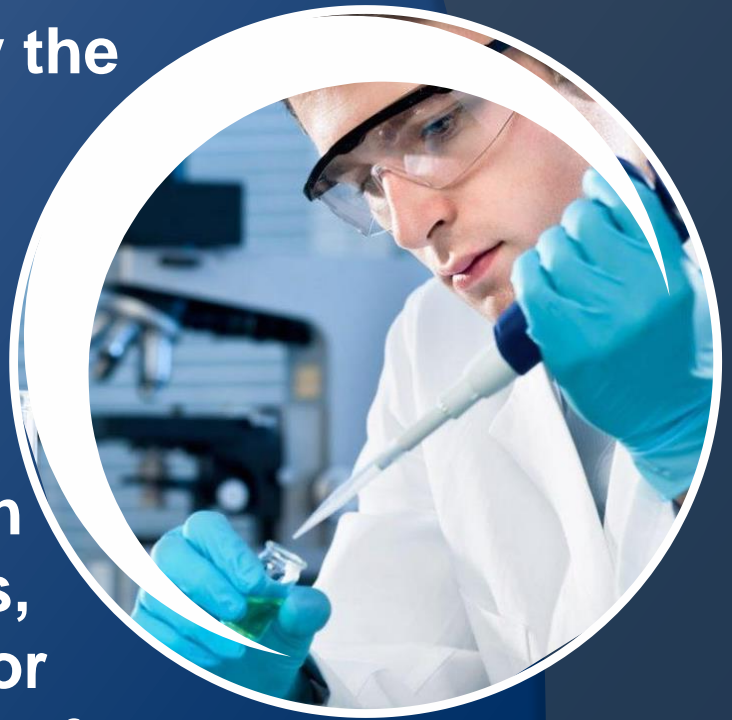
ADVANTAGES FOR OUR CUSTOMERS:

-  Individual approach to each client;
-  Competitive prices, providing you high economic profitability;
-  High quality products;
-  Saving water, energy and reagent consumption;
-  Extension of equipment service life;
-  Installation and adjustment of dosing equipment.

ABOUT THE COMPANY



OSNOVA CHEMICAL FACTORY LLC was founded in 2012 and proved rapidly to be a reliable and demanded company the Ukrainian market. The company is a Ukrainian manufacturer and developer of biocidal reagents Used for disinfection in various industries, chemical reagents for corrective treatment of steam and hot water boilers and circulating cooling systems, as well as chemical reagents for reverse osmosis.



№	Назва показника	Вимоги зазначені в умовних позначках	Вимоги зазначені в умовних позначках
1	Висхідний індекс	1,0	1,0
2	Водяний потенціал	1,0	1,0
3	Середній показник	1,0	1,0
4	Середній показник	1,0	1,0

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Reagents for steam and hot water boilers



OSM 100

The product OSM 100 is a corrosion inhibitor based on a sodium hydroxide solution ready for use. The product has the property of neutralizing carbon dioxide, increasing pH and Alkalinity to the limits that cause the least corrosion. Minimizes corrosion processes and helps to create a uniform magnetic protective film on the metal surface.

p H: ≥ 13

ρ : 1,1 ÷ 1,35

OSM 105-1

Product OSM 105-1 is a universal inhibitor of deposits based on catalysed sulphite, polyphosphates and dispersants. Active components of the product prevent the precipitation of hardness salts, phosphates and iron, preventing the formation of scale. The product has the property of maintaining alkalinity within the limits that cause the least corrosion.

p H: $9,5 \pm 1,0$

ρ : 1,06 ÷ 1,18

OSM 106

The product OSM 106 is a universal inhibitor based on catalysed bisulphite. It is a powerful oxygen reducer, which activates even at ordinary temperature. The presence of the catalyst increases the rate of the reduction reaction, allowing the dissolved oxygen to be removed quickly and completely from the feed water. OSM 106 helps to create and maintain a uniform magnetite protective film on the metal surface.

p H: 1,2 ÷ 1,3

ρ : 3,0 ÷ 4,5

OSM 110

The product OSM 110 is a fully organic corrosion inhibitor of the anode type on a polyamine basis. The active components of the product quickly and completely bind residual oxygen from the nutrient tract and all over the steam system. OSM 110 creates conditions for the formation and subsequent maintenance of a passivation film on steel and copper surfaces. The active component of the product reacts with loose rust (Fe_2O_3) and helps the formation of black solid dense magnetite (Fe_3O_4).

p H: $12 \pm 0,5$

ρ : 0,95 ÷ 1,05



OSM 111

The product OSM 111 is a universal corrosion and scale inhibitor based on phosphates, dispersants, corrosion inhibitors and alkalis. Active components of the product are aimed at passivation of the metal surface throughout the system and the creation of a strong protective film. Due to the action of highly efficient dispersants OSM 111 stabilizes the sludge, preventing it from accumulating and adhering in places of insufficient circulation. During operation, the boiler gradually loosens and launches the scum.

p H: ≥ 12

ρ : 1,15 ÷ 1,25

OSM 112

The product OSM 112 is a universal inhibitor of deposits based on phosphates, polymers and dispersants, corrosion inhibitors. The active components of the product bind the hardness and iron ions present in the feed water to the complexes, preventing the formation of scale. Due to the action of highly efficient dispersants, OSM 112 increases the solubility of all salts, stabilizes the sludge, preventing it from accumulating and sticking in places of insufficient circulation.

p H: ≥ 12

ρ : 1,1 ÷ 1,25



Reagents for chemical industry



OSM 200

The product OSM 200 is a liquid strongly acidic inhibited concentrate. Excellently softens and washes out hard Deposits of carbonates and iron. Designed for chemical washing of heat exchange equipment, steam and hot water boilers. Suitable for steel surfaces, as well as for copper and copper-containing alloys.

p H: $\leq 1,0$
 ρ : $1,02 \div 1,12$

OSM 200-11

The product OSM 200-11 is a liquid strongly acidic inhibited concentrate. Excellently softens and washes out hard deposits of carbonates and iron. Designed for chemical washing of heat exchange equipment, steam and hot water boilers. Suitable for steel surfaces, as well as for copper and copper-containing alloys.

p H: $\leq 1,0$
 ρ : $1,035 \div 1,10$

OSM 202

The product OSM 202 is a liquid weakly acidic inhibited concentrate. Excellently softens and washes out hard deposits of carbonates and iron. Designed for chemical washing of heat exchange equipment, steam and hot water boilers. Suitable for all types of surfaces: stainless, galvanized and non-ferrous alloys, ceramic and rubber surfaces. It is used as pre-launch cleaning to prepare the system for operation.

p H: $\leq 1,5$
 ρ : $1,15 \div 1,25$

OSM 203

The product OSM 203 is a liquid alkaline concentrate. Washes out grease, oil and biological contamination, passivates the surface. Designed for chemical washing of heat exchange equipment, steam and hot water boilers. Suitable for all types of surfaces. It is recommended as a passivation after acid washing.

p H: $13 \pm 0,5$
 ρ : $1,05 \div 1,25$



OSM 204

The OSM 204 product is a liquid alkaline concentrate. Washes out grease, oil and biological contamination and passivates the surface. Designed for chemical washing of heat exchange equipment, steam and hot water boilers. Suitable for all types of surfaces. It is recommended as a passivation after acid washing.

p H: ≥ 12

ρ : 1,05 ÷ 1,15

OSM 207

The product OSM 207 is a liquid weakly acidic inhibited concentrate based on orthophosphoric acid. Excellently softens and washes out hard deposits of carbonates and iron. It is designed for chemical washing of pipelines, heat-exchange equipment, steam and water-heating boilers. Suitable for all types of surfaces: stainless, galvanized and non-ferrous alloys, ceramic and rubber surfaces. It is used as pre-launch cleaning to prepare the system for operation.

p H: 0,5 ÷ 1,0

ρ : 1,01 ÷ 1,2



Reagents for closed and open circulating cooling systems



OSM 300

Concentrated liquid product based on corrosion inhibitors, molybdates and effective dispersants, with stable anti-corrosion properties in relation to steel, copper and non-ferrous alloys. The anticorrosive action of OSM 300 is based on the mechanism of formation of a dense passivation film on the entire metallic surface, acts as a strong corrosion inhibitor of the anodic-cathodic type. The dispersants included in the product of OSM 300 ensure high solubility of molybdate and other difficultly soluble salts, ensuring uniform passivation and preventing the formation of secondary deposits.

p H: ≥ 12
 ρ : 1,1 ÷ 1,3

OSM 403

Concentrated liquid, completely organic inhibitor based on phosphonocarboxylates and dispersants, with stable anti-corrosion properties in relation to steel and copper alloys. Considerably increases the solubility of such sparingly soluble salts as carbonates, sulphates, oxalates, iron and silicates. The anti-scale effect of OSM 403 is based on the mechanism of threshold inhibition, modification of the surface of crystals of inorganic salts, which stops the growth of crystals and destroys their structure.

p H: $\leq 1,5$
 ρ : 1,1 ÷ 1,2

OSM 408

OSM 408 is a liquid product based on phosphonates, polyphosphates and dispersants, with anticorrosion properties in relation to steel alloys. OSM 408 is an effective inhibitor of CaCO_3 , CaSO_4 , BaSO_4 , as well as Fe oxides, whose action is based on several mechanisms of scale inhibition (complexation, dispersion, etc.). The product acts as a corrosion inhibitor, forming a strong protective film over the entire metal surface, thus inhibiting electrochemical corrosion processes.

p H: 8,0 – 10,0
 ρ : 1,1 ÷ 1,2



OSM 412

Product OSM 412 is a concentrated liquid inhibitor based on inorganic and organic phosphonocarboxylates, corrosion inhibitors and dispersants, with stable corrosion resistance to steel and copper alloys. Acts as a cathode-type corrosion inhibitor with rapid formation of a thin passivation film over the entire metal surface. The anti-scale effect of OSM 412 is based on the mechanism of threshold inhibition, modification of the surface of crystals of inorganic salts, which stops the growth of crystals and destroys their structure.

p H: 2,5 ±1,0
ρ: 1,15 ÷ 1,25

OSM 413

OSM 413 is designed to stabilize and disperse salts in the water entering the reverse osmosis plant. The mechanism for preventing deposits is formed by the action of effective polymeric dispersants by blocking the centres of crystallization and highly efficient dispersion.

p H: 2,5 – 4,5
ρ: 1,05 ÷ 1,25



Reagents for production of chlorine dioxide



OSM 500

OSM 500 is a liquid product based on stabilized 9% hydrochloric acid, which is one of the main components in the production of chlorine dioxide.

p H: $\leq 0,5$

ρ : $1,0 \div 1,1$

OSM 502

OSM 502 is a liquid product based on stabilized 7.5% sodium chlorite, which is one of the main components in the production of chlorine dioxide.

p H: $12,0 \pm 0,5$

ρ : $1,0 \div 1,1$



Reagents for membrane plants



OSM 600

The OSM 600 product is recommended for use at the pre-treatment stage to bind free chlorine and other oxidizing agents that can permanently damage polyamide or composite membrane elements. Quickly binds oxidizing substances, preventing their destructive effect.

p H: 3,0 – 5,0

ρ : 1,1 ÷ 1,27

OSM 603

Concentrated liquid biocide based on organic compounds of bromides, has excellent microbiocidal properties. The product manifests its effect instantly. Active components of the product disrupt the transport of nutrients through the membrane of the cell and the core, until the membrane is destroyed. Has biodispersing properties, destroying and removing biofilms. OSM 603 is a stable, non-fouling non-foaming biocide. OSM 603 is non-corrosive, does not react with metals, rubber and other materials.

p H: 2,0 - 6,0

ρ : 1,15 ÷ 1,25

OSM 604

The product OSM 604 is a special composition for washing out hardly soluble carbonate salts, as well as iron compounds. These salts, in the form of solid deposits, gradually block the membranes and prevent filtration. Consequently, the pressure drop increases and the plant's capacity decreases, and it can also lead to deformation and rupture of the membrane elements. Highly effective components of OSM 604 concentrate soften and disperse deposits.

p H: 0,5-2,5

ρ : 1,15 ÷ 1,35



OSM 605

The product OSM 605 is a special composition for washing out hardly soluble carbonate salts, as well as iron compounds. These salts, in the form of solid deposits, gradually block the membranes and prevent filtration. Consequently, the pressure drop increases and the plant's capacity decreases, and it can also lead to deformation and rupture of the membrane elements. Highly effective components of OSM 605 concentrate soften and disperse deposits.

p H: $\leq 1,0$
 ρ : $1,05 \div 1,2$

OSM 606

The product OSM 606 is an alkaline concentrate for the washing of organic deposits of a colloidal, biological or oily nature. These impurities gradually block the membranes and prevent filtration. Consequently, the pressure drop increases and the plant's capacity decreases, and it can also lead to deformation and rupture of the membrane elements. Highly effective components of OSM 606 concentrate soften the deposits, followed by their delicate removal from the surfaces.

p H: $13,0 \pm 0,5$
 ρ : $1,05 \div 1,20$

OSM 608

Product OSM 608 is a universal inhibitor of deposits, considerably increases the solubility of such sparingly soluble salts as carbonates, sulphates (CaSO_4 , BaSO_4 , SrSO_4), fluorides of CaF_2 , iron and silicates. These salts, in the form of solid deposits, block the membranes and prevent filtration. Consequently, the pressure drop increases and the plant's capacity decreases, and it can also lead to deformation and rupture of the membrane elements. The product OSM 608 is effective for medium and high hardness water.

p H: $\leq 2,5$
 ρ : $1,15 \div 1,25$



OSM 610

Product OSM 610 is a universal inhibitor of deposits, repeatedly increases the solubility of such sparingly soluble salts as carbonates, sulphates (CaSO_4 , BaSO_4 , SrSO_4), Fluorides of CaF_2 , iron and silicates. These salts, in the form of solid deposits, block the membranes and prevent filtration. Consequently, the pressure drop increases and the plant's capacity decreases, and it can also lead to deformation and rupture of the membrane elements. The product OSM 610 is effective for medium and high hardness water.

p H: $\leq 2,5$

ρ : $1,2 \div 1,3$

OSM 612

The product OSM 612 is a universal alkaline scale inhibitor, which strongly increases the solubility of such sparingly soluble salts as carbonates, sulphates (CaSO_4 , BaSO_4 , SrSO_4), fluorides of CaF_2 , iron and silicates. These salts, in the form of solid deposits, block the membranes and prevent filtration. Consequently, the pressure drop increases and the plant's capacity decreases, and it can also lead to deformation and rupture of the membrane elements. The product OSM 612 is effective for medium and high hardness waters, waters with a high content of organic substances.

p H: $8,0-13,0$

ρ : $1,2 \div 1,45$

OSM 614

OSM 614 is a concentrated product based on highly effective synthetic polymers. It is used to prevent the formation of mineral deposits on the reverse osmosis membranes in installations operating on hard water. All components of the product belong to the food grade, so OSM 614 can be used in installations that produce drinking water. The reagent is intended for stabilization and dispersion of salts in water entering the reverse osmosis plant. The mechanism for preventing deposits is formed by the action of effective polymeric dispersants by blocking the centres of crystallization and highly efficient dispersion.

p H: $3,5-9,0$

ρ : $1,05 \div 1,45$



Reagents for the sugar industry



OSM 700

The product OSM 700 is recommended for industrial use as a highly effective non-oxidizing bactericide for the sugar industry. Has a wide range of effects and is used to control the growth of bacteria, fungi, mucus in the process of grinding and grinding sugar beet and sugar cane, during the cleaning of equipment during the repair work and downtime.

p H: 12,0-14,0

ρ : 0,9 – 1,05

OSM 701

The product OSM 701 is a concentrated liquid microbiocide based on an aqueous solution of dimethyldithiocarbamate salts, is an excellent disinfectant for the extraction of juice. The active process of metabolism of thermophilic bacteria can cause large losses of sucrose during the extraction of sugar beet and sugar cane. Product OSM 701 is an effective bactericide increasing the yield of sucrose by inhibiting the growth of microorganisms, such types of bacteria as Leuconostoc and Bacillus bacteria, which process sucrose in dextran.

p H: 10,0-13,0

ρ : 1,1-1,25

OSM 702

The product OSM 702 is recommended for use in the sugar industry as a highly effective additive to prevent scaling on the heat exchange surfaces of the evaporator. Applicable for systems operating under high-temperature conditions as an inhibitor of mineral deposits, carbonate salts, oxalates, sulphates. The product is effective in a wide range of pH, for media of varying rigidity.

p H: 5,5-7,5

ρ : 1,15-1,25



OSM 703

The product OSM 703 is recommended for use in the sugar industry as a highly effective additive to eliminate foaming problems. The product can be used in the process of washing sugar beet, in the extraction and diffusion processes, in the evaporation of sugar syrup. It is also applicable in other processes of the food industry (fermentation, production of chips, food and fodder yeast, bottling of soft drinks). The product is effective over a wide range of temperatures and pH.

p H: 3,5±0,5

ρ: 0,95 – 1,05

OSM 704

Product OSM 704 is a low viscosity, effective aqueous emulsion of modified polyalcohol. Active substances for defoaming ability work quickly, it acts independently of the components that cause foaming and in various environments. It is characterized by economy and duration of action. The product of OSM 704 is chemically inert to most substances. The product of OSM 704, when diluted with water, forms a finely dispersed emulsion that is stable during storage. Low toxic, non-volatile, environmentally friendly, does not have corrosive effect on metals. Effective in processes accompanied by medium or abundant foaming.

p H: 6,5-7,5

ρ: 0,85-0,95

OSM 705

The product OSM 703 is recommended for use in the sugar industry as a highly effective additive to eliminate foaming problems. The product can be used in the process of washing sugar beet, in the extraction and diffusion processes, in the evaporation of sugar syrup. It is also applicable in other processes of the food industry (fermentation, fermentation, production of chips, food and fodder yeast, bottling of soft drinks). The product is effective over a wide range of temperatures and pH.

p H: 6,5-7,5

ρ: 0,85-0,95



Biocides and biodispersants



OSM 1

Concentrated liquid biocide based on stabilized sodium hypochlorite, has excellent bactericidal, fungicidal and algicidal properties. The product manifests its effect instantly. The active components of the product oxidize and destroy the cell membrane, leading to the leaching of the nucleus and cell. OSM 1, being a strong oxidant, can lead to increased corrosion activity with respect to metals; therefore it is necessary to provide adequate protection. Recommended for use in a neutral or slightly acidic environment.

p H: ≥ 12

ρ : 1,2 ÷ 1,3

OSM 5

A concentrated liquid biocide based on quaternary amine compounds has excellent microbiocidal, fungicidal and algicidal properties. Active components of the product disrupt the diffusion of nutrients through the membrane of the cell and the core, up to the destruction of the membrane, the cationic substance. Has biodispersing properties, destroying and removing biofilms. Effective for the control of anaerobic bacteria. The product is an effective corrosion inhibitor, cleans and passivates the metal surface.

pH: 3,0 ÷ 6,5

ρ : 0,95 ÷ 1,05

OSM 6

Concentrated liquid biocide based on organic compounds of bromides, has excellent microbiocidal, fungicidal and algicidal properties. The product manifests its effect instantly. The active components of the product disrupt the transport of nutrients through the membrane of the cell and nucleus, up to the destruction of the membrane. Has biodispersing properties, destroying and removing biofilm. Effective for the control of anaerobic bacteria.

p H: 1,0-4,0

ρ : 1,1 ÷ 1,25

OSM 8

Concentrated liquid biocide based on guanidine compounds, has excellent microbiocidal, fungicidal and algicidal properties. The active components of the product destroy the hydrogen bonds between the amino acids of the protein, disrupt the permeability of the biocell membrane, the cationic substance. Has biodispersing properties, destroying and removing biofilms. Effective for the control of anaerobic bacteria.

p H: 11,0-12,5

ρ : 1,0 ÷ 1,1



Cleansers and detergents for production industry



OSM 1300

Alkaline foam detergent for washing separators, homogenizers, mixers, pasteurizers, tanks, cisterns, smoking chambers and ovens. Effectively removes organic impurities, as well as fatty and protein deposits. The agent can be used in automatic cleaning lines.

Working concentration: 0.1 - 5%

Washing temperature: 20-70%

Dosing control: volumetric or conductometric analysis

OSM 1300-1

Strongly alkaline foam-free detergent for on-site cleaning systems, pasteurizers, homogenizers, mixers, milk thickening lines and bottle washing. Do not use if there is zinc, tin or aluminium.

Working concentration: 0.2 - 5%

Washing temperature: 20-70%

Dosing control: volumetric or conductometric analysis

OSM 1302

Alkaline foam cleaner. It is used for cleaning with a foamy method of technological equipment, tools, containers of milk processing and other food industry. The agent is particularly effective for removing fat and protein contaminants.

Working concentration: 0.1 - 5%

Washing temperature: 20-70%

Dosing control: volumetric or conductometric analysis

OSM 1302-1

Extremely alkaline detergent for CIP washing or manual washing at milk processing plants, meat processing, fish processing, poultry processing, bakery, confectionery, brewing and other food industries; dairy farms and agro- industrial complexes.

Working concentration: 0.2 - 5%

Washing temperature: 20-70%

Dosing control: volumetric or conductometric analysis



OSM 1304

Highly alkaline detergents designed for washing and cleaning in the food industry, smokehouses, grill rooms; cleaning of plates, furnaces (from fat, sludge, heat, etc.); cleaning vehicles, tanks, tanks; cleaning of any industrial equipment (external and internal surfaces of containers, pipelines, conveyor belts, filling and packaging lines, containers, flasks, work tables, etc.)

Working concentration: 0.2 - 4%

Washing temperature: 20-70%

Dosing control: volumetric or conductometric analysis

OSM 1304-1

Universal alkaline foam cleaner. Liquid concentrated alkaline foam cleaner. Perfectly removes organic deposits such as fat, protein, including old deposits. Has good wetting and degreasing properties in water of any hardness.

Working concentration: 0.2 - 4%

Washing temperature: 20-70%

Dosing control: volumetric or conductometric analysis

OSM 1304-2

Concentrated alkaline detergent for cleaning equipment in the food industry. It is used for automatic and manual cleaning of equipment and implements (frames for smoking sausages, transport boxes, carts, cans, molds and other equipment) in meat, dairy and other branches of the food industry. Removes a wide range of contaminants.

Working concentration: 2-5%

Washing temperature: 20-70%

Dosing control: volumetric or conductometric analysis

OSM 1304-3

Foam alkaline detergent. Recommended for the food industry. It serves to remove protein, fat, dirt, soot, and fumes. Used for cleaning equipment, inventory, heat chambers, smoke, ventilation and sewage systems, industrial premises.

Working concentration: 0.2-4%.

Washing temperature: 20-70%

Dosing control: volumetric or conductometric analysis



OSM 1305

Acidic cleanser. It is designed for removal of calcareous stone in the dairy and beer industry, as well as the removal of mineral deposits in pasteurizers, tanks for storage and synthesis.

Working concentration: 0.2-5%

Washing temperature: 30-80%

Dosing control: volumetric or conductometric analysis

OSM 1305-1

Foamy concentrated acid cleanser for cleaning equipment from scale in various industries, in the restaurant business, trade, car service, and municipal services.

Working concentration: 0.2-5%

Washing temperature: 30-80%

Dosing control: volumetric or conductometric analysis

OSM 1305-2

Liquid strong acid concentrate based on orthophosphoric acid. Effective against limescale deposits, scale, wine, beer and milk stone.

Working concentration: 0.2-5%

Washing temperature: 30-80%

Dosing control: volumetric or conductometric analysis

OSM 1305-3

Liquid strong acid foam concentrate. Perfectly dissolves in water. Has a strong cleaning effect. Effective against lime, scale, rust. Gives good foam in cold water.

Working concentration: 0.2-5%

Washing temperature: 30-80%

Dosing control: volumetric or conductometric analysis



OSM 1306

Strongly acidic detergent based on orthophosphoric acid. Used to control heavy mineral deposits that occur in industrial equipment.

Working concentration: 0.2-5%

Washing temperature: 30-80%

Dosing control: volumetric or conductometric analysis

OSM 1306-1

Foamy concentrated acid cleanser for cleaning equipment from scale in various industries, in the restaurant business, trade, car service, and municipal services.

Working concentration: 0.2-5%

Washing temperature: 30-80%

Dosing control: volumetric or conductometric analysis

OSM 1401

Concentrated soap. Ideally cleanses the skin of hands and ensures its intensive moistening. Has a nice fresh smell.

OSM 1404

Universal high-foam neutral detergent. It is used for manual washing of floors, doors, walls and utensils. The use of the product does not cause corrosion of the equipment and surfaces, cleaning them to shine.

Working concentration: 0.2-5%

Washing temperature: 30-80%

Dosing control: volumetric or conductometric analysis



OSM 1405

Liquid for washing dishes with balm for hands. Can also be used for washing glass, plastic, metal, ceramic and wood surfaces.

OSM 1408

A universal detergent that cleaning surfaces. It is intended for cleaning of various surfaces: glass, marble, granite, artificial stone, concrete, ceramic tile, linoleum, parquet, PVC painted, wooden, metal and textile materials from complex pollution of different nature. Suitable for washing utensils, kitchen tools, sanitary ware etc. Are recommended for use in catering establishments, food and beverage production, in agribusinesses, in medical institutions, in railway and water transport, and by people at home.

OSM 1413

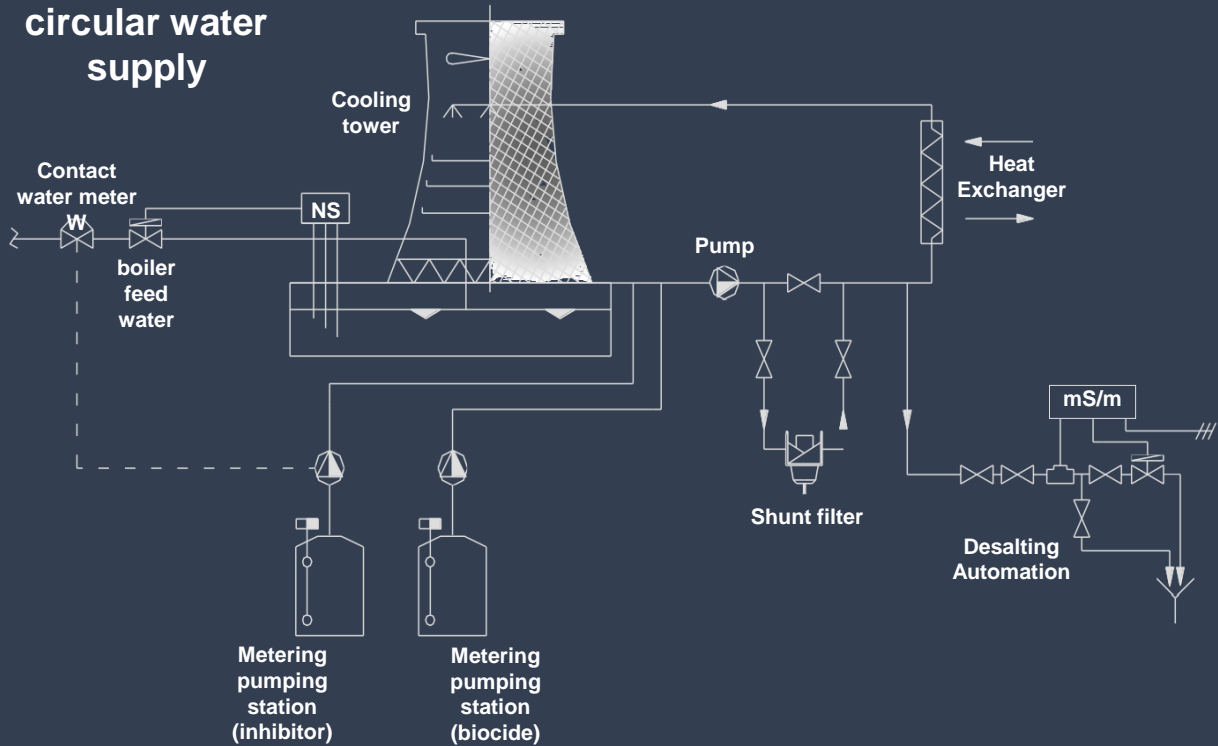
Remover for rust and scale. Strong means for removal of calcareous dirt, rust; it is used for CIP cleaning, for cleaning and washing pipes and heating systems.

OSM 1414

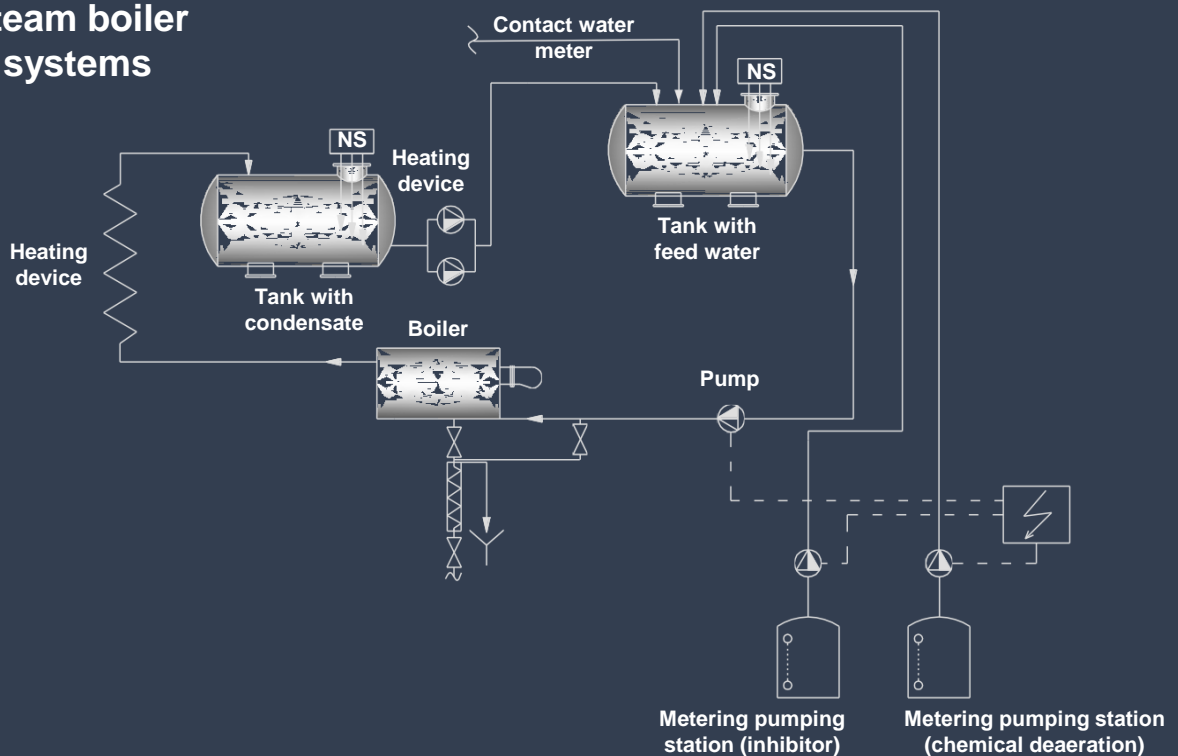
Means for cleaning pipes. Provides quick and effective cleaning of all types of sewage and drain pipes, siphons, sinks, bathtubs and toilets, and it also without special effort removes dirt, food remnants, hair and deposits of fat.

RECOMMENDED TECHNOLOGIKAL SHEMES OF REAGENT DOSING

Schemes of circular water supply

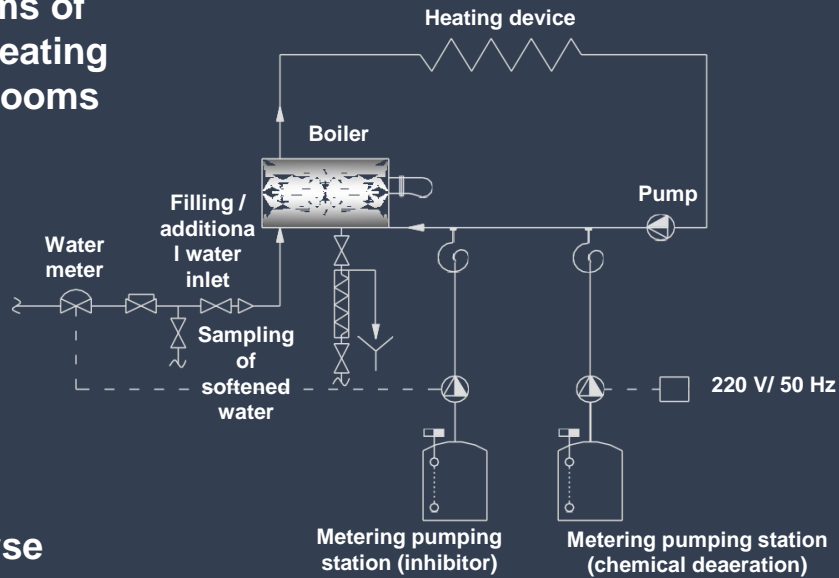


Steam boiler systems

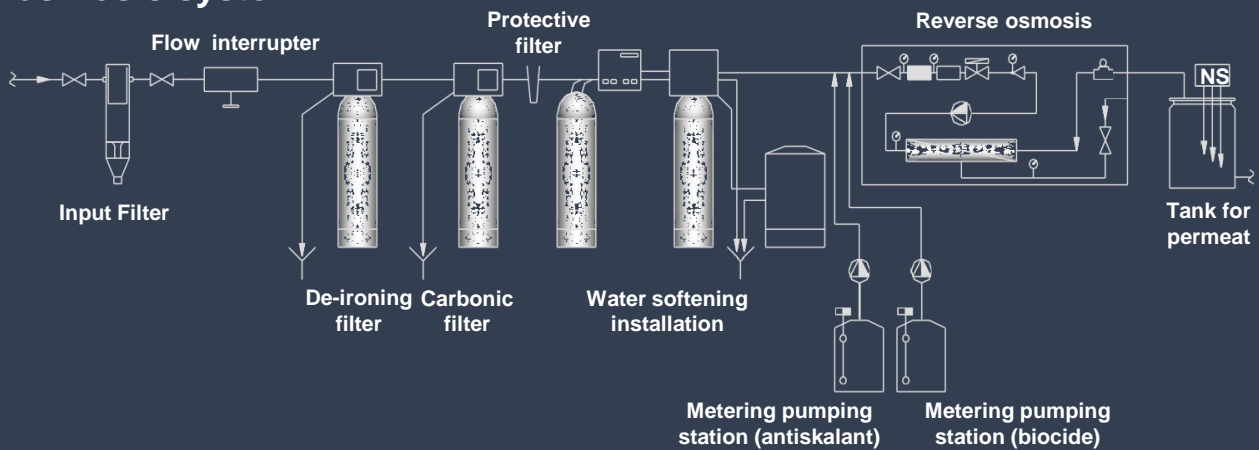


RECOMMENDED TECHNOLOGIKAL SHEMES OF REAGENT DOSING

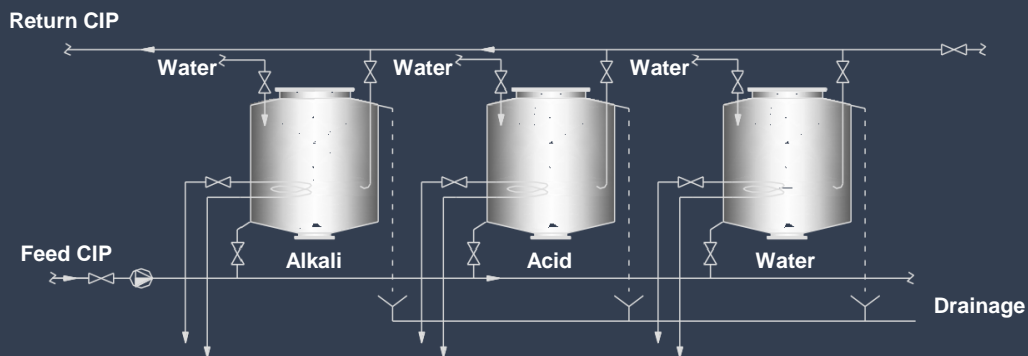
Systems of water-heating boiler rooms



Reverse osmosis system



CIP-washing





COMPANIES USING REAGENTS TM "OSM"

- DTEK Pridneprovskaya TPS, Dnipro
- "Botievo WPP, Botievo
- PC "Zaporizhstal", the city of Zaporozhye
- PC "Interpipe Novomoskovsk Pipe Plant", Novomoskovsk
- LLC "MW "Dneprostal ", Dnipro
- LLC R&D association "Plant Privat-Cable", Dnipro
- JSC "Druzhkovsky factory of metal products", Druzhkovka
- PJSC "Verkhnedneprovsky Plant of Powerful Radio Building", Verkhnedneprovsk
- LLC "Tandem", Dnipro
- LLC "Veles", Kiev
- LLC "Inkod", Dnipro
- LLC "Recuperation of lead", Dnipro
- LLC "OTIS TARDA", Dnipro
- LLC "Miroplast", Dnipro
- LLC "Profine Ukraine", Zaporozhye
- LLC "MBA", Odessa
- NPF "Irkomb-EKT", Kiev
- LLC "UDK", Dnipro
- LLC "VELL-STROY", Kharkiv
- LLC "NEW TECHNOLOGIES", Mariupol
- LLC "PROM-ENGINEERING", village Kalinovka
- LLC "Skloresource", Dubno
- PE "Voronov", Ternopil
- IE Ruban V.V., Kiev
- LLC "SKAY GLASS", Kiev
- PC "Malinskaya Paper Factory-Weidmann", Malin
- FC "Darnitsa", Kiev
- Vasilkovsky psychoneurological boarding house, village Medicinskoe
- ARC "INTERCHIM", Odessa
- Group of companies PC "Myronivsky Hleboprodukt", Kiev
- PJSC "Podillya Food Company", Kryzhopol
- FE "Organic Systems", Nikolaev
- LLC JV "Vitmark-Ukraine", Odessa
- CJSC TM "Zmiev Vegetable Factory", Zmiev.
- PJSC "Vladimir-Volyn Poultry Farm", with. Fedorovka
- PJSC "InterCorn Korn Processing Industrie", Dnipro
- LLC "Starokostantinovsahar", Starokonstantinov
- LLC "Globin Processing Plant", Globino



COMPANIES USING REAGENTS TM "OSM"

- PC "BNAP " Radomyshl ", Radomyshl
- PC "Poltavpivo", Poltava
- LLC "Dniproolia", Dnipro
- LLC "GradOlia", Kirovograd
- LLC "Ecobiotek-Ukraine", Kherson
- DDC "Gidrosend", Kirovograd
- PC "ROSHEN", Kiev
- LLC "Chuguev", Chuguev
- LLC "Vinnitsa", Vinnitsa
- LLC "Globin Meat-Packing Plant", Globino
- LLC "Globin Creamery", Globino
- PJSC "Kremenchug Hormozolozavod", Kremenchug
- LLC "Agrana Fruit Ukraine", Vinnitsa
- LLC-Enterprise "Izumrud LTD", Kremenchug
- PJSC "Tsarichansky plant of mineral water", village Tsarichanka
- LLC "Aqua Star", Melitopol
- LLC "Ukrainian Distribution Company" Kiev
- LLC "Veles" TM "Colonist", Odessa region.
- PJSC "Lviv Refrigerating Plant", Lviv
- LLC "EKO-SPHERE", Kalinovka
- LLC "Koshik & Partners", village Akimovka
- PE Polich, Dnipro
- PE Chupryna, Dnipro
- PE Kopotev EV, Zaporozhye
- LLC "Watermark", Odessa
- PE Gaidar, Kharkiv
- LLC "NPP" Iceberg Group ", Kharkiv
- LLC "Hydroecology", Zaporozhye
- LLC "Install Dnepr", Dnipro
- LLC "Energotechnology", Kramatorsk
- LLC "New Technologies", Mariupol
- PE "Lusk-Oil", Kyiv region.
- PE "Promterloservis", Zaporozhye
- PE "ROKIE-WEST", Zaporozhye
- PE "Teploservis-Sokol", Kherson
- LLC "UkrAquaTech", Odessa
- LLC "Khortytsya-Interm-project", Zaporozhye
- LLC "ICE UA", Kiev
- LLC "Aquantis Group", Dnipro
- LLC "VARM AP", Dnipro



COMPANIES USING REAGENTS TM "OSM"

- PE "Studio of Cyril Justuzhanin", Kiev
- R&D LLC "Iceberg Group", Kharkiv
- LLC "ALPHA-PET", Zaporozhye
- LLC "ASTER-M", Kharkiv
- PE Crow OV, Cherkassy
- PE Vinogradov A.A.
- PE Ochkalov Yu.N.
- PE Polich V.V.
- LLC "VOTR FLO PRODUCTION", Kiev
- LLC "VSM SERVICE", Kiev
- LLC "Invent Group", Dnipro
- LLC "PROFILTRON", Dnipro
- LLC "Pure Light Fasilikom", Kiev



2b Horiana str.
Dnipro, 49050 Ukraine
www.fabrikaosnova.com.ua
info@fabrikaosnova.com.ua
+38(056)7948990 +38(067)5618108

External markets manager - Sergey Polishchuk
+38 (068) 1168621 osnova.sp71@gmail.com