



Calvatis GmbH

Laundry





Your partner for... ...innovative hygiene management

Calvatis is one of the leading independent manufacturers of cleaning and disinfection products. We offer our customers individual hygiene concepts based on this experience. Calvatis has been successfully represented in the global market for over 75 years with its calgonit product range.

The main applications are in

- Hygiene consulting and hygiene management
- Beverage industry
- Food industry
- Institutions
- Milk-processing industry
- Agriculture
- Equipment and systems technology
- Water treatment
- Laundry
- Production to order

calvatis
calgonit
industrial

Calvatis has a mature product range of over 1,000 branded products in the calgonit product lines and can therefore provide integrated hygiene concepts for all areas.

Calvatis develops and produces at its Ladenburg site in Germany, from where it also coordinates global sales of products and services.

Calvatis products and the company's comprehensive services provide all customers with top quality at an optimal price/performance ratio.

Calvatis is certified according to ► DIN EN ISO 9001 and ► DIN EN ISO 14001

Calvatis specialises in the production of cleaning and disinfection products, particularly when it comes to services, to ensure clear differentiation from competitors.

High quality and environmental awareness are second nature for Calvatis, are lived, maintained and continuously adapted to the increasing demands in the market.

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Detergents



Detergents

Detergents for washing laundry have long since ceased to consist of classic soaps. They contain a large number of different ingredients with very different tasks to achieve the best result from the different washing tasks.

The pure washing activity is generated on the one hand by alkalis, which chemically dissolve the dirt and on the other hand change it into more easily soluble substances. On the other hand there are surfactants which, due to their interfacial activity, are able to dissolve any dirt particles in water or at least to bring them into emulsion so that the dirt can be washed out.

The composition of alkalis and surfactants is optimized in each case to protect the laundry fiber and the laundry ink.

Alkaline

calgonit Safe Complete

20 kg



calgonit Safe Complete is an enzymatic one-shot powder detergent that can be used at low and high temperatures in professional laundries and hospitals. calgonit Safe Complete is based on an effective mixture of surfactants, water hardness sequestrants, antigreying and anti-corrosion agents, enzymes, alkaline salts and Oxygen bleach. calgonit Safe Complete is very effective on grease, oil, blood and food stains. It is a very efficient one-shot powder wash detergent that can be used to clean fabrics from hospitals and other healthcare facilities as well as for cleaning of hotel linen, restaurant linen and work wear.



calgonit Safe One



calgonit Safe One is a powerful powdered heavy-duty detergent which can be used at low and high temperatures in professional laundries. calgonit Safe One is based on an effective mixture of surfactant, water hardness sequestrants, anti-greying agents, alkaline salts and oxygen bleach. calgonit Safe One is very effective against all type of soils. It is a powder wash detergent which can be used to clean fabrics of hotel linen, restaurant linen, work wear or textiles like mops used in the food and beverages industries. calgonit Safe One is suitable for all type of wash machines and is effective at all wash temperatures.

10,1 kg



20 kg

calgonit Safe Alcatop

26 kg



calgonit Safe Alcatop is a concentrated, phosphate-free, alkaline liquid detergent for commercial laundries. Due to its alkalinity and its specific mix of surfactants, calgonit Safe Alcatop very effectively removes difficult stains and stubborn dirt. calgonit Safe Alcatop provides excellent washing performance at 40°C, 60°C and 90°C and can be used for all types of textiles except wool and silk. calgonit Safe Alcatop leaves a pleasant scent on the laundry. calgonit Safe Alcatop can be combined with other products from the calgonit Safe range such as cleaning boosters and bleaching agents. calgonit Safe Alcatop is suitable for all types of washing machines.



Detergents

Alkaline

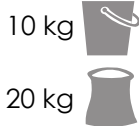
calgonit Safe Echo



calgonit Safe Echo is an effective highly alkaline detergent based on a blend of surfactants, water hardness sequestrants, anti-graying & anti-yellowing agents and silicates for commercial laundries. The phosphate based building system ensures low water hardness ion concentration and consequently prevents precipitation of detergent components. Phosphates also function as anti-graying agents in addition to other ingredients with anti-redeposition by keeping soil particles in suspension. calgonit Safe Echo is usually completed with alkali builders. This combination of products ensures good removal and dispersion of fatty and oily soil, thus enhancing wash performance on heavily soiled fabrics such as cotton and polyester/cotton work wear and table linen. calgonit Safe Echo contains silicates which are the main source of alkalinity and function as anti-corrosion and bleach stabilizing agents.



20 kg



10 kg alzipur Fresh is a powerful laundry detergent for all washing procedures and temperatures. alzipur Fresh thoroughly removes stains and leaves a pleasant scent.

20 kg

alzipur Fresh



alzipur Spezial



alzipur Spezial washes all fabrics spotless white. alzipur Spezial is effective at all temperature ranges and is suitable for all kind of fabrics.



20 kg

calgonit Safe Advance

26 kg 

calgonit Safe Advance is an effective one-shot detergent that was specially developed to remove greasy and oily soiling. The outstanding formulation with CMC keeps the soil in suspension thus prevents re-deposition. The presence of surfactants improves the removal of dirt and emulsify fatty and oily soil. Optical brighteners, that are applicable at all temperatures enhance whiteness and are stable in the presence of chlorine bleach. calgonit Safe Advance can be used with alkali builders. This combination of products improves the washing performance on heavily soiled, alkali stable fabrics.



calgonit Safe Essential



calgonit Safe Essential is a liquid main wash detergent based on a mixture of nonionic and anionic surfactants which works very effective for greasy and oily soiling at a nearly neutral pH. calgonit Safe Essential can be used with alkali builders. This combination of products improves wash performance on heavily soiled fabrics such as cotton and polyester/cotton work wear and table linen. calgonit Safe Essential contains optical brighteners, that are applicable at all temperatures to enhance whiteness even in the presence of additional chlorine bleach.

 21 kg

Detergents

Disinfection

Mega Pur 60*





Mega Pur 60 is a phosphate-free, powdered heavy-duty detergent, which is used as a chemo-thermal disinfecting wash disinfection process. Mega Pur 60 is suitable for all kinds of bleachable of bleachable textiles made of cotton and blended fabrics.




20 kg

calgonit sporexalin*

25 kg  calgonit sporexalin is a liquid, oxidizing disinfectant based on hydrogen peroxide. The product does not foam and can be used cold and hot. calgonit sporexalin is suitable for many applications of immersion-, circulation- or spray disinfection of equipment, tanks, containers, pipework and utensils in the food-, milk- and beverage industry.

200 kg 

1000 kg 



*Use biocidal products with care. Always read the label and product information before use.

Washing power booster



Washing power booster

A washing power booster increases the alkaline strength of an already alkaline product and thus increases the cleaning power of a detergent. This increased cleaning power is only needed for heavily soiled laundry items as well as for high water hardness and must therefore only be brought about in exceptional cases.

The calgonit washing power boosters make it possible to adjust your wash liquor to current needs.

Alkaline

calgonit Safe Alkazol



calgonit Safe Alkazol is a powerful alkalinity builder based on a blend of alkaline ingredients, sequestrants and anti-graying agents. calgonit Safe Alkazol should be used in conjunction with a main wash detergent to improve the cleaning performance on heavily soiled fabrics by increasing the pH of the wash liquor. Especially useful to remove fat and other food stains from table and kitchen linen.



20 kg

calgonit Safe Boost

26 kg



calgonit Safe Boost is a powerful alkali booster, based on a balanced blend of alkali, water hardness sequestering agent and anti-graying agents. A very strong sequestering system prevents formation of scale or detergent deposits on fabrics or inner surfaces of the washing machine. To remove particularly stubborn stains, calgonit Safe Boost is used together with a calgonit laundry detergent.



calgonit Safe Smooth



calgonit Safe Smooth is a concentrated, neutral liquid water softener for commercial laundry applications. The product works very efficiently against water hardness and complex heavy metals such as iron, manganese and copper. calgonit Safe Smooth prevents the deposition of scale and heavy metals on the textiles. calgonit Safe Smooth can be combined with calgonit liquid laundry detergents and can be used for all types of textiles in a temperature range from 30 to 90°C.



24 kg

Bleaches



Bleaches

Bleaching agents are used to remove unwanted colour stains and yellowing from the laundry. Here, on the one hand, the bleaching power itself acts, on the other hand, bleaching agents act chemically as cleaning boosters for the alkaline components of the detergent. Sensitive colours and delicate fabric qualities are attacked by bleaches, so it is not advisable to use it for all types of laundry.

Bleaching agents are used for three different purposes in laundry:

1. Light and white textiles should lose yellowing and grey haze
2. The colour of a textile is to be lightened or removed
3. Partial soiling such as stains should be „faded“

Chlorine

calgonit Safe White



calgonit Safe White is a powder laundry chlorine bleach specially designed for use in commercial, healthcare and on-premise laundries. It should be applied at temperatures between 40°C and 60°C and can be used for all types of white fabrics. calgonit Safe White is an effective medium temperature bleach system based on chlorinated isocyanurates, alkaline salts and bleach stabilizing agents. calgonit Safe White removes all colored stains and leaves the laundry in an excellent hygienic condition.

 10 kg

calgonit Safe Bleach

25 kg



calgonit Safe Bleach is a laundry chlorine bleach suitable for all white cotton fabrics. The product is not recommended for bleaching of synthetic fabrics. calgonit Safe Bleach is based on Sodium Hypochlorite, alkali and bleach stabilizers and is already effective at 40°C. calgonit Safe Bleach removes all colored stains and leaves the laundry in an excellent hygienic condition.



calgonit Safe Color

calgonit Safe Color is a laundry oxygen bleach powder specially designed for use in commercial, healthcare and on premise laundries. calgonit Safe Color is based on mild oxygen bleach together with alkaline salts that prolongs the life of the fabric and prevents fading of the colors. calgonit Safe Color can be used for all types of fabric to remove bleachable colored stains, except on wool and nylon. Bloodstains should be prewashed before coming in contact with calgonit Safe Color to avoid fixing of this stains on the fabric. The product should be applied in the main wash cycle at temperatures between 70°C and 90°C. When used in the main wash cycle, calgonit Safe Color helps to reduce water and energy consumption.

20 kg



Acid

calgonit Safe Oxygen



calgonit Safe Oxygen is a concentrated liquid laundry bleach based on Hydrogen Peroxide designed for use in commercial, healthcare and on premise laundries. calgonit Safe Oxygen is suitable to remove all bleachable colored stains on white and colored fabrics. Use in the main wash cycle is recommended at temperatures between 70°C and 90°C. When used in the main wash cycle calgonit Safe Oxygen helps to reduce water and energy consumption.



25 kg

Neutralizing Sours



Neutralizing Sours

Neutralizing Sours are needed after the washing cycle to remove residual alkalinity from the laundry. Residual alkalinity may have a negative effect on the skin if it remains in the wash pieces. It also has a direct influence on the feel of natural fibres which are processed in the laundry. Under the influence of slight acidity, natural fibres tend to be smooth and compact, whereas residual alkalinity makes them look rougher on the skin.

Acid

calgonit Safe Sour

22 kg



calgonit Safe Sour is a liquid acidic formulation especially designed for use in commercial and on premise laundries to neutralize residual alkalinity in the final rinse. This is important to avoid yellowing of fabric caused by drying of residual alkalinity on the fabric. calgonit Safe Sour is based on organic acids which are environmental friendly and efficient neutralizing agents for alkali present in rinse water and on fabric. calgonit Safe Sour is suitable for all types of fabric, but is particularly suitable for hospital linen, roller towels and mops.



calgonit Safe Rust



calgonit Safe Rust is a liquid rust removing formulation specially designed for use in commercial and on premise laundries. The product is used in the final rinse to remove rust and neutralize residual alkalinity. calgonit Safe Rust eliminates the discoloration of fabric caused by iron in the water supply. calgonit Safe Rust is suitable for all white or colored fabric types.



24 kg

Fabric Softeners



Fabric Softeners

Fabric softeners serve as washing aids whose task only begins when the laundry is dry. During the drying process, the absorbed fabric softener molecules prevent the effect of dry rigidity by interfering with the electrostatics of the fibres and allowing them to glide gently past each other instead of becoming entangled. In addition, optical brighteners and fragrances are added via this additive, giving the laundry a freshness experience.

Acid

calgonit Safe Prime

21 kg



calgonit Safe Prime is a concentrated liquid fabric softener especially designed for use in commercial and on premise laundries. The product should be added to the final rinse and is suitable for all types of fabrics. calgonit Safe Prime is based on biodegradable cationic surfactants which coat the fibers and prevent during the drying the felting of the fibers and the emergence of static electricity (especially on synthetic fibers). calgonit Safe Prime gives the laundry a soft touch and facilitates ironing and mangling. calgonit Safe Prime was developed with a special encapsulated perfume that leaves a pleasant smell on the dry laundry for many months.



calgonit Safe Breeze



calgonit Safe Breeze is a liquid fabric softener specially designed for use in commercial and on premise laundries. The product should be added to the final rinse and is suitable for all types of fabrics. calgonit Safe Breeze is based on biodegradable cationic surfactants which coat the fibers and prevent while drying the felting of the fibers and the emergence of static electricity (especially on synthetic fibers). calgonit Safe Breeze gives the laundry a soft touch, a pleasant smell and facilitates ironing and mangling.



21 kg

Emulsifiers



Emulsifiers are to be understood as auxiliary substances which, due to their chemical properties, actually bring components that cannot be combined into a stable emulsion. Emulsifiers consist of two molecular parts, a fat-loving (lipophilic) and a water-loving (hydrophilic) part. These make it possible for emulsifiers to be able to stabilize two incompatible substances such as fat and water.

Neutral

calgonit Safe Oilaway

20 kg



calgonit Safe Oilaway is an emulsifier based on a mixture of surfactants and solvent. This product shows excellent performance on fatty and oily soiling especially on table linen and napkins. Once fat and oil have been removed from the fabric, they are effectively dispersed and emulsified by calgonit Safe Oilaway and re-deposition is prevented. calgonit Safe Oilaway is used in conjunction with alkaline booster and/or main wash detergent. This combination is suitable for cotton and synthetic fabrics.



calgonit Safe Oilgo



calgonit Safe Oilgo is an effective emulsifier based on a mixture of surfactants and an optical brighteners. This product shows excellent performance on fatty and oily soiling. Once fat and oil have been removed from the fabric, they are effectively dispersed and emulsified by calgonit Safe Oilgo and re-deposition is prevented. calgonit Safe Oilgo is used with alkalinity boosters and main wash detergents and is suitable for cotton and synthetic fabrics.



21 kg

Special products



Special products

All calgonit special products fulfil a special task that cannot be assigned to any direct product group. They were developed specifically for their areas of application and therefore have special, optimally coordinated formulas.

With the special products, we offer you the opportunity to realise the entire washing process as well as the environmental hygiene with calgonit products that are coordinated with each other.

Acid

calgonit Safe Refresher

calgonit Safe Refresher is a highly concentrated detergent for removing limescale and dirt* from commercial washing machines. The product is chlorine-free and easy to use. calgonit Safe Refresher is formulated with environmentally friendly organic acids and readily biodegradable surfactants. It is recommended to treat the washing machine every 2 - 3 month with calgonit Safe Refresher according to the instructions on the label. With regular use of calgonit Safe Refresher, the service life of washing machine is extended and the energy consumption is reduced.

12 x 1 L 



*Before treatment, remove dirt from hard-to-reach areas, e.g. the door seals.



For optimal hygiene management

Our goal is to ensure a comprehensive service range to make the applications in your organisation technically safe, economically effective and ecologically friendly at all times.

We further support and advise our customers with a company-specific product selection according to their needs as well as optimal product application to ensure effective cleaning and disinfection processes.

Calvatis

- ✓ helps you optimise your cleaning and disinfection processes
- ✓ helps you find the causes of faults
- ✓ helps you implement effective measures to deal with events

Calvatis...

...analyses the initial situation on site (current state protocol; report) and plans the use of the products with you

- ✓ order suggestions
- ✓ work instructions
- ✓ storage concepts

...documents the planned use (cleaning and disinfection plan)

Calvatis...

...helps you evaluate the results of monitoring

- ✓ through statistical evaluation
- ✓ and shows the need for action

...supports you in the annual verification of the cleaning and disinfection procedures

...checks and reports the plan and target specifications for cleaning and disinfection (amounts; costs; processes)

...trains your staff

- ✓ to handle cleaning and disinfection agents
- ✓ for personal hygiene
- ✓ in dealing with illnesses

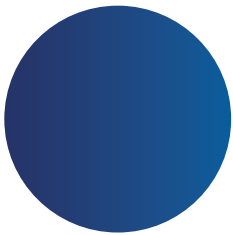
...regularly monitors adherence to specifications by determining the concentrations used and the success achieved

...documents these monitoring results

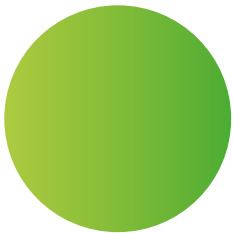
- ✓ service report per visit

Colour concept

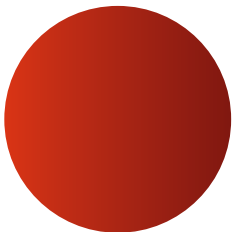
We have developed a colour concept to improve safety while working with Calvatis products. This makes it possible to determine the type of product from the colour of the canister and the labels. It makes handling our products much easier and also promotes increased safety during processing.



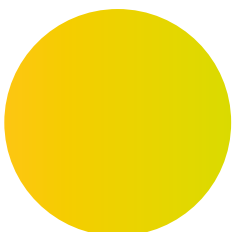
Alkaline



Chlorine



Acid



Disinfection



Neutral



Use of the products requires adherence to the precautions applicable to handling chemicals! Notes on risks and safety can be found in the relevant safety data sheets!

Before a cleaning and disinfection agent is used, its compatibility with the material concerned must be examined!



Calvatis GmbH

Am Hafen 16 • 68526 Ladenburg • Germany

Tel: +49 6203 105-0 • Fax: +49 6203 105-111

info@calvatis.com • www.calvatis.com

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