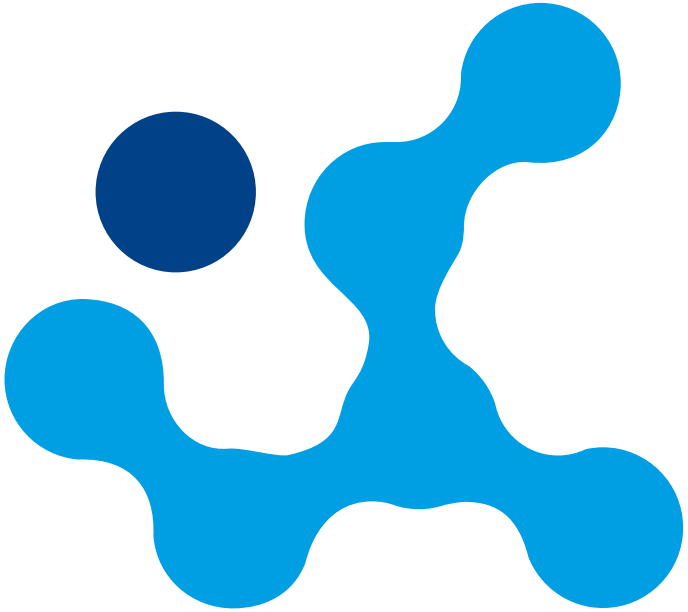


Your Personal Specialist for Biocides

Biocidal application and hygiene equipment

VINK CHEMICALS

Wherever there is moisture and a potential food source, there is the risk that microorganisms will grow. Many places, processes and products offer ideal conditions for microbial growth. This could lead to a threat to the health of humans and animals, enormous economic damage, product defects and hygiene problems.

Biocides are therefore indispensable in modern industrial manufacturing as they extend product life and protect staff and equipment. Further, their use allows more substainable use of ressources, by minimising the volume of waste produced.

Under the brand names Vinkocide®, grotan®, grotanol®, parmetol®, Vink Chemicals offers well over 230 different biocidal products for a wide range of applications. These can be used to formulate tailor-made solutions for all major industries.

A Team with Our Customers

Vink Chemicals GmbH & Co. KG is your specialist for biocides and biocidal products. Vink Chemicals was founded in 2011 as a medium-sized family business based in Kakenstorf in Lower Saxony. By specialising in the production of application-specific biocidal formulations and tailor-made services in this field, we are closing an important gap in the German and international biocide market. We also offer a selection of speciality chemicals.

Vink Chemicals is active worldwide.

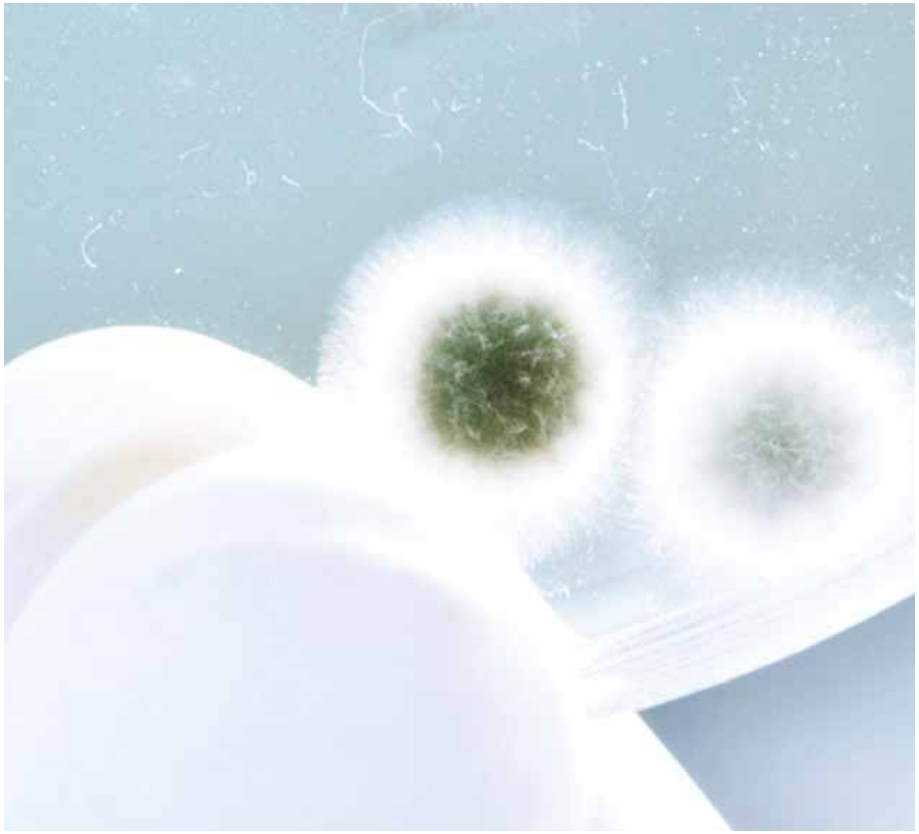
Vink Chemicals

Professionals in the correct use of biocides

Vink Chemicals has modern storage facilities for hazardous goods and its own production plants for state-of-the-art manufacturing of biocidal products. At our production sites, we develop and formulate individual biocides in batch sizes of up to 20 tonnes per batch. We have around 100 specialists worldwide who are responsible for our production facilities, distribution, raw material purchasing, and product development and quality control in our own laboratory.

Certified quality and safety

Quality and environmental care are especially important to us. We work with the highest industry standards and are periodically audited and certified by SGS. We hold ISO 9001:2015 certification for quality compliance and ISO 14001:2015 for environmental care.



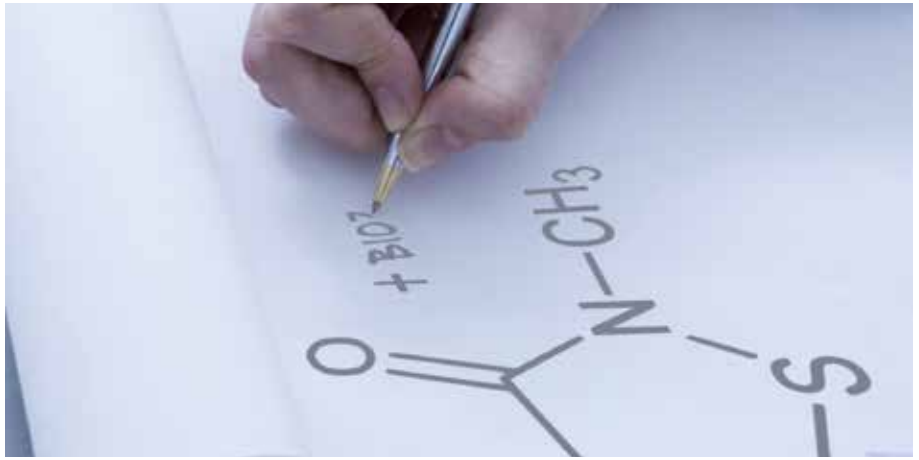
Preservation for every industry

Our product portfolio includes the complete range of well-known biocides for in-can and film preservation for paints and coatings, adhesives, water treatment, metal working and lubricants, pulp and paper, textile and leather, construction, disinfection, detergents, cleaning agents, polymers, oil and gas, among others.

Experts in isothiazolinones and formaldehyde releasers

Vink Chemicals specialises in isothiazolinones and formaldehyde releasers as well as their combination with other chemicals. Isothiazolinones and formaldehyde releasers are still among the most important biocides. For their use to be effective, it is important to understand their effectiveness and reactivity as well as their behaviour. Whatever your individual requirements for biocidal formulations may be, we have solutions for the specific needs of your industry.

Besides yeasts and moulds, biofilms are responsible for damaging products, production lines and equipment. We have therefore also developed system cleaners to eliminate and remove biofilms. Depending on your needs, we can provide specific biocidal system cleaners as well as biocide-free system cleaners.



Our Product Range

Tailor-made biocidal formulations work better

Biocide Single Actives	Product name	Biocidal active(s)	pH application
	grotan® TK 6	TMAD [1)]	3 - 11
	grotan® OX	MBO [1)]	8 - 11
	grotan® WS	HPT [1)]	8 - 12
	parmetol® D 11	BIT	3 - 11
	parmetol® K 6 / parmetol® K 20 / parmetol® K 40 *	CMIT/MIT [1)] + Mg/Cu salts	3 - 8.5
	parmetol® S 15	DCOIT	< 8.5
	s&m bronopol	BNP	3 - 8
	s&m phenoxyethanol	PE	< 12
	Vinkocide® BAC 50	BAC	-
	Vinkocide® BBIT 97 / Vinkocide® BB WM	BBIT [1)]	2 - 12
	Vinkocide® BDA 30 ***	BDA	7 - 10
	Vinkocide® BIT 10 / Vinkocide® BIT 10 G / Vinkocide® BIT 20 D / Vinkocide® BIT 20 FC Vinkocide® BIT 20 G / Vinkocide® BIT 20 PG	BIT [1)]	3 - 13
	Vinkocide® BND 20 / Vinkocide® BND 30 G	BNP	3 - 8
	Vinkocide® CMI 1.5 / Vinkocide® CMI 14	CMIT/MIT [1)] + Mg salts	3 - 8.5
	Vinkocide® CMI 1.5 +	CMIT/MIT [1)] + Mg/Cu salts	3 - 8.5
	Vinkocide® CMI 1.5 M / Vinkocide® CMI 14 M	CMIT/MIT [1)], monovalent salts	3 - 8.5
	Vinkocide® DBNPA 5 / Vinkocide® DBNPA 20 / Vinkocide® DBNPA 20 B	DBNPA	4 -8

Biocide Single Actives	Product name	Biocidal active(s)	pH application
	Vinkocide® F	EDDM	3 - 9
	Vinkocide® IPBC 30	IPBC	4- 10
	Vinkocide® MIT 20	MIT [1)]	2 - 9
	Vinkocide® NaPT 40	NaPt	6.5 - 13
	Vinkocide® OIT 8 / Vinkocide® OIT 16 / Vinkocide® OIT 45 / Vinkocide® OIT 45 WME	OIT	2 - 10
	Vinkocide® X10 S / Vinkocide® X 20	DCOIT	N/A

BAC = Alkyldimethylbenzylammonium chloride
BDA = N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine
BBIT = 2-n-butyl-benzo[d]isothiazol-3-one
BIT = 1,2-Benzisothiazol-3(2H)-one
BNP = Bronopol
CMIT/MIT = reaction mass of 5-chloro-2- methyl-2Hisothiazol-3-one and 2-methyl-2H-isothiazol-3- one (3:1)
DBNPA = 2,2-dibromo-2-cyanoacetamide
DCOIT= 4,5-dichloro-2-octyl-2H-isothiazol-3-one
EDDM = (ethylenedioxy)dimethanol
EUF = reaction products of ethylene glycol, urea and paraformaldehyde
GDA = Glutaraldehyde
GDH= Dodecylguanidine monohydrochloride
HPT= formaldehyde released from the reaction products of paraformaldehyde and 2-hydroxypropylamine (ratio 1:1)
IPBC = 3-iodo-2-propynyl butylcarbamate
MIT = 2-Methyl-2H-isothiazol-3-one
MBO = formaldehyde released from the reaction products of paraformaldehyde and 2-hydroxypropylamine (ratio 3:2)
NaPt = Pyridine-2-thiol-1-oxide, Sodium salt
OIT = 2-Octyl-2H-isothiazol-3-one
PE = Phenoxyethanol
TMAD = Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione
ZnPT = Pyrithione zinc

[1)] Vink Chemicals GmbH und Co KG / Vink+Co GmbH Handelsgesellschaft und co KG is a biocidal supplier acc. to article 95 (BPR)

Biocidal Formulations

Product name	Biocidal active(s)	pH application
grotan® BA 21 ***	BIT + BDA	3 - 11
grotan® TK 5 plus	OIT + EDDM	< 11
grotan® TK 5 plus N *	OIT + EUF	< 11
grotan® WS plus	HPT + NaPt	8 - 12
parmetol® SL 60	CMIT/MIT + GDA	3 - 8.5
grotanol® FF 1 N ***	BIT + BDA + NaPt	3 - 12
parmetol® A 26 N / parmetol® DF 35 N *	CMIT/MIT + EUF	3 - 8.5
parmetol® A 28 / parmetol® A 28 S	CMIT/MIT + BNP	3 - 8.5
parmetol® BPX ***	BBIT + BDA + PE	3 - 11
parmetol® CF 8	ZnPt + terbutryn	3 - 10
parmetol® DF 19 forte	Carbendazim + diuron	3 - 12
parmetol® MBX ***	BIT + MIT + BDA	3 - 10
parmetol® N 20	OIT + BNP	3 - 8.5
parmetol® SBX ***	BIT + BDA + NaPt	3 - 11
Vinkocide® OF	OIT + EDDM	3 - 11
Vinkocide® OI	OIT + IPBC	2 - 10
Vinkocide® 824 / Vinkocide® 825 / Vinkocide® 836	CMIT/MIT + EDDM	3 - 8.5
Vinkocide® DBC	CMIT/MIT + DBNPA	4 – 8
Vinkocide® BF 56	BIT + EDDM	3 – 12
Vinkocide® BIT PE	BIT + PE	2 - 10
Vinkocide® BTL	MIT + BNP	4 - 9
Vinkocide® BXP 10	BBIT + PE + OIT	
Vinkocide® CD 30	Carbendazim + diuron	3 - 13
Vinkocide® CDO	Carbendazim + diuron + OIT	3 - 13
Vinkocide® CMIB 25 / Vinkocide® CMIB SE / Vinkocide® CMIB-SS / Vinkocide® CMIB-SSM / Vinkocide® CMIB-WA / Vinkocide® CMIB-WK	CMIT/MIT + BNP	3 - 8.5
Vinkocide® CMIB-DBNPA / Vinkocide® CMIB-DBNPA G	CMIT/MIT + BNP + DBNPA	up to 8

Biocidal Formulations

Product name	Biocidal active(s)	pH application
Vinkocide® CMIF / Vinkocide® CMIF 14 / Vinkocide® CMIF 35	CMIT/MIT + EDDM	3 - 8.5
Vinkocide® CMIF-N 20 / Vinkocide® CMIF-N 44	CMIT/MIT + TMAD	3 - 8.5
Vinkocide® CMIK / Vinkocide® CMIK 10 FC	CMIT/MIT + BIT	3 - 8.5
Vinkocide® CMIO	CMIT/MIT + OIT	3 - 8.5
Vinkocide® CMIT 1511	CMIT/MIT + MIT	3 - 8.5
Vinkocide® ECO 26* / Vinkocide® ECO 35 *	CMIT/MIT + formalin	3 - 8.5
Vinkocide® I 10 / Vinkocide® I 20 / Vinkocide® I 30	IPBC + PE	4 - 10
Vinkocide® KC-N	CMIT/MIT + BIT + TMAD	3 - 8.5
Vinkocide® KN / Vinkocide® KN-K	BIT + NaPt	3 - 13
Vinkocide® KTL / Vinkocide® KTL 55 / Vinkocide® KTL 55 ME* / Vinkocide® KTL 95	BIT + MIT	3 - 11
Vinkocide® KTLB	BIT + MIT + BNP	3 - 8.5
Vinkocide® KTLD	BIT + MIT + DGH	3 - 10
Vinkocide® KTLF	BIT + MIT + EDDM	3 - 10
Vinkocide® KTLN	BIT + MIT + NaPt	6.5 - 9.5
Vinkocide® KO	BIT + OIT	up to 10
Vinkocide® NK	NaPt + BIT	up to 11
Vinkocide® ZK 5 / ZK 10	BIT+ ZnPT	4 - 9
Disinfectants *(EU-wide approval)*		
grotanol® 3025 / parmetol® SL 60	CMIT/MIT + GDA	-
System & Machine Cleaners		
grotanol® SR 2	MBO + NaPt	-
Vinkoclean® SR1** / Vinkoclean® SR3**	(biocide free)	-
grotanol® FF 1 N ***	BIT + BDA + NaPt	3 - 12

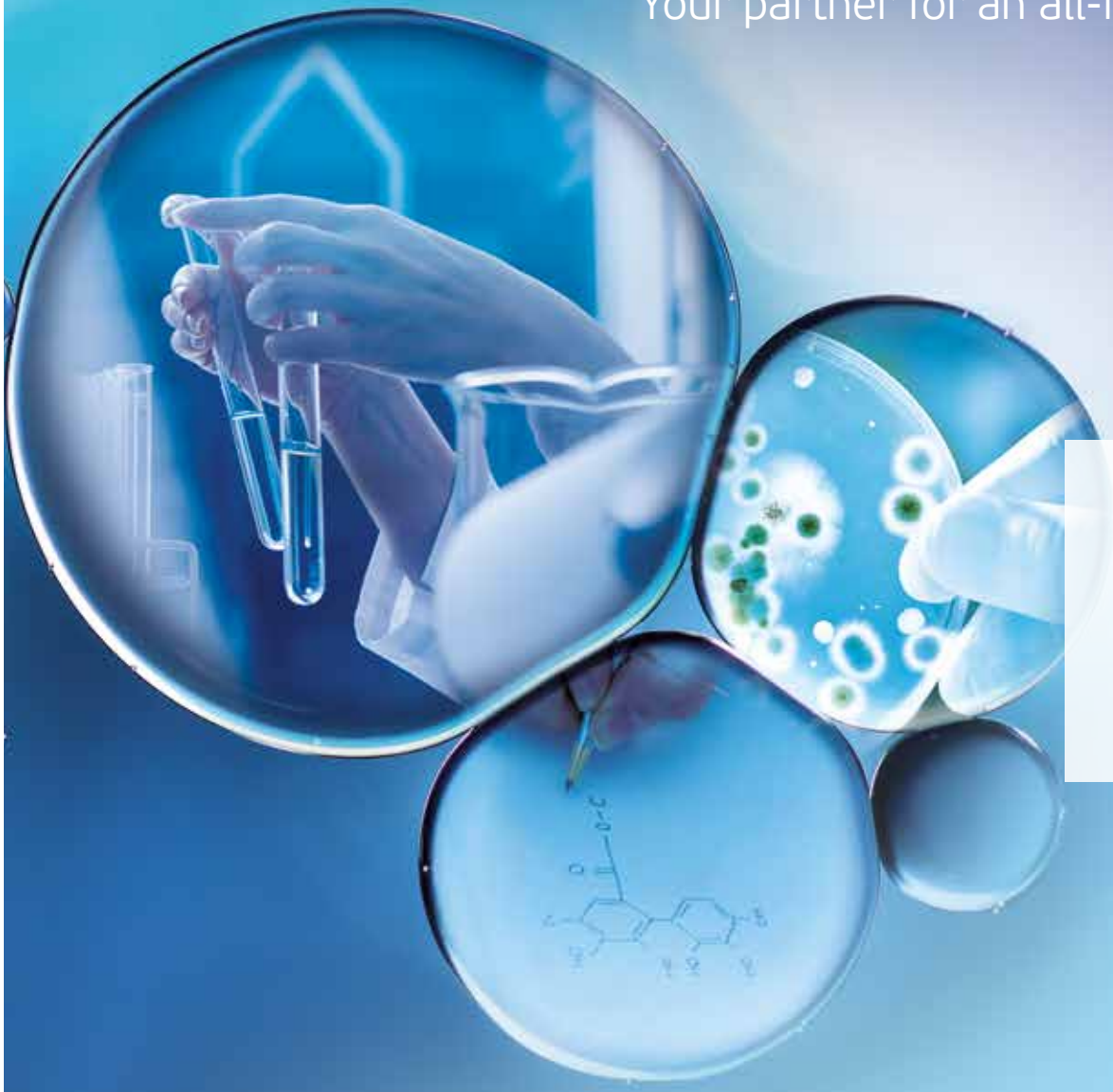
* only non-EU
** biocides free
***RSPO-based product

Monitor the hygiene standard of your technical products and installation in an easy, safe and fast way.

Hygiene Testing	
Germcount™ combi dipslide	10 / Pack

Vink Chemicals

Your partner for an all-in-one service



Our service starts with our individualized product recommendation. In addition, we also offer laboratory service, regulatory advice, logistics support, raw materials procurement, research and development, plant audits, tailor-made formulations and many other services related to biocides and industrial hygiene.

Microbiological tests

We provide you with the entire microbiology analysis with proven high-speed methods. The analysis can include qualitative and quantitative germ identification, sterility tests and different germ contamination tests. We carry out germ content determination according to traditional methods, germ identification, germ contamination tests according to various standards and sterility tests for you. In addition, we use proven micro-biological high-speed methods.

Laboratory analyses

Our laboratory experts will help you to determine the stability of our biocidal formulation in your product and find the optimal solution for your application. We have comprehensive laboratory equipment for this purpose, which include HPLC, UV-DAD and mass spectrometers as well as post-column derivatisation. We also determine all necessary physical parameters and the aw-value.

Raw materials procurement

Based on our many years of experience with chemical and cosmetic raw materials, we also have an entire range of important raw materials available as trade products in addition to our biocidal products. This rounds off our offer for the various user groups.

Technical advice

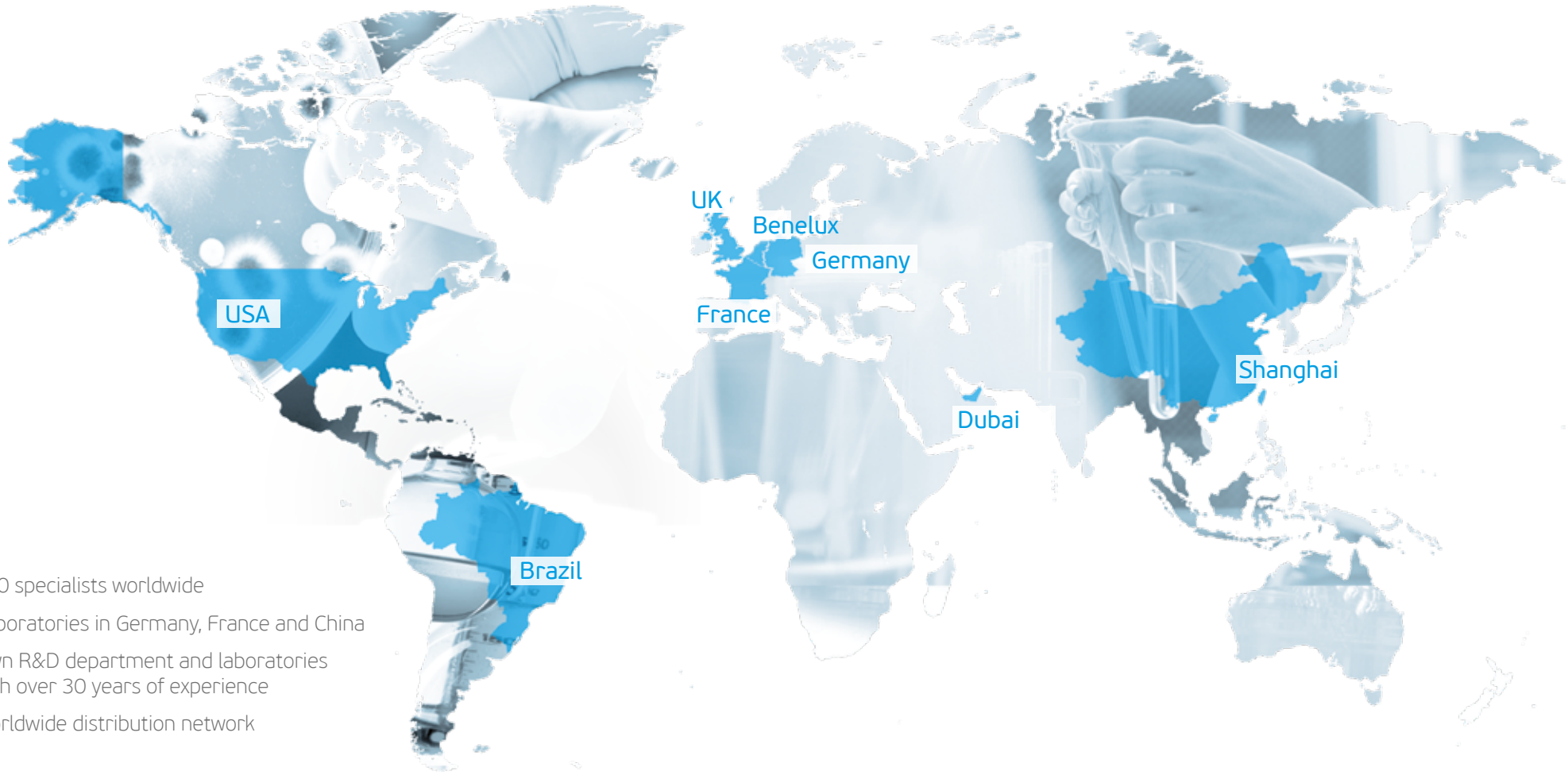
Technical advice is an integral part of our customer service. We support your product development with regard to the selection and application of biocides and work with you to find the best solution for your specific tasks. This includes industrial hygiene, toxicology, ecotoxicology, regulatory issues and all aspects regarding the correct, efficient and economical use of biocides.

Regulatory advice

No need to concern yourself with the Biocidal Products Regulation (BPR), REACH, UFI or the CLP Regulation. We would be pleased to advise you on regulatory issues and support you in implementing the applicable laws, directives and regulations as well as the required applications, registrations and authorisations of all biocidal products.

Worldwide delivery

Vink Chemicals offers logistics support and worldwide delivery of biocides and speciality chemicals. We also handle the temporary storage of goods worldwide. Thanks to our subsidiaries and partners, our products are available locally and in the national currency.



100 specialists worldwide

Laboratories in Germany, France and China

Own R&D department and laboratories with over 30 years of experience

Worldwide distribution network

Research and development

Our expertise is always state-of-the-art. We are able to achieve this through our own research and development at our highly modern laboratories. We examine the behaviour and composition of the active ingredients in the end products and determine optimal concentration and stability as a function of time or other parameters. We are also looking for new trends, combining actives and molecules and continuously creating new formulations for better product protection, right dosages and regulatory compliance.

Industrial hygiene

Individually tailored industrial hygiene advice from Vink Chemicals' team of experts on site ensures that biocides are used effectively. Better results can be obtained from biocides if good industrial hygiene is applied. This saves money and helps the environment. It also includes combating harmful biofilms in production plants. Their formation can be reduced with effective cleaning measures. We can also advise you on general industrial hygiene and we offer regular hygiene monitoring.

Industrial Sectors

Detergents, cleaners and cleaning agents

Skin-friendly, germ-free and pure: Durable cleaning agents require highquality raw materials. Some biocides and commercial products from Vink Chemicals are suitable for use in detergents, cleaners and cleaning agents.

Paint and coatings industry

So that your containers stay clean: We offer biocides and biocidal products for pot and film preservation, i.e. the protection of products in containers against microbial damage during storage, in almost 40 standard formulations.

Textile and leather industry

Biocide formulations for hygienic wet processes: Special supplier companies take care of aids and services for the textile and leather industry, adapted to the respective requirements. Vink Chemicals supplies these specialists with important auxiliary materials and biocides.

Construction industry

Perfect construction materials require perfect raw materials: For each special application, there is a range of products that contain functional additives. In addition to our biocides, dispersible powders take up the largest share. They are used as admixtures for concrete, cement mortar and gypsum mortar.

Oil and gas industry

From upstream to downstream: We protect your products with the help of biocides and hydrogen sulphide traps. Our innovative chemical products meet today's strict environmental, technical and quality requirements.

Water treatment

We keep your cooling water system out of trouble: Biocides counteract corrosion, calcification and microorganisms. They play an important role in water treatment in cooling circuits of industrial plants, district heating systems and steam boiler plants.

Lubricants

This keeps everything germ-free and clean: To be sure that your lubricants meet the high technical requirements for industrial use, it is best to rely on our many years of experience in the preservation of water-miscible cooling lubricants.

Adhesives industry

So that no germs stick to you: There are more than 250,000 different adhesives for different purposes worldwide. In addition to biocides for preserving the adhesives during storage, we also supply other auxiliary materials from a single source.

Paper production

All chemicals for smooth paper production: Our range of biocides of product type 12, that serve as mucolytics in the paper industry, is comprehensive and can cope with even stubborn biofilms.

System Cleaner

„Cleaning is the beginning, not the end, of the production cycle“

A good and efficient hygiene concept is a prerequisite of every chemical manufacturer. Doing so minimizes the final cost of the product and helps to ensure that a quality product is manufactured and delivered.

Vink Chemicals has developed the system cleaners Vinkoclean® SR1 and Vinkoclean® SR3 (biocide-free) as well as grotanol range (biocidal product), which reliably remove biofilms and microbes, sludges and other contaminants.

Biocidal solutions:

Ensuring reliable product quality also includes a regular cleaning and microbiological sanitation of the production plant, surfaces and apparatus. Vink Chemicals offers under the brand name grotanol® several system cleaners which provide good immediate effects at a low use concentration. They have a broad spectrum of effect against bacteria, yeasts and moulds.

Biocide-free solutions:

Optimal plant hygiene can improve the effectiveness of biocides. That saves money and reduces environmental impact. Hygiene also includes the control of harmful biofilms in production systems. Effective cleaning measures can reduce their growth. For this purpose we offer the system cleaners Vinkoclean® SR1 and Vinkoclean® SR3, which can be used alone or in combination with biocidal components, as needed. They are used for regular cleaning of production systems based on materials, operating parameters and the degree of infestation.

Their outstanding cleaning performance removes dirt, bacterial slime, moulds and yeast colonies. Containers and lines are also effectively cleaned at inaccessible locations. When correctly selected and implemented, system cleaners minimise the germ load that is present in production processes for paints and coatings. This basis enables the efficient use of the necessary biocidal formulations for product preservation.

Production Hygiene

Vink Chemicals system cleaning solutions

Biocidal System Cleaners

grotanol® SR 2

Active ingredients

- MBO
- Sodium salt (NaPt)

Benefits

- High concentrated and free of water
- Broad, balanced efficacy against bacteria, yeasts and moulds
- Excellent cleaning and micro-bicidal efficacy
- Low foaming
- Fulfils the requirements of the EN 1275
- BPR-application*: PT 2 + PT 13

Technical properties

- Maximum manufacturing temperature: 60 °C
- Max. pH-value of end product: < 11
- Shelf life: 24 months

grotanol® FF 1 N

Active ingredients

- BIT
- BDA
- Sodium salt (NaPt)

Benefits

- Smart combination of actives
- Broad, balanced efficacy against bacteria, yeasts and moulds
- Excellent microbicidal efficacy
- Low foaming
- Free of AOX and formaldehyde
- BPR-application*: PT 13

Technical properties

- Maximum manufacturing temperature: 60 °C
- Max. pH-value of end product: < 12
- Shelf life: 18 months

grotanol® 3025

Active ingredients

- Glutaral
- CMIT/MIT

Benefits

- Water based combination of actives
- Excellent bactericidal efficacy (incl. sulphate-reducing bacteria)
- Good head space protection
- Eminently suitable for disinfection and sanitation of contaminated plants
- Free of VOC and formaldehyde releasers
- BPR-application*: PT 2

Technical properties

- Maximum manufacturing temperature: 50 °C
- Max. pH-value of application: < 8.5
- Shelf life: 36 months

Biocide-free System Cleaners

Vinkoclean® SR1

Active ingredients

- Alkaline

Benefits

- All-in-one cleaner with a broad range of applications
- Good cleaning efficacy
- Economic usage
- Only short interruption of production
- Easy to rinse off
- Contain bio dispersants

Technical properties

- Maximum manufacturing temperature: Room temperature
- Max. pH-value of end product: n.n.
- Shelf life: 18 months

Vinkoclean® SR3*

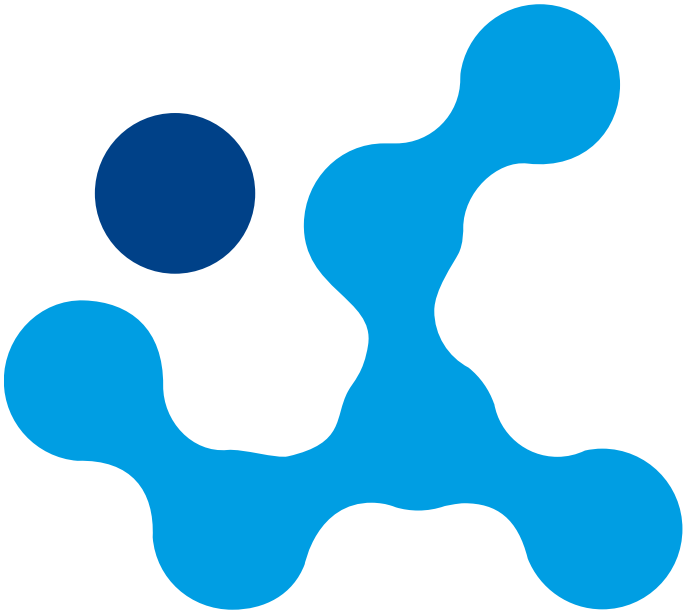
Active ingredients

- Acidic

Benefits

- All-in-one cleaner with a broad range of applications
- Good cleaning efficacy
- Economic usage
- Only short interruption of production
- Easy to rinse off
- Contain bio dispersants

*Vinkoclean® SR3 is **not suitable for use in metalworking fluid applications** due to material incompatibility with acids!



PRESERVED TO LAST

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E-Mail: sales@vink-chemicals.com

www.vink-chemicals.com

Our recommendations regarding our products are given in good faith, but imply no corresponding liability.
The products shown in our portfolio do not imply any biocidal product registration in any specifi c country.
Vink Chemicals or sales partners thereof will inform you about the regulatory status of each product upon your request.
Use biocides safely. Always read the label and product information before use. 04/2026