



A Team with Our Customers

Biocide products

Biocide formulations





REVAMP YOUR PLANT



Our new mobile service in cooperation with



Any questions: Contact us under Tel.: +49-4186-88797- 0, e-mail: support@vink-chemicals.com

A young company's history

Vink Chemicals GmbH & Co. KG is a family owned business. Our success is driven by our people and their unrelenting focus on delivering results the right way - by operating responsibly, executing with excellence, applying innovative technologies and capturing new opportunities for profitable growth. We are involved in the production of biocide formulations for a variety of industries. As a service oriented company we also provide our customers with product solutions sourced all over the world.

Experience counts

We trace our beginnings in 1980 when we were part of the founded company Vink + Co. The initial focus was based on source and servicing a group of West African companies. In the 90's Vink + Co. put an additional emphasis on the chemical trade with European manufacturers in need of alternative supplies from all over the world. Since trading with biocide actives has already been an important part of our business we decided in 2008 to start the development of biocide formulations under the brand name Vinkocide and the setup of a new production plant in the north of Germany. In early 2011 Vink Chemicals GmbH & Co. KG had been established and the production was set into operation.

Global scope

Being present all over the world, our diverse and highly skilled global distribution network is growing daily to service our partners with help on the regulatory processes and technical information to get the best solutions for the purpose.

Environmental and safety standards

As a company and as individuals, we take great pride in contributing to the communities and the environment we live in. We have set up a state of the art production site fulfilling to the strict rules of the German government, reducing our emissions to the lowest levels possible.





Vinkocide – the reliable solution

Production

Vink Chemicals GmbH & Co. KG has established its new production site in 2011. As a German company we have followed the strict rules of the German government providing a state of the art production site based in the north of Germany only 40 km away from the Hamburg harbor.

With different batch sizes our production has a capacity of more than 15.000 t/a. All our equipment is produced in Germany and follows the CE standard following the EC guidelines. The production vessels are made of stainless steel and equipped with state of the art control units allowing us to automatically standardize our production to guarantee a constant quality of our products.

With our current production site we are focused on producing liquid, water based formulations such as solutions, emulsions and dispersions.

Product development and quality control take place in our own laboratory.



Anywhere there is moisture and a potential food source there is potential for microorganism growth. Many locations, processes and products offer ideal conditions for microbial growth that can lead to major health threats to people and animals, enormous economic losses, or simply unpleasant and inhospitable surroundings. Industrial biocide uses are essential to the economic health of an industrialized society by extending the in-use life of manufactured goods and protecting equipment. Material preservation results in decreased energy and natural resource consumption and waste generation, producing significant economic and societal benefits.

Isothiazolinones: Vinkocide MIT, Vinkocide CMI, Promex BIT Paste (New)

Isothiazolinones belong to the most important biocides of the past decades. Although they belong to one chemical class, the single representatives of this group show a different behavior regarding their efficacy and reactivity. For their effective use it is important to know their chemical reactions and behavior. Vink Chemicals is specialized on isothiazolinones, their technical characteristics and their combinations with other biocides.

Biocides - formulations

Whatever your individual requirements are, we got solutions to the specific needs of your industry. Have a closer look at our formulations on our website www.vink-chemicals.com. If you are looking for more individual solutions, please don't hesitate to contact us.

System cleaners

While preservatives act mainly against free-living bacteria, the majority of them are not planktonic but form biofilms. These biofilms are hard to eliminate and responsible for a number of damages to products and equipment. Vinkocide System Cleaners are developed to support production hygiene by removing biofilms.



Paint industry



Paper production



Construction Industry



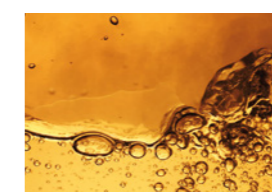
Adhesives industry



Water treatment



Textile and leather industry



Metal working fluids



Detergents and maintenance products industry

Product Name	Active Ingredients	Formulation	pH-Range	Use Level %	Paints and Plasters – Wet State	Dry Film	Technical Emulsions	Water Treatment/ Pulp & Paper	Metal Working Fluids	Leather & Textile Production	Household Products/ Industrial Cleaning	Adhesives/ Glues	Technical Slurries	Microbiological Efficacy/Product Description
Vinkocide BF	BIT + EDDM	Glycol-water	3 – 12	0.05 – 0.2	●		●	●	●	●		●	●	Broad spectrum preservative, head space preservation, excellent long-term efficacy
Vinkocide BF 56	BIT + EDDM	Glycol-water	3 – 12	0.05 – 0.2	●		●	●	●	●		●	●	Broad spectrum preservative, head space preservation, excellent long-term efficacy
Vinkocide BIT 10	BIT	Aqueous solution	3 – 13	0.1 – 0.4	●		●		●	●		●	●	Broad spectrum preservative, excellent long-term efficacy, free of organic solvents, formaldehyde and VOC
Vinkocide BIT 10 G	BIT	Glycol-water	3 – 13	0.1 – 0.4	●		●		●	●		●	●	Broad spectrum preservative, excellent long-term efficacy, formaldehyde-free
Vinkocide BIT 20 D	BIT	Dispersion	3 – 13	0.05 – 0.2	●		●		●	●		●	●	Broad spectrum preservative, excellent long-term efficacy, free of organic solvents, formaldehyde and VOC
Vinkocide BIT 20 G	BIT	Glycol-water	3 – 13	0.05 – 0.2	●		●		●	●		●	●	Broad spectrum preservative, excellent long-term efficacy, formaldehyde-free
Vinkocide BND 20	Bronopol	Aqueous solution	4 – 8	0.05 – 0.2	●		●	●	●	●	●	●	●	Bactericide, highly effective, free of organic solvents, formaldehyde and VOC, toys directive applicable
Vinkocide BO	Bronopol + OIT	Glycol-water	4 – 10	0.05 – 0.3	●		●	●				●	●	Broad spectrum preservative, excellent long-term efficacy, fast onset of action, cost effective, formaldehyde-free
Vinkocide BO 313	Bronopol + OIT	Glycol-water	4 – 10	0.05 – 0.3	●		●	●	●	●	●	●	●	Broad spectrum preservative, excellent long-term efficacy, fast onset of action, cost effective, formaldehyde-free
Vinkocide BTL	Bronopol + MIT	Aqueous solution	4 – 9	0.1 – 0.3	●		●	●			●	●	●	Broad spectrum preservative, excellent long-term efficacy, free of organic solvents, formaldehyde and VOC
Vinkocide CDO	Carbendazim, Diuron, OIT	Dispersion	3 – 13	0.2 – 2		●				●				Film preservative, excellent temperature stability, long term efficacy, free of organic solvents, formaldehyde and VOC
Vinkocide CD 30	Carbendazim, Diuron	Dispersion	3 – 13	0.2 – 2		●				●				Film preservative, excellent temperature stability, long term efficacy, free of organic solvents, formaldehyde and VOC
Vinkocide CMI 1.5	CIT/MIT, Mg-Salts	Aqueous solution	3 – 8.5	0.1 – 0.25	●		●	●	●	●	●	●	●	Broad spectrum preservative, excellent long-term efficacy, free of organic solvents, formaldehyde and VOC
Vinkocide CMI 1.5 M	CIT/MIT monovalent	Aqueous solution	3 – 8.5	0.1 – 0.25	●		●	●	●	●	●	●	●	Broad spectrum preservative, excellent long-term efficacy, free of organic solvents, formaldehyde and VOC
Vinkocide CMI 1.5 +	CIT/MIT, Mg-/Cu-Salt	Aqueous solution	3 – 8.5	0.1 – 0.25	●		●	●	●	●	●	●	●	Broad spectrum preservative, excellent long-term efficacy, free of organic solvents, formaldehyde and VOC
Vinkocide CMI 3.5	CIT/MIT, Mg-Salts	Aqueous solution	3 – 8.5	0.05 – 0.15	●		●	●	●	●	●	●	●	Broad spectrum preservative, excellent long-term efficacy, free of organic solvents, formaldehyde and VOC
Vinkocide PG 1.5	CIT/MIT, salt free	Glycolic solution	3 – 8.5	0.015 – 0.03	●		●	●	●	●	●	●	●	Broad spectrum preservative, excellent long-term efficacy, saltfree
Vinkocide CMI 14	CIT/MIT, Mg-Salts	Aqueous solution	3 – 8.5	0.01 – 0.025	●		●	●	●	●	●	●	●	Broad spectrum preservative, excellent long-term efficacy, free of organic solvents, formaldehyde and VOC
Vinkocide CMI 14 M	CIT/MIT monovalent	Aqueous solution	3 – 8.5	0.01 – 0.025	●		●	●	●	●	●	●	●	Broad spectrum preservative, excellent long-term efficacy, free of organic solvents, formaldehyde and VOC
Vinkocide CMI 14 +	CIT/MIT, Mg-/Cu-Salt	Aqueous solution	3 – 8.5	0.01 – 0.025	●		●	●	●	●	●	●	●	Broad spectrum preservative, excellent long-term efficacy, free of organic solvents, formaldehyde and VOC
Vinkocide CMIK	CIT/MIT, BIT	Aqueous solution	3 – 8.5	0.05 – 0.1	●		●	●	●	●	●	●	●	Broad spectrum preservative, excellent long-term efficacy, excellent long-term efficacy, formaldehyde-free
Vinkocide CMIKT/ Vinkocide CMIKT625	CIT/MIT, BIT	Aqueous solution	3 – 8.5	0.05 – 0.1	●		●	●	●	●	●	●	●	Broad spectrum preservative, excellent long-term efficacy, excellent long-term efficacy, formaldehyde-free
Vinkocide CMIB-SS	CIT/MIT + Bronopol	Aqueous solution	3 – 8.5	0.1 – 0.25	●		●	●		●	●	●	●	Broad spectrum preservative, excellent long-term efficacy, free of organic solvents, formaldehyde and VOC
Vinkocide CMIB-SS M	CIT/MIT + Bronopol	Aqueous solution	3 – 8.5	0.1 – 0.25	●		●	●		●	●	●	●	Broad spectrum preservative, excellent long-term efficacy, free of organic solvents, formaldehyde and VOC
Vinkocide CMIB SE	CIT/MIT + Bronopol	Aqueous solution	3 – 8.5	0.05 – 0.33	●		●	●		●	●	●	●	Broad spectrum preservative, excellent long-term efficacy, free of organic solvents, formaldehyde and VOC
Vinkocide CMIF	CIT/MIT + EDDM	Aqueous solution	3 – 10	0.05 – 0.2	●		●	●	●	●		●	●	Broad spectrum preservative, head space preservation, excellent long-term efficacy, free of organic solvents
Vinkocide 824	CIT/MIT + EDDM	Aqueous solution	3 – 10	0.10 – 0.2	●		●	●	●	●		●	●	Broad spectrum preservative, head space preservation, excellent long-term efficacy, free of organic solvents
Vinkocide 825	CIT/MIT + EDDM	Aqueous solution	3 – 10	0.10 – 0.2	●		●	●	●	●		●	●	Broad spectrum preservative, head space preservation, excellent long-term efficacy, free of organic solvents
Vinkocide 836	CIT/MIT + EDDM	Aqueous solution	3 – 10	0.05 – 0.2	●		●	●	●	●		●	●	Broad spectrum preservative, head space preservation, excellent long-term efficacy, free of organic solvents

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● Suitable

Product Name	Active Ingredients	Formulation	pH-Range	Use Level %	Paints and Plasters – Wet State	Dry Film	Technical Emulsions	Water Treatment/ Pulp & Paper	Metal Working Fluids	Leather & Textile Production	Household Products/ Industrial Cleaning	Adhesives/ Glues	Technical Slurries	Microbiological Efficacy/Product Description
Vinkocide 869	CIT/MIT + EDDM	Aqueous solution	3 – 10	0.05 – 0.2	●		●	●	●	●		●	●	Broad spectrum preservative, head space preservation, excellent long-term efficacy, free of organic solvents
Vinkocide CMIF 35	CIT/MIT + EDDM	Aqueous solution	3 – 10	0.05 – 0.2	●		●	●	●	●		●	●	Broad spectrum preservative, head space preservation, excellent long-term efficacy, free of organic solvents
Vinkocide CMIF-N	CIT/MIT + TMAD	Aqueous solution	3 – 10	0.05 – 0.2	●		●	●	●	●		●	●	Broad spectrum preservative, head space preservation, excellent long-term efficacy, free of organic solvents
Vinkocide ECO 35 (non-EU)	CIT/MIT + Formalin	Aqueous solution	3 – 10	0.05 – 0.2	●		●	●	●	●		●	●	Broad spectrum preservative, head space preservation, excellent long-term efficacy, free of organic solvents
Vinkocide ECO 26 (non-EU)	CIT/MIT + Formalin	Aqueous solution	3 – 10	0.05 – 0.2	●		●	●	●	●		●	●	Broad spectrum preservative, head space preservation, excellent long-term efficacy, free of organic solvents
Vinkocide CMIO	CIT/MIT + OIT	Glycol-water	3 – 9	0.05 – 0.1	●		●	●	●	●	●	●	●	Broad spectrum preservative, excellent long-term efficacy, formaldehyde-free
Vinkocide F	EDDM	Active ingredient	3 – 9	0.1 – 0.2	●		●	●	●	●	●	●	●	Bactericide, head space preservation, fast onset of action
Vinkocide DC	CIT/MIT + DGH	Glycol-water	6.5 – 9.5	0.1 – 0.2	●		●	●			●	●	●	Broad spectrum preservative, excellent long-term efficacy, formaldehyde-free
Vinkocide DBNPA 20	DBNPA	Glycol-water	7 – 9	0.001 – 0.25	●		●	●	●	●	●	●	●	Bactericide, fast onset of action, highly effective, formaldehyde-free
Vinkocide I10/I20/I30	IPBC + PE	Glycolic solution	4 – 10	0.05 – 0.25	●	●			●			●	●	Fungicide, excellent long-term efficacy, formaldehyde-free, toys directive applicable
Vinkocide KTL	BIT + MIT	Aqueous solution	2 – 11	0.2 – 0.4	●		●	●	●	●	●	●	●	Broad spectrum preservative, excellent long-term efficacy, free of organic solvents, formaldehyde and VOC
Vinkocide KTL 55	BIT + MIT	Aqueous solution	2 – 11	0.1 – 0.2	●		●	●	●	●	●	●	●	Broad spectrum preservative, excellent long-term efficacy, free of organic solvents, formaldehyde and VOC
Vinkocide KTLB	BIT + MIT + Bronopol	Aqueous solution	4 – 9	0.1 – 0.3	●		●	●	●	●	●	●	●	Broad spectrum preservative, excellent long-term efficacy, formaldehyde-free
Vinkocide KTLD	BIT + MIT + DGH	Aqueous solution	6.5 – 9.5	0.1 – 0.4	●		●				●	●	●	Broad spectrum preservative, excellent long-term efficacy, formaldehyde-free
Vinkocide KTLF	BIT + MIT + EDDM	Aqueous solution	4 – 8	0.1 – 0.3	●		●	●	●	●	●	●	●	Broad spectrum preservative, head space preservation, excellent long-term efficacy, free of organic solvents
Vinkocide KTLN	BIT + MIT + NaPT	Aqueous solution	6.5 – 9.5	0.1 – 0.4	●		●	●	●	●	●	●	●	Broad spectrum preservative, excellent long-term efficacy, free of organic solvents, formaldehyde and VOC
Vinkocide KN/KN-K	BIT + NaPT	Aqueous solution	6.5 – 13	0.1 – 0.4	●		●	●			●	●	●	Broad spectrum preservative, excellent long-term efficacy, free of organic solvents, formaldehyde and VOC, for high pH and temperature
Vinkocide MIT 10/MIT 50	MIT	Aqueous solution	2 – 9	0.02 – 0.2	●		●	●				●	●	Broad spectrum preservative, excellent long-term efficacy, free of organic solvents, formaldehyde and VOC
Vinkocide TD	MIT + DGH	Glycol-water	6.5 – 9.5	0.01 – 0.07	●		●				●	●	●	Broad spectrum preservative, excellent long-term efficacy, formaldehyde-free
Vinkocide OI	OIT + IPBC	Glycolic solution	2 – 10	0.15 – 0.25	●	●	●		●		●	●	●	Fungicide, excellent long-term efficacy, formaldehyde-free
Vinkocide OIT 8	OIT	Glycolic solution	2 – 10	0.015 – 0.025	●	●	●		●	●	●	●	●	Fungicide, excellent long-term efficacy, formaldehyde-free
Vinkocide OIT 16 WME/ Vinkocide OIT 45 WME	OIT	Aqueous microemulsion	2 – 10	0.01 – 0.5	●	●	●		●	●	●	●	●	Fungicide, excellent long-term efficacy, formaldehyde-free
Vinkocide OF	OIT + EDDM	concentrate	3 – 11	0.1 – 0.15	●		●	●	●	●	●	●	●	Bactericide, head space preservation, fast onset of action
Vinkocide OF 50	OIT + EDDM	Aqueous solution	3 – 11	0.1 – 0.15	●		●	●	●	●	●	●	●	Bactericide, head space preservation, fast onset of action
Vinkocide SR 1 (alkaline)	Surfactants	Mixture	./.	1:10 Dosage	●	●	●		●	●	●	●	●	System cleaner, highly effective biofilm removal
Vinkocide SR 3 (acidic)	Surfactants	Mixture	./.	1:10 Dosage	●	●	●		●	●	●	●	●	System cleaner, highly effective biofilm removal
Vinkocide X10 S	DCOIT	Plasticizer	./.	0.5 – 2.0	●	●						●		Fungicide, excellent long-term efficacy, free of formaldehyde and VOC
Sodium Pyrion 40%	NaPT	Aqueous solution	4.5 – 9.5	0.01 – 0.1	●	●	●		●	●	●	●	●	Fungicide, excellent long-term efficacy, free of formaldehyde and VOC

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● Suitable

Our service – your benefit

We are not only developing and producing product solutions of highest performance and reliability, we offer a wide range of service features.



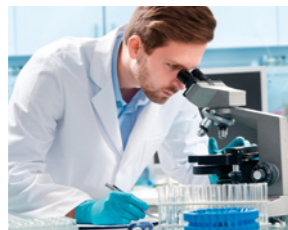
Microbiological testing

Whether you need a challenge test, a sterility test or the identification of a contaminant - we can do this for you using an unbiased lab. This ensures, that the results are independent and objective.



Analytics

Our analytical experts help you to determine the stability of our biocides in your individual formulation.



Product development

Development work is necessary not only for your new products, but also for existing products when using a new biocide. We will assist you in finding the best possible biocide and its optimal dosage.



Consulting

We will help you in all aspects of biocide use, from the choice of the preservation system to advice for production hygiene.



Chemicals regulations

REACH, BPR, CLP-regulation: We take care of the compliance with the different legislation. If you have any questions about chemical regulations, we will be happy to assist you.



Technical guidance is an integral part of our service to our customers. We support your product development in terms of biocide selection and use, working with you to identify the solution to your specific requirements.

As a service or as a service provider we offer technical support, which is done in internal or in independent, external laboratories to ensure a maximum objectiveness.

To achieve a satisfactory hygiene level in a manufacturing company, it is necessary to understand the essence of hygiene and appropriately develop measures. Our aim is not to offer a high number of plant inspections, which make the customer addicted to the biocide supplier, but to enable him to act self-dependent. Training is more important than inspection.

- Training of in-house personnel
- Hygiene monitoring
- Sanitization measures
- Plant inspections

As a result of these common efforts, you will save costs by using Vinkocide products as for example Vinkocide system cleaners. Vinkocide™ SR products are highly effective system cleaners with excellent cleaning properties. Mud, bacterial slime, lumps of fungi and yeast colonies are detached, container and pipelines are cleaned even in inaccessible places.

- 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 biodispersants

Some biocides may have an additional cleaning effect but most do not. In such cases, disinfection will not lead to a solution of the problems but sometimes to rapid regrowth of biofilm instead. Vinkocide™ system cleaners effectively remove biofilms from surfaces. Existing biofilms are infiltrated, which leads to the detachment of the destabilized films. This reduces the regular use of in-can biocides.

Vinkocide™ system cleaners contain surfactants as cleaning and reinforcing components. Other ingredients are acid (Vinkocide SR 3) or alkali (Vinkocide SR 1). The cleaners also contain biodispersants to detach and bind biofilms and remove them from the system. This prevents a recontamination from deposition of the abraded biofilms. Booster substances intensify the efficiency as biofilm remover. Finally they can be combined with fast acting biocides to kill the microorganisms within the detached biofilm as well as of residuals of them on the surfaces.



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