

Rivolta®

Product Range



Special Lubricants
Cleaners
Corrosion protection
Maintenance products



bremer & leguil

Excellent Expertise. High Quality Products.

Our customers’ requirements are increasing every day. New machine designs with higher speeds, increasing loads and greater forces are also confronting the lubricants industry with even greater challenges. One of our objectives is to continuously work on the development of new and existing products to meet the more complex requirements of the challenges facing us. We can only keep up with these developments and remain successful by being able to offer exactly what our customers need.

Customer orientation has always been and remains a central pillar of our company philosophy. We advise our customers on an individually and personal basis — simply because we regard a cooperative partnership with our customers as the basis for long-term success.

From our company headquarters in Duisburg, our team of committed and technically qualified field representatives cover 40 over cities and regions in Germany. This nationwide network ensures we are always able to provide personal and local support. In addition, other staff members at our company HQ who specialise in research, engineering and hazardous substance management are available for consultation on a daily basis.

Our new product brochure is designed to make it easier to find your way around our high quality product portfolio. We have redesigned the illustration and presentation of our products so that now you can select from the desired application area and view the most important characteristics at a glance.

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360° Service



Beyond promises.

Research, development and production from a single source — that is what distinguishes Bremer & Leguil from other suppliers. We do not merely contact the sales department and management of large, small and medium-sized companies, but particularly support the users on the factory floor. Our 360-degree service includes various tools that customers can use entirely according to their needs:

- Application diagrams
- Hazardous material substitution
- Operating instructions
- Seminars and training sessions

Our speed of delivery, an important factor in modern production processes, has now impressed over 15,000 customers in industry and the energy supply, food and pharmaceutical sectors, as well as municipal enterprises.

We are able to deliver 97.5% of our products to our German customers within 72 hours and 96% of all orders are consigned to the forwarding company on the desired date.

If required, we can offer an individual product development or an own label as part of our customer-oriented services.

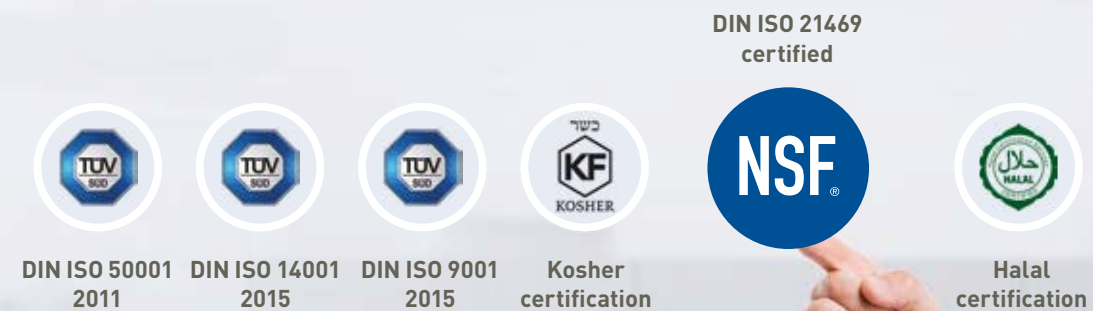
With current certification including DIN EN ISO 21469, Bremer & Leguil offer a well thought out portfolio of products and services, that makes us one of the best and most popular suppliers in the market.



As one of our customers, you can rely on receiving local competent advice!

We are happy to visit you to present our products and to discuss your queries. We will gladly work with you to develop individual concepts tailored exactly to your requirements.

Eleven specially trained members of staff are available to answer your questions about technical applications and another eight specialists in the fields of research, engineering and hazardous substance management.





1. Demand-specific Lubricants

Lubricants are needed in all areas of production processes and ensure the smooth running of processes in the manufacture of countless products. The areas of application range from roller and plain bearings to sensitive lubricants for the food industry. Lubricants not only reduce wear and friction, they also have an influence on force transfer, corrosion, heat transfer and vibration damping.

There are naturally very strict specifications for these products in the food industry. All of our NSF certified products reliably meet the legislative requirements and are non-hazardous with regard to health and the environment. You are certain to find exactly the right thing for your individual needs in our comprehensive range of products. We shall be happy to advise you without obligation – why not give us a call?

1.1 Oils

Product	Gear units	Hydraulics	Chains & ropes	Electro-maintenance	Compressors	Roller & plain bearings	Maintenance	Description	Properties		
C.H.G. 3	●	●		●	●	●		Fully synthetic top-performance oil: universal in use, very oxidative stable, applicable in maintenance units and oil-lubricated roller and plain bearings	32	55	140
C.H.G. 4	●	●		●	●			Fully synthetic top-performance oil: universal in use, very oxidative stable, also for oil-lubricated roller and plain bearings	46	55	140
C.H.G. 6	●	●		●	●			Fully synthetic top-performance oil: universal in use, very oxidative stable, also for oil-lubricated roller and plain bearings	68	51	140
C.H.G. 10	●	●		●	●			Fully synthetic top-performance oil: universal in use, very oxidative stable, also for oil-lubricated roller and plain bearings	100	51	140
C.H.G. 15	●			●	●			Fully synthetic top-performance oil: universal in use, very oxidative stable, also for oil-lubricated roller and plain bearings	150	45	140
C.H.G. 22	●					●		Fully synthetic top-performance oil: universal in use, very oxidative stable, also for oil-lubricated roller and plain bearings	220	40	140
F.L. 5 F.L. 5 Spray						●		Synthetic creep and fine oil: free of acids and resins, capillary and surface-active, good cleaning effect	NSF HT		

Product	Gear units	Hydraulics	Chains & ropes	Electro-maintenance	Compressors	Roller & plain bearings	Maintenance	Description	Properties			
F.L. 12		●						Synthetic food grade lubricating oil: good sealing compatibility, little evaporation propensity, high ageing and oxidation stability	NSF HT	5	55	100
F.L. 20		●						Synthetic food grade lubricating oil: good sealing compatibility, little evaporation propensity, high ageing and oxidation stability	NSF HT	15	62	100
F.L. 50 F.L. 50 Spray		●	●		●			Synthetic food grade lubricating oil: good sealing compatibility, little evaporation propensity, high ageing and oxidation stability	NSF HT	32	60	140
F.L. 75		●			●			Synthetic food grade lubricating oil: good sealing compatibility, little evaporation propensity, high ageing and oxidation stability	NSF HT	46	59	140
F.L. 88 N F.L. 88 N Spray			●					Synthetic food grade chain lubricant: good creep and adhesive properties, oxidation stable	NSF HT	85/460	35	140
F.L. 100		●			●			Synthetic food grade lubricating oil: good sealing compatibility, little evaporation propensity, high ageing and oxidation stability	NSF HT	68	52	140
F.L. 125	●		●		●			Synthetic food grade lubricating oil: good sealing compatibility, little evaporation propensity, high ageing and oxidation stability	NSF HT	100	45	140
F.L. 170	●		●		●			Synthetic food grade lubricating oil: good sealing compatibility, little evaporation propensity, high ageing and oxidation stability	NSF HT	150	45	140
F.L. 250 F.L. 250 Spray	●		●					Synthetic food grade lubricating oil: good sealing compatibility, little evaporation propensity, high ageing and oxidation stability (Spray ISO VG 320)	NSF HT	220	40	140
F.L. 400	●							Synthetic food grade lubricating oil: good sealing compatibility, little evaporation propensity, high ageing and oxidation stability	NSF HT	320	35	140
F.L. 500	●							Synthetic food grade lubricating oil: good sealing compatibility, little evaporation propensity, high ageing and oxidation stability	NSF HT	460	33	140
F.L. 1000 F.L. 1000 Spray			●					Synthetic food grade lubricating oil: good creep and adhesive properties, oxidation stable	NSF HT	1500	12	140
F.L. 2000 F.L. 2000 Spray			●					Synthetic food grade lubricating oil: good creep and adhesive properties, oxidation stable	NSF HT		10	140

1.1 Oils

Product	Gear units	Hydraulics	Chains & ropes	Electro-maintenance	Compressors	Roller & plain bearings	Maintenance	Description	Properties			
F.L. HT F.L. HT Spray			●					High-temperature chain lubricant: thermal stability up to +240 °C, good adhesive properties, little evaporation propensity	NSF HT			
F.L. KM 100				●				Synthetic refrigeration oil: excellent low temperature flowbility, high thermal and chemical stability	NSF HT			
F.L. PG 250	●							Special food grade gear oil: high wear protection, good load carrying capacity	NSF HT			
F.L. PG 500	●							Special food grade gear oil: high wear protection, good load carrying capacity	NSF HT			
F.L. SI			●			●		Silicone oil: wide operative temperature range, excellent maintenance and protection properties	NSF 30 HT			
F.L. TM Spray						●		Silicone-free allround release agent: easy removability, very thin separating film	NSF HT			
N.B.A. 75		●						Readily biodegradable hydraulic oil: developed for the food processing and packaging industry for the application in environmentally related and environmentally sensitive areas	NSF HT			
S.B.H. 11		●						Synthetic biodegradable hydraulic oil: generally hazardous to waters, has the EU Ecolabel, excellent Viscosity-Temperature behaviour				
S.B.H. 23		●						Synthetic biodegradable hydraulic oil: generally hazardous to waters, has the EU Ecolabel, excellent Viscosity-Temperature behaviour				
S.I.L. Spray						●		Silicone oil: wide operative temperature range, excellent maintenance and protection properties	NSF 30 HT			
S.K.D. 16 N S.K.D. 16 N Spray			● i.	●		●		Synthetic inside bearing lubricant: good penetrating ability, cleaning effect, releases rust and pollution, reduces wear				
S.K.D. 55			●					Synthetic adhesive chain lubricant: for highly loaded chains, for the processing by central lubricating systems, e.g. for escalators, railway vehicles				
S.K.D. 170 S.K.D. 170 Spray			● i.					Synthetic adhesive chain lubricant: universal, adhesive chain lubricant and external lubricant for ropes				
S.K.D. 240 S.K.D. 240 Spray			●					Synthetic high-temperature chain oil: for the application in hot areas for long-term temperatures				
S.K.D. 320 N			● i.					Synthetic high-temperature chain oil: hot areas with long-term temperatures up to +250 °C, little evaporation propensity				
S.K.D. 2000 S.K.D. 2000 Spray			●					Synthetic adhesive chain lubricant: for the lubrication and conservation of highly loaded chains and ropes				
S.K.D. 3000 S.K.D. 3000 Spray			● o.					Synthetic adhesive chain lubricant: extremely adhesive lubricant for the outer section and for extreme requirements, also for O- and X-ring chains				

i. = for the inside lubrication of chains and ropes / o. = for the outside lubrication of chains and ropes

Product	Gear units	Hydraulics	Chains & ropes	Electro-maintenance	Compressors	Roller & plain bearings	Maintenance	Description	Properties			
S.K.M. 17 S.K.M. 17 Spray		●	●			●	●	Synthetic high-performance oil: good creep properties, e.g. for chain lubrication perfectly suitable				
S.K.M. 41	●	●	●			●		Synthetic high-performance oil: high ageing and oxidation stability, ideal for the lubrication of escalators				
S.K.M. 46	●	●	●			●		Synthetic high-performance oil: high ageing and oxidation stability, ideal for the lubrication of escalators				
S.K.M. 56	●	●	●			●		Synthetic high-performance oil: high ageing and oxidation stability, ideal for the lubrication of escalators				
S.K.M. 121	●					●		Synthetic high-performance oil: high ageing and oxidation stability				
S.K.M. 171	●							Synthetic high-performance oil: high ageing and oxidation stability				
S.K.M. 3010 Spray			●					Synthetic adhesive lubricant: adhesive lubricant in ecologically sensitive areas				
S.P.G. 250	●					●		Synthetic high-performance gear oil: high wear protection, very oxidation-stable, particularly suitable for worm gears				
S.P.G. 500	●					●		Synthetic high-performance gear oil: high wear protection, very oxidation-stable, particularly suitable for worm gears				
S.K.S. 40 S.K.S. 40 Spray						●		Universal cutting oil: chlorine free, fully synthetic and little evaporation propensity, for drilling and sawing operations				
S.K.S. 48 S.K.S. 48 Spray						●		Special cutting oil: chlorine free and fully synthetic, for most difficult machine operations with high alloy steels				
T.F.L. 10 T.F.L. 10 Spray						●		Multi-functional oil with PTFE: Fine oil with a partly solid lubricant for the lubrication and maintenance of metal and plastic surfaces				
T.K.S. Spray						●		Silicone-free high performance release agent: for easy demoulding of plastic injection moulded parts and minimisation of flow lines	NSF MT			
T.M.F.						●		Biodegradable multi-functional oil: not classified as dangerous, universal in use as low viscosity lubricant, care agent for stainless steel, medium term protection and many more				
T.R.S. Plus T.R.S. Plus Spray			●			●		Synthetic creep and fine oil: odourless, universal in use, to release and get going seized mechanical parts, care agent for stainless steel, to unblock rust and many more				

1.2 Greases

Product	Gear units	Hydraulics	Chains & ropes	Electro-maintenance	Compressors	Roller & plain bearings	Maintenance	Description	Properties
F.L.G. 2-0	●					●		Synthetic lubricating semifluid grease: for central lubrication systems, especially in packaging machines	NSF H1 -50 +120 °C
F.L.G. 3-1	●					●		Synthetic gear lubricating grease: for open and closed gears	NSF H1 0-00 NLGI -40 +140 °C
F.L.G. 4-2						●		Synthetic bearing lubricating grease: universally applicable roller and plain bearing grease, especially in the food and drink industry	NSF H1 2 NLGI -40 +140 °C
F.L.G. GT-0	●					●		Synthetic fluid grease: for roller bearings with wide temperature range	NSF H1 00 NLGI -40 +140 °C
F.L.G. GT-2			●			●		Synthetic multi-temperature grease: for roller bearings with wide temperature range, ideal for central lubrication systems	NSF H1 2 NLGI -45 +170 °C
F.L.G. GT-3						●		Synthetic multi-temperature grease: for plastic injection moulding machines, to lubricate runner and tool adjustments, good corrosion protection properties	NSF H1 2 NLGI -40 +170 °C



Excellent lubricant properties!

S.K.D. 6002

Extreme temperature grease

Fully synthetic extreme temperature grease based on a performance-optimised, extremely low vaporisation fluorine oil and a special inorganic thickener. As a result, considerably longer lubrication intervals can be achieved at temperatures up to +300 °C than with conventional fluorine greases. NSF H1 registered.

F.L.G. GT-4						●		Synthetic multi-temperature grease: for roller bearings with wide temperature range and high load carrying capacity	NSF H1 2 NLGI -35 +180 °C
F.L.G. GT Spray			●	●		●		Synthetic multi-temperature grease: very good water resistance, excellent corrosion protection [also electrical contacts], sliding points	NSF H1 2 NLGI -45 +170 °C
F.L.G. HF-2						●		Synthetic adhesive lubricating grease: general lubrication of roller bearings and as grease for suspension track conveyors, good water resistance	NSF H1 1-2 NLGI -40 +140 °C
F.L.G. MD-2			●			●	●	Silicone grease: specially for EPDM seals in the drinks industry, mounting agent for plastic and ceramic parts	NSF H1 2-3 NLGI -40 +200 °C



Product	Gear units	Hydraulics	Chains & ropes	Electro-maintenance	Compressors	Roller & plain bearings	Maintenance	Description	Properties
S.K.D. 3400 S.K.D. 3400 Spray		●				●		Highest pressure adhesive lubricant: high-pressure semi-synthetic grease for highest pressure conditions, e.g. gears, gear wheels, roller and plain bearings	3 NLGI -30 +120 °C
S.K.D. 3501						●		High-speed grease: for the lubrication of roller bearings at very high revolutions and at low temperatures	1-2 NLGI -40 +120 °C
S.K.D. 3602 S.K.D. 3602 Spray		●	●		●	●		High-pressure, high-performance grease: semi-synthetic, für high loaded plain and roller bearings, guidances, spindles. Usable as electric contact grease	2 NLGI -30 +140 °C
S.K.D. 3800						●		Biodegradable lubricant for switches: switches and gliding planes at rail track systems, high water resistance, reduces friction and wear, good UV-resistance	000 NLGI -35 +100 °C
S.K.D. 3802		●			●	●		Biodegradable multi-purpose lubricant: universal in use, also for guidances, spindles, electric motors and many more	2 NLGI -40 +130 °C
S.K.D. 3817					●	●		Biodegradable turbine bearing lubricant: universal in use, also for guidances and spindles, very efficient in central lubrication systems	1 NLGI -55 +100 °C
S.K.D. 3833 N		●			●	●		Biodegradable high-pressure grease: for highly loaded roller and plain bearings in ecological systems	2 NLGI -30 +130 °C
S.K.D. 3915		●			●	●		High-temperature, heavy-load grease: grease with good corrosion protection properties	1-2 NLGI -20 +180 °C
S.K.D. 4002			●		●	●		High-temperature, high-performance grease: universal in use, wide temperature range, also for guidances, spindles, electric motor bearings, can be used as electrical contact grease	2 NLGI -50 +210 °C
S.K.D. 5001			●		●	●		Highest temperature grease: fluorine oil basis, highest thermal and excellent media resistance, lubrication of roller and plain bearings, guidings and plastics. Electrical contact grease	NSF H1 1 NLGI -25 +260 °C
S.K.D. 5002			●		●	●		Highest temperature grease: fluorine oil basis, highest thermal and excellent media resistance, lubrication of roller and plain bearings, guidings and plastics. Electrical contact grease	NSF H1 2 NLGI -20 +260 °C
S.K.D. 6002						●	●	Extreme-temperature grease: fluorine oil basis, extreme thermal and media resistance, also for guidances, spindles in plastic injection moulding machines, very good compatibility with plastics	NSF H1 2 NLGI -30 +300 °C

1.3 Pastes

Product								Description	Properties			
	Gear units	Hydraulics	Chains & ropes	Electro-maintenance	Compressors	Roller & plain bearings	Maintenance					
F.L.A.								High-performance assembly paste: especially for the food and drink industry, resistance against acids, lyes and water, very good adhesive power	NSF H1			-40 +1200 °C
F.L.B.								Stainless steel high-temperature assembly paste: especially for thermally stressed stainless steel screw connections, resistant to acids, alkalis and water, calcium-free, good adhesion	NSF H1			-40 +1200 °C
G.W.F. G.W.F. Spray								Anti-seize-agent and lubricant: assembly paste for thermally high loaded connections (VA-steel), stainless steel fittings, etc., prohibits fretting corrosion				-180 +1200 °C



Our Top-Seller!

G.W.F.

Anti-seize-agent and lubricant

Assembly paste for temperatures up to +1.200°C. Protects against corrosion and fretting corrosion. G.W.F. is resistant against water and salt. Therefore suitable for applications in wet areas.

P.A.W.								Fully synthetic lubricating and assembly paste: High-performance grease paste with synergistically acting highly effective white solid lubricants for the assembly of screwed connections made of steel and stainless steel	NSF H1	2 NLGI	-40 +1200 °C
W.A.P. W.A.P. Spray								High-performance grease paste: extremely water-resistant high-performance grease paste with metal oxides ceramic solids. For screw fittings, highly loaded bearings and screw drives, chucks, etc. good protection against corrosion and fretting corrosion		2 NLGI	-20 +1200 °C

Rivolta®: ensures optimum lubrication and hygiene



NSF certified
DIN EN ISO 21469



Halal
certification



Kosher
certification

Special regulations apply to the cleaning and lubrication of production systems in the food industry. As it is not possible to completely rule out contact with the machines during the manufacture of the goods, it is mandatory to use special products with NSF certification.

Note: NSF International is an American not-for-profit organisation that provides standardisation and certification in the drinking water, food and healthcare sectors. Products are classified according to their type of use. More information about these classifications can be found at www.nsf.org.

DIN EN ISO 21469 certification also allows Bremer & Leguil to meet the hygiene requirements for lubricants with no foreseeable product contact.





2. Cleaner for all kinds of applications

Soiled machine parts, systems and surfaces are not only visually annoying, they can also bring the entire work process to a halt. Special cleaners are required to properly clean various materials in a wide variety of circumstances. For these jobs we can provide solvent-based or water-based cleaning agents.

Our range is as varied as the requirements it has to meet. You will find a comprehensive portfolio of cleaning agents with everything from a spray can to a securitycleaner. If requested, we can arrange individual training for you and your staff in the use of our products. Please contact us and we will be happy to assist you. .

2. Cleaners

Product	Electric cleaning	Spray-washing machines	High-pressure devices	Ultrasonic bath, Dipping bath	Floor cleaning	Washbasin	Manual cleaning	Description	Properties
A.C.S. Spray							●	Acetone-spray: rapid and thorough cleaning of shiny steel- and metal components, removal of sealings	KW
A.C.S. 3 Spray							●	Rapid evaporating cleaner: extremely effective rapid dissolving effect towards oily, greasy and resinous dirt from metallic surfaces	KW
B.F.C. Spray							●	A1-Foam cleaner : odourless active foam for the cleaning and degreasing of water-resistant surfaces	NSF A1 H2O nonVOC
B.N.L. 848	●	●	●	●	●	●	●	Low-foaming neutral cleaner: very good cleaning performance, for the cleaning of sensitive materials such as aluminium, zinc, corrosion protection, VOC-free	H2O nonVOC
B.R.X. 540				●				In-depth cleaner for floors: highly concentrated substance combination, phosphate-free, highly alkaline, removes even the most stubborn dirt	H2O nonVOC
B.R.X. 611	●	●	●	●	●	●	●	Low-foaming degreasing concentrate: user-friendly, highly active, versatile, VOC-free	NSF A1 H2O nonVOC
B.R.X. 624	●	●	●	●				Foam-free, high-performance cleaner: highly alkaline, energy efficient – delivers its full power already at room temperature, VOC-free	H2O nonVOC
B.R.X. 637	●	●	●	●				Low-foaming, high-performance cleaner: very energy efficient – delivers its full power already at low temperatures, corrosion preventive, VOC-free	NSF A1 H2O nonVOC

Product	Electric cleaning	Spray-washing machines	High-pressure devices	Ultrasonic bath, Dipping bath	Floor cleaning	Washbasin	Manual cleaning	Description	Properties
B.R.X. 648			●			●		High-performance cleaner: phosphate free, highly alkaline, especially to remove paints, lacquers, caked on lubricants, cracked oils and resins, VOC-free	H2O nonVOC
B.R.X. 659	●							Industrial power cleaner: removes stubborn dirt from sensitive surfaces such as aluminium and non-ferrous metal, corrosion preventive, VOC-free	H2O nonVOC
B.S.E.			●			●		Safety rust remover: for the removal of rust, lime and scale deposits, free of mineral acids, VOC-free	NSF A3 H2O nonVOC
B.W.K.			●		●	●		Water-based power cleaner: ready to use, alternative to solvents, removes stubborn dirt, versatile, good material compatibility	NSF A1 H2O nonVOC
B.W.K. Wipes Set						●		Wipes: user-friendly, for the removal of persistent dirt, e.g. like greases, pastes, oils, wax residues from water-resistant surfaces	NSF A1 H2O nonVOC



















The powerhouse with NSF-A1 registration!

B.W.X
Xtreme cleaner

With its Xtreme Power and fast evaporation, Rivolta B.W.X. gets to grips with the most stubborn dirt, which could previously only be cleaned with solvent-based products. It gently and effectively cleans countless surfaces such as steel, stainless steel, non-ferrous metals, chrome, glass or ceramics.

B.W.K. Cleaning wipes						●	Cleaning wipes: convenient mini flowpacks - ideal companions for commissioning and assembly of plants, for removal of stubborn dirt from water-resistant surfaces	NSF A1 H2O nonVOC
B.W.R. 180	●	●	●	●	●	●	Cleaning concentrate: user friendly, good material compatibility, energy efficient – delivers its full power already at low temperatures	NSF A1 H2O nonVOC
B.W.R. 210			●			●	Cleaning concentrate: high cleaning power, highly concentrated, to clean / degrease water-resistant surfaces	NSF A1 H2O nonVOC
B.W.R. 210 phos.-frei	●	●	●	●	●	●	Low-foaming cleaning concentrate: extreme degreasing power, phosphatefree and separator-friendly, corrosion preventive, VOC-free	H2O nonVOC
B.W.S.						●	Finish-cleaner: ready-to-use, fast drying, good material compatibility, free from dyes, fragrances and preservatives	NSF A1 H2O nonVOC
B.W.S. Wipes Set						●	Wipes user-friendly, for the removal of oily and greasy dirt, fingerprints, soot and dust, nicotine and much more from water-resistant surfaces	NSF A1 H2O nonVOC
B.W.X.						●	Xtreme cleaner: user-friendly alternative to loose detergent-based cleaners, removes the most stubborn soiling	NSF A1 H2O nonVOC

2. Cleaners

Product	Electric cleaning Spray-washing machines	High-pressure devices	Ultrasonic bath, Dipping bath	Floor cleaning	Washbasin	Manual cleaning	Description	Properties				
E.S.E. 340	●						De-foamer for waterbased systems: effective destruction of foam, silicone free, very efficient					
E.V.R.	●	●			●		Electro pre-cleaner: ready to use, water based product for the pre-cleaning of electrical components. (not under voltage)					
M.T.X.			●	●	●		Special cleaner: evaporates slowly, without any residues, solvent with high cleaning power					
M.T.X. 60			●	●	●		Special cleaner: ery good degreasing power, nearly odourless, quick evaporation without residues – cleaned product can be used again quickly					
M.T.X. 60 forte M.T.X. 60 forte Spray			●	●	●		Intensive cleaner: fast evaporating cleaner for stubborn contaminants like cracked oils and greases. Spray is also available as CO ₂ filled version					
M.T.X. 100			●	●	●		Special cleaner: very good degreasing effect, quick and residues free evaporation – cleaned items can be processed shortly after the cleaning					
M.T.X. 160			●	●	●		Special cleaner: slow and residues free evaporating solvent with temporary corrosion protection component					
M.T.X. nonVOC forte			●	●	●		nonVOC intensive cleaner: very slow evaporating intensive cleaner for stubborn contaminations, is not subject to the 31. BImSchV. (Voc-decree)					
M.T.X. Ultra			●	●	●		Power cleaner: slow evaporating power cleaner for for specific tenacious contaminations like wax, paint residues, bitumen, tar, cracked grease/oil					
N.I.T.			●		●		Hotmelt remover: for the removal of persistent dispersion adhesive and hotmelt residues of machine and plant surfaces as well as application devices					






Efficient cleaning of your PV modules!















P.H.C.

Photovoltaic cleaner

Rivolta P.H.C. is a material-friendly, highly efficient and biodegradable cleaning concentrate for the removal of soiling from photovoltaic systems. Its material compatibility towards PV module components has been tested by the Fraunhofer CSP Institute.

O.C.X. O.C.X. Spray	●				●		Oxide remover: for a safe removal of oxide and sulphide layers or oil that became resin, grease residues as well as metal abrasions on electrical contacts of all kind					
P.H.C.					●		Photovoltaic cleaner: gentle on materials and highly efficient, for removing contamination and environmental deposits from photo- voltaic systems					
S.B.C. Spray					●		A1-Special cleaner : special cleaner with rapid and residue-free evaporation, good cleaning effect against oil and grease as well as plastic and sealing residues					

Product	Electric cleaning Spray-washing machines	High-pressure devices	Ultrasonic bath, Dipping bath	Floor cleaning	Washbasin	Manual cleaning	Description	Properties				
S.C.F. Spray					●		A1-Degreaser: enormous cleaning power, good material compatibility, residue-free and rapid evaporation, mild smell					
S.E.G. Spray					●		Remover for graffiti: effective removal of paint, varnish and felt-tip pen graffiti as well as adhesive residues from smooth, non-absorbent surfaces					
S.F.R. Spray					●		Special mould cleaner: for the cleaning of moulds and tools on injection moulding machines, dissolves a large variety of plastic residues					
S.K.A.			●		●		Mould cleaner: user-friendly, removes residues that arise on tools and moulds during plastics processing					
S.K.E.			●		●		Special adhesive remover: effective removal of adhesives, loctite and sealing residues					
S.L.X. 500 S.L.X. 500 Spray	●	●			●		Special safety cleaner: wet cleaning of electrical installations and machines also under voltage. Strong cleaning effect with very quick evaporation without residues, non flammable, dielectric strength >130 kV/cm					
S.L.X. 1000 S.L.X. 1000 Spray	●	●			●		Special safety cleaner: wet cleaning of electrical installations and machines also under voltage. Strong cleaning effect with very fast evaporation without residues, non flammable, dielectric strength >190 kV/cm					
S.L.X. Rapid Spray	●				●		Universal rapid cleaner: effective cleaning of electrical installations and general machine parts e.g. in the food industry. Fast and residues free evaporation. (not under voltage)					



Our new special cleaner with mild smell!

S.C.F. Spray

A1-Degreaser

The special cleaner evaporates without residues and is based on a combination of highly effective, modern substances. It is characterized by a mild smell, a good material compatibility and excellent dissolving power. The NSF-A1 listed cleaner is suitable for the reliable removal of persistent impurities like resins, oils, greases, etc. in all industrial sectors.

S.L.X. Super	●	●			●		Electro safety cleaner: wet cleaning of electrical installations and machines. Intensive cleaning power with slow and residues free evaporation, dielectric strength >190 kV/cm. (not under voltage)					
S.L.X. Top S.L.X. Top Spray	●	●			●		High performance electro cleaner: wet cleaning of electrical installations and machines. Intensive cleaning power with ormal and residues free evaporation, dielectric strength >150 kV/cm. (not under voltage)					
S.N.C. 101			●		●		Mould cleaner and glue remover: excellent dissolving power towards polymer and adhesive residues on metallic surfaces					
S.R.K.			●		●		Special cleaner concentrate: extremely effective - for the primary treatment of metallic components against e.g. hardened oil and grease layers					
S.U.W. Spray					●		Special cleaner for wind power stations and industrial plants: enormous cleaning power, good material compatibility, residue-free and rapid evaporation, mild smell					

3. No Chance for Corrosion

Corrosion is the substantial alteration of materials due to reaction with the environment and is a potential hazard with both economic and health consequences for the company and its staff.

The process of corrosion depends on both the properties of the materials and the environmental influences they are subjected to. Corrosion processes are very varied and often complex.

We provide both oily and wax-type products for the protection of plant and machinery. Our products provide protection in a wide variety of situations: from temporary surface preservation to long-term, close-down, interim and final preservatives, to preparation for outside storage or ocean shipment.

Find the product for your particular application.

3. Corrosion protection

Product	Oily	Waxy	Indoor storage	Outdoor storage under roof	Outdoor storage	Description	Properties			
F.L. CPF F.L. CPF Spray	●		15 month	6 month		Synthetic corrosion protection fluid: to preserve complete machines, for mid-term conservation of semi-finished goods	NSF HT		KW	
F.L. CPG Spray		●	18-24 month	6-12 month		Synthetic corrosion protection spray: for mid-term conservation of semi-finished goods, injection moulds, thin film conservation without penetration effects	NSF HT		KW	
K.S.P. 150 K.S.P. 150 Spray	●		15 month	6 month		Corrosion inhibiting oil: low viscosity, very good creeping effect, thanks to excellent demulsifying properties also for immersion bath applications, universal applications, drying			KW	
K.S.P. 204	●		18-24 month	6-12 month		Corrosion inhibiting oil: for an efficient temporary conservation, permanent thin oily protection film			KW	
K.S.P. 204 nonVOC	●		18-24 month	6-12 month		VOC-free corrosion inhibiting oil: for an efficient temporary conservation, VOC-free			KW	nonVOC
K.S.P. 204 VCI	●		24 month	12 month		Thixotropic corrosion protection with VCI: VOC-free, suspended expiry, contains VCI			KW	nonVOC
K.S.P. 305 Spray		●	18-24 month	6-12 month		Corrosion protection wax: waxy, colourless and silicone-free corrosion protection spray, especially for injection moulds and tools			KW	

Product	Oily	Waxy	Indoor storage	Outdoor storage under roof	Outdoor storage	Description	Properties			
K.S.P. 305 R Spray		●	18-24 month	6-12 month		Corrosion protection wax red: red pigmented K.S.P. 305 Spray for an easy visibility of the protected areas			KW	
K.S.P. 312 N Spray		●	24-36 month	18-24 month	6-12 month	Corrosion protection wax: rapidly effective temporary long-term corrosion-protection in spray cans			KW	
K.S.P. 317		●	24-36 month	18-24 month	6-12 month	Corrosion protection wax: very economical wax with allround application possibilities, temporary long-term corrosion-protection			KW	
K.S.P. 440 nonVOC		●	30-72 month	24-48 month	12-36 month	VOC-free corrosion protection wax: VOC-free full solid long-term corrosion protection wax for extreme storage-, transport- and surrounding conditions			KW	nonVOC
W.S.X. W.S.X. Spray	●					Moisture protection: colourless, fine and water-repellent protection film for electricals components. Protects components against corrosion and defaults due to moisture			KW	



NEW

Convincing properties!










R.I.S. Spray










Rust remover

Fully synthetic, highly effective rust remover with coldshock effect. By spraying on, the material surfaces are suddenly cooled down to minus temperatures and micro-cracks are created in the corrosion layer due to shrinkage effects. Rivolta R.I.S. Spray penetrates quickly into these microcracks and stuck components can be loosened very well.

R.I.S. Spray	●					Fully synthetic, highly effective rust remover: Ideally suited for the quick and effective loosening of rusted and stuck parts of all kinds, e.g. screwed connections, hinges, bolts, chains and much more				
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The named storage period and respective conditions can only be reached if all processing guidelines ut of the single product information sheets are fulfilled.

										
	Page	Tube	Cartridge	Dispenser	Wipes	Spray	Can	Bottle/Can	Hobbock	Drum
A.C.S. Spray	14	-	-	-	-	750ml	-	-	-	-
A.C.S. 3 Spray	14	-	-	-	-	750ml	-	-	-	-
B.F.C. Spray	14	-	-	-	-	400ml	-	-	-	-
B.N.L. 848	14	-	-	-	-	-	-	10l, 20kg	-	220kg
B.R.X. 540	14	-	-	-	-	10l	-	-	-	200kg
B.R.X. 611	14	-	-	-	-	-	-	11kg, 20kg	-	220kg
B.R.X. 624	14	-	-	-	-	-	-	11kg, 20kg	-	220kg
B.R.X. 637	14	-	-	-	-	-	-	11kg, 20kg	-	220kg
B.R.X. 648	15	-	-	-	-	-	-	10l, 20kg	-	-
B.R.X. 659	15	-	-	-	-	-	-	11kg, 20kg	-	220kg
B.S.E.	15	-	-	-	-	-	-	11kg, 20kg	-	220kg
B.W.K.	15	-	-	-	-	750ml	-	10l	-	200kg
B.W.K. Wipes Set	15	-	-	-	70 pcs	-	-	-	-	-
B.W.K. Cleaning wipes	15	-	-	-	10 pcs	-	-	-	-	-
B.W.R. 180	15	-	-	-	-	-	-	11kg, 20kg	-	220kg
B.W.R. 210	15	-	-	-	-	-	-	11kg, 20kg	-	220kg
B.W.R. 210 phos.-frei	15	-	-	-	-	-	-	11kg, 20kg	-	220kg
B.W.S.	15	-	-	-	-	750ml	-	10l	-	-
B.W.S. Wipes Set	15	-	-	-	70 pcs	-	-	-	-	-
B.W.X.	15	-	-	-	-	750ml	-	10l	-	200kg
C.H.G. 3	06	-	-	-	-	-	-	10l	-	60l
C.H.G. 4	06	-	-	-	-	-	-	10l	-	60l, 200l
C.H.G. 6	06	-	-	-	-	-	-	10l	-	60l, 200l
C.H.G. 10	06	-	-	-	-	-	-	10l	-	60l
C.H.G. 15	06	-	-	-	-	-	-	10l	-	60l
C.H.G. 22	06	-	-	-	-	-	-	10l	-	60l
E.S.E. 340	16	-	-	-	-	-	-	1l, 10l	-	-
E.V.R.	16	-	-	-	-	-	-	1l, 10l	-	-
F.L. 5	06	-	-	-	-	300ml, 400ml	-	1l, 10l, 20l	-	60l
F.L. 12	07	-	-	-	-	10l	-	-	-	-
F.L. 20	07	-	-	-	-	-	-	10l, 20l	-	-
F.L. 50	07	-	-	-	-	400ml	-	10l, 20l	-	60l, 200l
F.L. 75	07	-	-	-	-	-	-	10l, 20l	-	60l, 200l
F.L. 88 N	07	-	-	-	-	400ml	-	10l	-	200l
F.L. 100	07	-	-	-	-	-	-	10l, 20l	-	60l, 200l
F.L. 125	07	-	-	-	-	-	-	10l, 20l	-	60l
F.L. 170	07	-	-	-	-	-	-	10l, 20l	-	60l
F.L. 250	07	-	-	-	-	400ml	-	10l, 20l	-	60l, 200l
F.L. 400	07	-	-	-	-	-	-	10l, 20l	-	-
F.L. 500	07	-	-	-	-	-	-	10l, 20l	-	-
F.L. 1000	07	-	-	-	-	400ml	-	10l	-	-
F.L. 2000	07	-	-	-	-	400ml	-	-	10l	-
F.L.A.	12	100g	-	-	-	-	480g, 1kg	-	-	-
F.L.B.	12	-	-	-	-	-	480g, 1kg	-	-	-
F.L. CPF	18	-	-	-	-	400ml	-	10l	-	-
F.L. CP6 Spray	18	-	-	-	-	400ml	-	-	-	-
F.L.G. 2-0	10	370g	-	-	-	-	-	-	10kg	-
F.L.G. 3-1	10	-	-	-	-	-	1kg	-	10kg, 25kg	-
F.L.G. 4-2	10	-	470g	-	-	-	1kg	-	10kg, 25kg	-
F.L.G. GT-0	10	-	500g	-	-	-	1 kg	-	10kg	-
F.L.G. GT-2	10	-	500g	180g	-	-	1kg	-	10kg, 25kg	-
F.L.G. GT-3	10	-	500g	-	-	-	1kg	-	10kg, 25kg	-
F.L.G. GT-4	10	-	500g	-	-	-	1kg	-	10kg, 25kg	-
F.L.G. GT Spray	10	-	-	-	-	400ml	-	-	-	-
F.L.G. HF-2	10	-	470g	-	-	-	1kg	-	10kg, 25kg	-
F.L.G. MD-2	10	100g	600g	-	-	-	1kg	-	-	-
F.L. HT	08	-	-	-	-	400ml	-	10l, 20l	-	60l, 200l
F.L. KM 100	08	-	-	-	-	10l	-	-	-	60l, 200l
F.L. PG 250	08	-	-	-	-	-	-	10l, 20l	-	60l, 200l
F.L. PG 500	08	-	-	-	-	-	-	10l	-	60l, 200l
F.L. SI	08	-	-	-	-	-	-	10l	-	-
F.L. TM Spray	08	-	-	-	-	400ml	-	-	-	-
G.W.F.	12	100g	-	-	-	400ml	480g, 960g	-	10kg	-
K.S.P. 150	18	-	-	-	-	400ml	-	10l, 20l	-	60l, 200l
K.S.P. 204	18	-	-	-	-	-	-	10l, 20l	-	60l, 200l
K.S.P. 204 nonVOC	18	-	-	-	-	-	-	10l, 20l	-	60l, 200l
K.S.P. 204 VCI	18	-	-	-	-	-	-	10l	-	60l
K.S.P. 305 Spray	18	-	-	-	-	400ml	-	-	-	-
K.S.P. 305 R Spray	19	-	-	-	-	400ml	-	-	-	-

										
	Page	Tube	Cartridge	Dispenser	Wipes	Spray	Can	Bottle/Can	Hobbock	Drum
K.S.P. 312 N Spray	19	-	-	-	-	400ml	-	-	-	-
K.S.P. 317	19	-	-	-	-	-	-	10l	-	60l, 200l
K.S.P. 440 nonVOC	19	-	-	-	-	-	-	-	10kg	-
M.T.X.	16	-	-	-	-	-	-	-	-	60l, 200l
M.T.X. 60	16	-	-	-	-	-	-	10l, 20l	-	60l, 200l
M.T.X. 60 forte	16	-	-	-	-	400ml	-	1l, 10l, 20l	-	60l, 200l
M.T.X. 100	16	-	-	-	-	-	-	10l, 20l	-	60l, 200l
M.T.X. 160	16	-	-	-	-	-	-	-	-	60l, 200l
M.T.X. nonVOC forte	16	-	-	-	-	-	-	-	-	60l, 200l
M.T.X. Ultra	16	-	-	-	-	-	-	10l, 20l	-	60l, 200l
N.B.A. 75	08	-	-	-	-	-	-	10l, 20l	-	200l
N.I.T.	16	-	-	-	-	500ml	-	10l	-	-
O.C.X.	16	-	-	-	-	400ml	-	10l	-	-
P.A.W.	12	100g	500g	-	-	400ml	1kg	-	-	-
P.H.C.	16	-	-	-	-	-	-	10l	-	-
R.I.S. Spray	19	-	-	-	-	400ml	-	-	-	-
S.B.C. Spray	16	-	-	-	-	500ml	-	-	-	-
S.B.H. 11	08	-	-	-	-	-	-	-	-	60l, 200l
S.B.H. 23	08	-	-	-	-	-	-	10l, 20l	-	60l, 200l
S.C.F. Spray	17	-	-	-	-	500 ml	-	-	-	-
S.E.G. Spray	17	-	-	-	-	500ml	-	-	-	-
S.F.R. Spray	16	-	-	-	-	400ml	-	-	-	-
S.I.L. Spray	08	-	-	-	-	400ml	-	-	-	-
S.K.A.	16	-	-	-	-	-	-	10l	-	-
S.K.D. 16 N	08	-	-	-	-	400ml	-	10l, 20l	-	60l, 200l
S.K.D. 55	08	-	-	-	-	-	-	10l, 20l	-	60l, 200l
S.K.D. 170	08	-	-	-	-	400ml	-	10l	-	200l
S.K.D. 240	08	-	-	-	-	400ml	-	10l, 20l	-	60l, 200l
S.K.D. 320 N	08	-	-	-	-	-	-	10l, 20l	-	200l
S.K.D. 2000	08	-	-	-	-	400ml	-	-	10l	-
S.K.D. 3000	09	-	-	-	-	400ml	-	-	10l	-
S.K.D. 3400	11	-	-	-	-	400ml	-	-	10kg, 25kg	-
S.K.D. 3501	11	-	400g	-	-	-	1kg	-	-	-
S.K.D. 3602	11	-	500g	-	-	400ml	1kg	-	10kg, 25kg	-
S.K.D. 3800	11	-	-	-	-	-	-	-	10kg, 25kg	-
S.K.D. 3802	11	-	400g	-	-	-	-	-	10kg, 25kg	-
S.K.D. 3817	11	-	500g	-	-	-	-	-	10kg, 25kg	180kg
S.K.D. 3833 N	11	-	500g	-	-	-	1kg	-	10kg, 25kg	-
S.K.D. 3915	11	-	500g	-	-	-	1kg	-	25kg	-
S.K.D. 4002	11	100g	400g, 500g	-	-	-	1kg	-	10kg, 25kg	-
S.K.D. 5001	11	-	800g	-	-	-	1kg	-	10kg	-
S.K.D. 5002	11	-	800g	200g	-	-	1kg	-	10kg	-
S.K.D. 6002	11	-	-	200g	-	-	500g	-	-	-
S.K.E.	17	-	-	-	-	-	-	10l	-	-
S.K.M. 17	09	-	-	-	-	400ml	-	10l	-	60l, 200l
S.K.M. 41	09	-	-	-	-	-	-	10l	-	-
S.K.M. 46	09	-	-	-	-	-	-	10l	-	60l
S.K.M. 56	09	-	-	-	-	-	-	10l	-	60l, 200l
S.K.M. 121	09	-	-	-	-	-	-	10l, 20l	-	60l, 200l
S.K.M. 171	09	-	-	-	-	-	-	10l	-	60l, 200l
S.K.M. 3010 Spray	09	-	-	-	-	400ml	-	-	-	-
S.K.S. 40	09	-	-	-	-	400ml	-	250ml, 10l	-	-
S.K.S. 48	09	-	-	-	-	400ml	-	250ml, 10l	-	-
S.L.X. 500	17	-	-	-	-	300ml	-	3l, 15kg	-	-
S.L.X. 1000	17	-	-	-	-	300ml	-	3l, 15kg	-	-
S.L.X. Rapid Spray	17	-	-	-	-	400ml	-	-	-	-
S.L.X. Super	17	-	-	-	-	-	-	10l, 20l	-	60l, 200l
S.L.X. Top	17	-	-	-	-	400ml	-	10l, 20l	-	60l, 200l
S.N.C. 101	17	-	-	-	-	-	-	10l	-	-
S.P.G. 250	09	-	-	-	-	-	-	20l	-	-
S.P.G. 500	09	-	-	-	-	-	-	20l	-	-
S.R.K.	17	-	-	-	-	-	-	10l, 20l	-	200l
S.U.W. Spray	17	-	-	-	-	500ml	-	-	-	-
T.F.L. 10	09	-	-	-	-	400ml	-	10l	-	-
T.K.S. Spray	09	-	-	-	-	400ml	-	-	-	-
T.M.F.	09	-	-	-	-	-	-	10l, 20l	-	200l
T.R.S. Plus	09	-	-	-	-	50ml, 300ml 400ml	-	1l, 10l, 20l	-	60l, 200l
W.A.P.	12	-	500g	-	-	400ml	1kg	-	25kg	-
W.S.X.	19	-	-	-	-	400ml	-	10l	-	-

NSF-Registration:



NSF: The NSF (National Sanitation Foundation) is a US- american organisation, which classifies and approves lubricants and cleaners for the use within food and drink production areas.

NSF-Classes:



A1: describes cleaning products for the general, universal use in all areas as well as in production areas of the food industry.



A3: describes acid cleaning products that can be used in and around food processing areas.



A4: describes floor cleaners which can be used in alle areas of the food industry for the cleaning of floors and walls.



K1: describes solvent cleaners which can be used in the food industry outside the production area.



K2: describes solventbased cleaning products for electrical and electronical installations and instruments.



















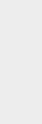
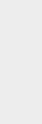





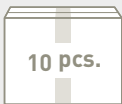
















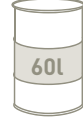

H1: describes lubricants which can be used at critical points in the food industry, where an incidental, unscheduled contact of the lubricant with the food cannot be completely excluded.



Packaging Units



We are happy to assist you in all kinds of questions regarding our products, applications and packaging.

Type of packaging	Packaging size	per carton
	100 g tube	
      	250 ml bottle 300 ml pump-spray 300 ml spray-can 400 ml spray-can 500 ml spray-can 750 ml spray-can	
       	200 g dispenser 370 g tube 400 g cartridge 470 g cartridge 500 g cartridge 600 g cartridge 800 g cartridge 1 kg / 1 l bottle	
 	480 g can 480 g brush-can	
	750 ml spray-can	
   	500 g can 960 g can 1 kg can 70 wipes	
	10 wipes	
     	All other packaging units starting 4 kg	single
    		

The shown packaging sizes are our standard. Other types of packagings and sizes are available upon request.

Instructions for use

Advise

Our products in general are not subject to an expiration date like food, but nevertheless because of oxygen, humidity, warmth or light can start up an ageing process. To keep the ageing of our Products during storage as low as possible the follow-ing points have to be considered:

- The containers have to be originally closed.
- Temperatures of 10-20°C are ideal. Big temperature fluctuations are to be avoided.
- The air in the storage room should be dry and dustfree if possible.
- The containers must not be stored outside. (Water penetrates the container.)
- The containers are to be protected against frost.

Shelf life periods

The following shelf life periods of the Bremer & Leguil GmbH products are valid:

- Oils5 years
- Greases3 years
- Pastes3 years
- Sprays (Spray-can).....3 years
- Water-based cleaners3 years
- Hydrocarbon-based cleaners5 years
- Corrosion protection oils5 years
- Corrosion protection waxes2 years (if necessary mix before using)
- Corrosion protection, thixotropic1 year (mix well before usingn)

Recycling



The disposal of metal packaging can be done by the company KBS-Kreislaufsystem Blechverpackungen Stahl GmbH.



The disposal of plastic packagings can be done by the company RIGK-Gesellschaft zur Rückführung industrieller und gewerblicher Kunststoffverpackungen mbH.



All emptied Rivolta® spray cans can be disposed through the take-back system RESPRAY of the company REMONDIS Industrie Service.

Interested?

Then contact us! Our Team is always open to support you.
More information about our products and our high standards
in quality and production can be found on our website

www.bremer-leguil.de

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This brochure facts and statements and is determined with our best knowledge and will be checked continuously. These statements are depending - among other reasons - on experiences gained in the industry. We only pass them on without liability. Before using our products you should test the applicability and you should convince yourself about the satisfactory performance. We are specialized in developing products for extreme tribological problems in cooperation with end users.

Bremer & Leguil provides service and individual advice. Please contact us.

Product illustrations partly consist of picture compositions and therefore, do not necessarily reflect the reality.

Our products are continually being updated. We reserve the right, therefore, to alter the information of this brochure at any time and without prior announcement.

Leading quality produced by us:

Rivolta

CASSIDA

VITROLIS

antidot.