



Calvatis GmbH

Dairy



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 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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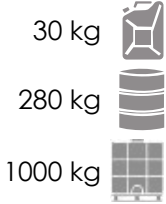
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CIP-Cleaning



calgonit R flüssig

calgonit R flüssig is a concentrated caustic detergent. The product doesn't foam, is easy to dose by conductivity and is suitable for circulation and spray cleaning of tanks, pasteurisers, pipe work, brew kettles, whirlpools and centrifuges as well as for crate washing in the food, milk and beverage industry. calgonit R flüssig can be used cold as well as hot. For enhancing cleaning performance calgonit R flüssig can be combined with Hypochlorite (calgonit AD 860). calgonit R flüssig is suitable for soft to medium hard water.



calgonit R flüssig spezial



calgonit R flüssig spezial is a high caustic liquid detergent. It is stabilized for high water hardness and can easily be dosed by conductivity. Even if it is applied for spray cleaning the product doesn't foam. For enhancing cleaning performance calgonit R flüssig spezial can be combined with Hypochlorite. calgonit R flüssig spezial is suitable for cleaning of pasteurizers, tanks, containers, pipe work, centrifuges and crate washing. If water hardness is above 6°dH the product can be used for cleaning of aluminium Kegs because there is only low etching.



calgonit RT spezial

calgonit RT spezial is a highly concentrated caustic detergent with defoamer. The product is especially suitable for hot circulation and spray cleaning of tanks, pasteurisers, pipe work and containers. calgonit RT spezial does not foam when applied above 40°C and is easily dosed by conductivity.



calgonit NN 443



calgonit NN 443 is a synergistic formulation of high alkalinity, complexing agents and surface-active components. The product controls foam, can be easily dosed by conductivity and is suitable for circulation and spray cleaning of pasteurizers, pipe work, and tanks. calgonit NN 443 removes organic and mineral soiling in one step. Especially burned-in deposits are dissolved easily.



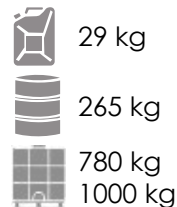
CIP-Cleaning

Acid

calgonit jalu sauer plus



calgonit jalu sauer plus is a liquid, strongly acidic detergent based on nitric acid. calgonit jalu sauer plus is a powerful descaler and has good wetting, cleaning and emulsifying properties due to special surfactants. Special inhibitors in the product prevent formation of nitrous gas and reduce corrosion attack on plastic gaskets. calgonit jalu sauer plus can be used cold and hot and is easily dosed by conductivity. The product is low foaming when used by spray and is easily rinsed off. calgonit jalu sauer plus is suitable for automatic cleaning of pasteurizers, tanks, milk collecting trucks, centrifuges and pipes.



calgonit SN 574 is a liquid, strongly acidic detergent based on nitric acid. calgonit SN 574 is a powerful descaling product which has good wetting, cleaning and emulsifying properties due to special surfactants. Special inhibitors in the product prevent formation of nitrous gas and reduce corrosion attack on plastic gaskets. calgonit SN 574 can be used cold and hot and is easily dosed by conductivity. The product is low foaming when used by spray and can be easily rinsed off. calgonit SN 574 is suitable for automatic cleaning of pasteurizers, tanks, milk collecting trucks, centrifuges and pipes.



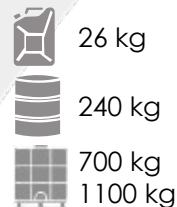
calgonit SN 574



calgonit SN 542



calgonit SN 542 is an strongly acidic detergent. The product has excellent wetting abilities and is able to solve fat, protein as well as inorganic deposits. calgonit SN 542 is suitable for CIP cleaning of containers, tanks, pipe work and for spray application in crate washing machines. It is also suitable for manual cleaning of surfaces made of stainless steel. calgonit SN 542 is low foaming above 30°C, reusable and easily rinsed off.



Chlorine

calgonit CN 353 is a liquid, alkaline detergent concentrate with active chlorine. calgonit CN 353 does not foam and is suitable for soak, circulation and spray cleaning of tanks, pipes, mixing, storage and transport vessels as well as for cleaning of buttermaking machines and smoke sticks made of aluminium. calgonit CN 353 contains an effective inhibitor preventing the attack on aluminium, copper and brass.



calgonit CN 353







calgonit 6010



calgonit 6010 is a concentrated, alkaline, liquid product with active chlorine. The product does not foam and is suitable for circulation and spray cleaning of tanks, pipes, containers and crates. calgonit 6010 removes organic deposits like protein, fats, starch, milk- and everage residues. The product can be dosed by conductivity and is easily rinsed off leaving the cleaned surfaces in excellent hygienic conditions.



calgonit LZ flüssig

21 kg 
210 kg 
600 kg 
1000 kg 

calgonit LZ flüssig is a specialized additive developed for the milk industry to enhance the cleaning effect of caustic solutions and prevent disturbing foam. calgonit LZ flüssig can be used for automatic cleaning of tanks, containers and pipes as well as for bottle-washing. calgonit LZ flüssig can be premixed with concentrated caustic in a storage tank according to the wanted ratio, can be used for all water conditions and effectively suppresses foam when used hot.






calgonit EPR



calgonit EPR is used especially for the one phase cleaning as additive to sodiumhydroxide or caustic detergent solutions in the milk processing industry. The product contains strong chelates which remove milk stone, so that an additional acidic cleaning step normally is not required. calgonit EPR does not foam at hot application and is suitable for the automatic cleaning of pasteurizers, separators, pipes and tanks. calgonit EPR is also usable as an additive for bottle washing.



25 kg 
230 kg 
670 kg 

calgonit LAO is a special additive based on active oxygen designed to be used in combination with caustic and acidic cleaning solutions. calgonit LAO is suitable for alkaline cleaning of heavily soiled cookers, heat exchangers and pipework encountered in food processing and beverage industry. calgonit LAO effectively stabilizes water hardness and suppresses disturbing foam. calgonit LAO also improves the detergency of acidic products, especially of nitric acid.

calgonit LAO






calgonit 2617



calgonit 2617 is a highly concentrated combination based on strongly antifoaming surfactants and water hardness stabilizers. The optimized combination of the ingredients guarantees a deposit free and effective cleaning. The foam-suppressing surfactants are particularly effective for the protein and soap foams that occur in alkaline cleaning processes in the dairy industry. calgonit 2617 is suitable for automatic CIP cleaning in combination with caustic soda or a highly alkaline cleaning agent. calgonit 2617 is already effective at temperatures above 40°C, increases the emulsifying capacity and the cleaning effect of the lye and is easily rinsed off cold.



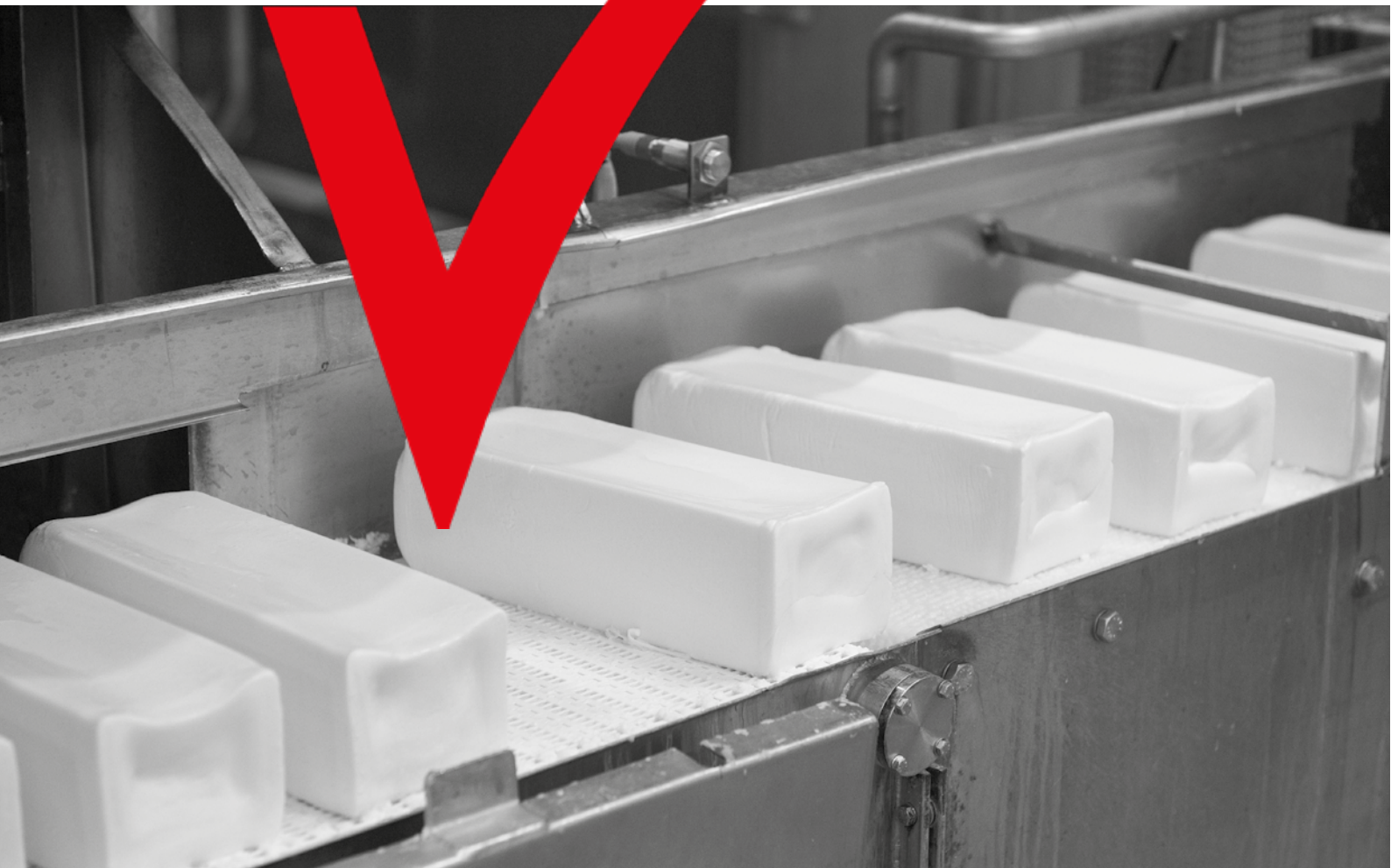
22 kg 
200 kg 
1000 kg 

calgonit CZ is a specialized additive for nitric acid used in the dairy industry. The product can be mixed with concentrated nitric acid or used as an additive to nitric acid solutions. Calgonit CZ is an effective cleaning booster, a corrosion inhibitor and a safety improver for nitric acid in one product. By reducing the surface tension, nitric acid with added calgonit CZ is able to wet soil and emulsify fat. The formation of nitrous gas in the concentrated nitric acid is strongly reduced with added calgonit CZ, also the attack of the corresponding cleaning solutions on gaskets.

calgonit CZ





Butter machines



Butter machines

Chlorine

calgonit 6120

250 kg 
1000 kg 

calgonit 6120 is a foaming, alkaline all-purpose detergent with active chlorine. calgonit 6120 shows excellent wetting properties, efficient fat solving combined with good material compatibility. In addition, the presence of chlorine assists removal of tenacious soils leaving treated surfaces in an optimal hygienic condition. Due to its special combination calgonit 6120 is particularly suitable for circulation cleaning of butter making machines. It can also be used for manual application or immersion cleaning.



Alkaline

calgonit BR-F






calgonit BR-F is a slightly foaming special alkaline detergent free of chlorine for butter making machines. Due to its special composition calgonit BR-F has a very good wetting ability together with a high power for removing fat and proteins. Sticking of butter is perfectly inhibited.



Disinfection



calgonit CD-L*

25 kg 
210 kg 
1000 kg 




calgonit CD-L is a standardised solution of sodium chlorite to produce chlorine dioxide in a special chlorine dioxide preparation device. The produced chlorine dioxide can be used for water treatment and all disinfection tasks in food and beverage industry.



calgonit CD-S*






calgonit CD-S is a standardised solution of hydrochloric acid to produce chlorine dioxide for water treatment and disinfection in rinse sections of bottle washing machines.

 25 kg
 210 kg
 1000 kg

Chlorine

calgonit sporex*

24 kg 
240 kg 
1000 kg 

calgonit sporex is a liquid, slightly alkaline disinfectant with high content of active chlorine to be applied in the food and beverage industry. calgonit sporex is suitable for disinfection of surfaces, tanks, containers, pipe work and hoses, for use in crate washers and warm water stages of bottle washing machines as well as for treatment of cutting boards.



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

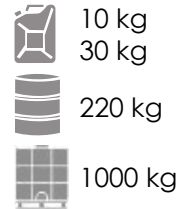
Disinfection

Acid

calgonit sterizid forte 15*



calgonit sterizid forte 15 is a liquid, acidic disinfectant based on peracetic acid. It effectively kills bacteria, spores, yeasts, fungi and viruses even at low temperatures. calgonit sterizid forte 15 does not foam and is suitable for disinfection tasks in the food industry. The product is suitable for general surface disinfection, for automatic sanitation of tanks, containers, pipes and equipment as well as for use in water stages of bottle washing machines. Furthermore the product can be used for intermediate disinfection of milking equipment, tube milking machines and for sanitation of animal sheds after cleaning.



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.

calgonit sporexalin*



calgonit DS 625*



calgonit DS 625 is a liquid, slightly acidic disinfectant based on hydrogen peroxide and peracetic acid. It effectively kills bacteria, yeasts and fungi even at low temperatures. calgonit DS 625 does not foam and is therefore suitable for automatic disinfection of tanks, containers, pipelines and equipment in the dairy industry.



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

Bottle washing machine



Bottle washing machine lye

Alkaline

calgonit R flüssig spezial



calgonit R flüssig spezial is a high caustic liquid detergent. It is stabilized for high water hardness and can easily be dosed by conductivity. Even if it is applied for spray cleaning the product doesn't foam. For enhancing cleaning performance calgonit R flüssig spezial can be combined with Hypochlorite. calgonit R flüssig spezial is suitable for cleaning of pasteurizers, tanks, containers, pipe work, centrifuges and crate washing. If water hardness is above 6°dH the product can be used for cleaning of aluminium KEGs because there is only low etching.



calgonit RT spezial is a highly concentrated caustic detergent with defoamer. The product is especially suitable for hot circulation and spray cleaning of tanks, pasteurisers, pipe work and containers. calgonit RT spezial does not foam when applied above 40°C and is easily dosed by conductivity.

calgonit RT spezial

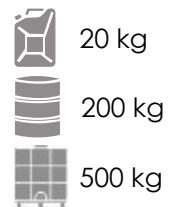


Additive

calgonit SB



calgonit SB is a highly effective combination of surfactants for foam control of alkaline cleaning solutions in the milk-, beverage- and brewing industry. calgonit SB is used in automatic bottle wash and alkaline CIP cleaning applications and is effective above 40°C. calgonit SB reduces the surface tension, improves the cleaning and emulsification of lye solutions and is easily rinsed off.



calgonit LA flüssig is an additive based on special chelates and scale control agents. The product is miscible with concentrated caustic lye and can be used to improve cleaning and as scale preventive. calgonit LA flüssig is suitable for alkaline CIP-cleaning of tanks, pipes and kegs and is used in bottle washing as well.

calgonit LA flüssig



calgonit GL extra



calgonit GL extra is a liquid, phosphate and nitrate free cleaning additive for highly alkaline cleaning solutions. The product is suitable as lye additive for CIP cleaning and particularly for automatic bottle washing in the milk and beverage industry. calgonit GL extra controls water hardness, increases bottle shine and effectively prevents disturbing foam in low concentrations when used hot.






Bottle washing machine water zone

Additive

calgonit AD 817



24 kg 
220 kg 
670 kg 

calgonit AD 817 is an additive for alkaline cleaning processes to prevent hard water scale formation which can cause nozzle blockage. The product is stable against oxidizing agents and therefore especially suitable when used in combination with chlorine dioxide and peracetic based disinfectants. calgonit AD 817 is effective even in hard water and suitable for PET. In pasteurizers calgonit AD 817 prevents hardness deposits and protects cans from blackening.

calgonit WST neu



calgonit WST neu is a very efficient and economical additive for scale inhibition in rinse water sections of bottle washing machines. calgonit WST neu is suitable for hard water, high temperatures and high pH-values. Due to the stabilizing of water hardness no corrosion at high pH is observed on ordinary steel of the machines.

 24 kg
 260 kg
 760 kg

Bottle washing machine Disinfection

Chlorine

calgonit sporex*



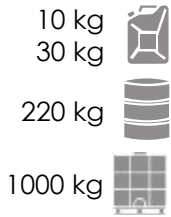
calgonit sporex is a liquid, slightly alkaline disinfectant with high content of active chlorine to be applied in the food and beverage industry. calgonit sporex is suitable for disinfection of surfaces, tanks, containers, pipe work and hoses, for use in crate washers and warm water stages of bottle washing machines as well as for treatment of cutting boards.



Acid

calgonit sterizid forte 15*

calgonit sterizid forte 15 is a liquid, acidic disinfectant based on peracetic acid. It effectively kills bacteria, spores, yeasts, fungi and viruses even at low temperatures. calgonit sterizid forte 15 does not foam and is suitable for disinfection tasks in the food industry. The product is suitable for general surface disinfection, for automatic sanitation of tanks, containers, pipes and equipment as well as for use in water stages of bottle washing machines. Furthermore the product can be used for intermediate disinfection of milking equipment, tube milking machines and for sanitation of animal sheds after cleaning.



Disinfection

calgonit CD-L*



calgonit CD-L is a standardised solution of sodium chlorite to produce chlorine dioxide in a special chlorine dioxide preparation device. The produced chlorine dioxide can be used for water treatment and all disinfection tasks in food and beverage industry.



calgonit CD-S is a standardised solution of hydrochloric acid to produce chlorine dioxide for water treatment and disinfection in rinse sections of bottle washing machines.

calgonit CD-S*



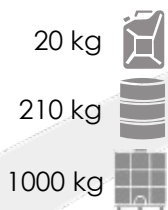
*Use biocide products with care. Always read label and product information before use.

Bottle washing machine Headspace disinfection

Disinfection

calgonit DS 685*

calgonit DS 685 is a surface active, mildly alkaline disinfectant based on microbiocidal alkylamines. The product has a broad spectrum of activity against gram-positive and gram-negative bacteria, yeasts, fungi and enveloped viruses. calgonit DS 685 is scarcely affected in its activity by protein, is good fat solving, nearly odourless and non corrosive. calgonit DS 685 is generally suitable for wipe, soak and spray disinfection of work surfaces, equipment, filling machines, walls and floors in the food and beverage industry. calgonit DS 685 can be used for sole disinfection in basins of hygiene stations. calgonit DS 685 has been tested in accordance with European standards EN 1276, EN 1650, EN 14476 and EN 13697.






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Conveyor belts



calgonit LU 5702

20 kg 
200 kg 
1000 kg 

calgonit LU 5702 is a silicone based lubricant for the application on stainless steel or plastic belt conveyor systems for use in the dairy industry. The product is especially designed for the transport of carton packages and plastic containers (e.g. PET, PC).





calgonit Bandfit EE



calgonit Bandfit EE is a concentrated, chelate-free product designed for lubrication of transport chains for glass and plastic bottles (PET, PC), cans, boxes and cardboard products in the food and beverage industry. calgonit Bandfit EE provides excellent lubricity and can be used with water of any hardness without formation of deposits. calgonit Bandfit EE is low foaming thus avoiding wrong measurements on control devices for bottles. Excellent cleaning performance ensures good hygienic conditions and leads to a noticeable reduction of times required for additional belt cleaning.

 22 kg
 200 kg
 600 kg
 980 kg

calgonit Dry Glide SI

21 kg 
220 kg 

calgonit Dry Glide SI is a ready to use lubricant based on silicones. Due to the specific product composition, no extra water is needed for having a good lubrication. calgonit Dry Glide SI can be used for carton, PET, PC and cans on plastic chains. calgonit Dry Glide SI cannot be used for the lubrication of glass bottles on stainless steel chains.



Surface cleaning



calgonit AF 106

22 kg



calgonit AF 106 is a mildly alkaline general purpose cleaner. The product is suitable for manual or foam applications and effectively removes fat, oil and protein deposits. calgonit AF 106 is non corrosive, forms a stable foam and is easily rinsed off.



calgonit AF 108



calgonit AF 108 is a mildly alkaline general purpose cleaner. The product is suitable for manual, foam or soak applications and effectively removes fat, oil and protein deposits. calgonit AF 108 contains organic chelates to bind water hardness and is non corrosive against most materials. Due to its special composition the product is easily rinsed off and does not form white deposits often found with silicated detergents.



22 kg



200 kg



600 kg

calgonit NF 400

24 kg



260 kg



720 kg



calgonit NF 400 is an optimised, liquid foam detergent with high caustic content. The product develops a stable foam with good cling and rapid soil penetration. calgonit NF 400 is suitable to remove especially stubborn and carbonised soils like tar, burned grease, starch and protein and therefore is preferably used for smoke house cleaning.



calgonit NF 406



calgonit NF 406 is a liquid alkaline foam detergent with excellent cleaning performance. The product generates a stable foam and is especially suitable to remove fat, oil, protein and other organic soils. calgonit NF 406 is applied for cleaning of machinery, tanks, tiled walls and floors, controls water hardness and is easily rinsed off.



24 kg



220 kg



1000 kg

calgonit NF 422

24 kg



235 kg



640 kg



1000 kg

calgonit NF 422 is a highly active alkaline foam cleaner for difficult cleaning tasks. The product forms a stable, long clinging foam and is suitable for cleaning of machinery, conveyors, filling plants, walls and floors. calgonit NF 422 is particularly useful where fat, oil and protein soiling is encountered and can also be used on heated surfaces.



Surface cleaning

Alkaline

calgonit LPR



calgonit LPR is a moderately foaming, mildly alkaline liquid product for cleaning surfaces that are compatible with alkaline. calgonit LPR is suitable for manual application and is also excellent as a spray or high-pressure cleaner for washing the outside of transport vehicles (tarpaulins, superstructures) and milk collection trucks. The product can be foamed with suitable equipment. As a floor cleaner, applied by hand or using cleaning machines, calgonit LPR removes even the most difficult dirt.



calgonit HDN is a mildly alkaline, foaming, liquid product effectively removing heavy fat, oil and resinified soilings. It is compatible with most materials normally used and primarily designed for cleaning motor vehicles, engines, engine parts and awnings. calgonit HDN is also used for cleaning of surfaces in the food and beverage industry.

calgonit HDN



Chlorine

calgonit CF 314*



calgonit CF 314 is a concentrated, alkaline foam cleaner with active chlorine. It is suitable for cleaning of machines, appliances, containers, tiled walls and floors. calgonit CF 314 builds up a long clinging foam and has excellent cleaning properties. It effectively removes protein and fat as well as any other persistent, organic deposits. calgonit CF 314 can easily be rinsed off leaving the cleaned surfaces in excellent hygienic condition.



calgonit CF 315 is a liquid alkaline foam detergent with active chlorine. The product is suitable for all degrees of water hardness and contains a special inhibitor allowing the use on aluminium and galvanized steel. calgonit CF 315 removes effectively fat and protein as well as any other persistent, organic deposits. It leaves the cleaned surfaces in excellent hygienic condition. calgonit CF 315 is normally applied for foam cleaning of machinery, tanks, tiled walls and floors. The product gives a stable foam and is easily rinsed off. For basic cleaning of heavily soiled parts or containers calgonit CF 315 could be used for immersion cleaning.

calgonit CF 315



calgonit CF 312*






calgonit CF 312 is a concentrated liquid alkaline foam detergent-sanitizer with active chlorine. It is free of silicate and can be used in all areas of the food and beverage industry to remove organic soil contaminants from all kinds of surfaces. calgonit CF 312 is hard water tolerant, builds up a stable foam, can easily be rinsed off and provides excellent hygienic conditions. calgonit CF 312 effectively removes protein and fat as well as any other persistent, organic deposits and is used for the cleaning of machines, containers, tiled walls and floors.



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

Surface cleaning

Acid

24 kg 
240 kg 
700 kg 

calgonit SF 504 is an ideal multi purpose, strong acidic foam cleaner. An optimized combination of powerful surfactants with mineral acids and emulsifying agents makes the product very effective for the removal of tenacious deposits of protein, grease and hard water scale. calgonit SF 504 is easy to remove from surfaces and leaves a shiny surface after rinsing.



calgonit SF 504





calgonit SF 506



calgonit SF 506 is an ideal multi purpose, acidic cleaner based on phosphoric acid. calgonit SF 506 can be used for manual, foam or soak applications. An optimized combination of powerful surfactants with acids makes the product very effective for removal of tenacious soils like rust. The special inhibitors in calgonit SF 506 essentially reduce attack when used on aluminium and galvanized steel.

24 kg 
220 kg 

24 kg 
220 kg 

calgonit SF 522 is an acid, phosphate-free foam cleaner. Due to a special surfactant composition, the product produces a very stable, long cling foam and removes even tenacious soils like lime scale, rust and protein as well as residual alkalinity. calgonit SF 522 produces hygienic clean and sparkling surfaces.

calgonit SF 522






calgonit SF 5501



calgonit SF 5501 is a phosphorus free, low corrosive, acidic cleaner used for removal of lime scale residues of alkalinity and light organic soiling. calgonit SF 5501 produces a stable foam and is suitable for cleaning of machinery, work surfaces, containers, tiled floors and walls encountered in the food-, milk- and beverage industry. calgonit SF 5501 is normally applied as foam, but can also be used manually.

22 kg 

Neutral

20 kg 
200 kg 
1000 kg 

calgonit AR is a neutral, phosphate free, highly concentrated all purpose cleaner for the dairy and food industry. The product does not contain perfumes, is high foaming and compatible with all materials normally used. calgonit AR has excellent fat solving capability and is suitable for manual cleaning of floors, tiles, walls and devices made of metal, wood or plastics.

calgonit AR




Surface cleaning

Disinfection

calgonit DS 622*



calgonit DS 622 is a liquid alcoholic disinfectant especially for treating surfaces where hydrous solutions cannot be applied. calgonit DS 622 excels by fast killing of unwanted germs and is suitable especially for the (break) disinfection e.g. of cutting and packing machines as well as in the filling area. calgonit DS 622 is free from aldehyde and can also be used for manual quick disinfection of small surfaces, equipment, furnishing and sanitary equipment. calgonit DS 622 contains neither ethanol nor raw materials of animal origin. Thus calgonit DS 622 meets the Kosher and Halal requirements in the food processing industry.

 8 x 725 ml

 6 L
19,6 kg

calgonit DS 685*

20 kg



210 kg



calgonit DS 685 is a surface active, mildly alkaline disinfectant based on microbiocidal alkylamines. The product has a broad spectrum of activity against gram-positive and gram-negative bacteria, yeasts, fungi and enveloped viruses. calgonit DS 685 is scarcely affected in its activity by protein, is good fat solving, nearly odourless and non corrosive. calgonit DS 685 is generally suitable for wipe, soak and spray disinfection of work surfaces, equipment, filling machines, walls and floors. calgonit DS 685 can be used for sole disinfection in basins of hygiene stations. calgonit DS 685 has been tested in accordance with European standards EN 1276, EN 1650, EN 14476 and EN 13697.



calgonit DS 623*





calgonit DS 623 is a liquid alcoholic disinfectant especially for treating surfaces where hydrous solutions cannot be applied. calgonit DS 623 excels by fast killing of unwanted germs and is suitable especially for the (break) disinfection e.g. of cutting and packing machines as well as in the filling area. It detects vegetative bacteria, yeasts and enveloped viruses like Corona and kills them reliably. calgonit DS 623 is free from aldehyde and can also be used for manual quick disinfection of small surfaces, equipment, furnishing and sanitary equipment. The product is based on a formulation recommended by the WHO. calgonit DS 623 contains ethanol of biological origin and has a characteristic odor depending on the manufacturing process.

 5 kg

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

calgonit DS 628*

30 kg 
220 kg 

calgonit DS 628 is a liquid acidic foam detergent concentrate based on organic acids for use in the food and beverage industry. calgonit DS 628 contains peracetic acid and hydrogen peroxide as active biocidal ingredients providing powerful broad spectrum efficacy. calgonit DS 628 forms a stable foam and is suitable for disinfection of pre-cleaned surfaces, plants and machines.




calgonit DS 633*



calgonit DS 633 is an acidic foam cleaner with outstanding disinfecting properties based on organic acids designed for the dairy industry. The product contains an optimized combination of very effective surfactants with different acids which even solve difficult deposits. calgonit DS 633 produces a stable long cling foam and is suitable for large area disinfection on surfaces, machinery and equipment. Due to the very stable foam a prolonged contact time and therefore an outstanding effect even on vertical surfaces is achieved. calgonit DS 633 is easily rinsed off and leaves hygienic clean and sparkling surfaces.

 23 kg
 1000 kg

calgonit DS 686 blau*

20 kg 

calgonit DS 686 blau is a surface active, mildly alkaline disinfectant based on microbiocidal alkylamines. The product has a broad spectrum of activity against gram positive and gram negative bacteria, yeasts and fungi. calgonit DS 686 blau is scarcely affected in its activity by protein, is good fat solving, nearly odorless and non-corrosive. calgonit DS 686 blau is especially suitable for sole disinfection in basins of hygiene stations. Due to contained color indicator the dosage can be easily controlled.





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


UHT-plants



calgonit RT spezial

30 kg  calgonit RT spezial is a highly concentrated caustic detergent with defoamer. The product is especially suitable for hot circulation and spray cleaning of tanks, pasteurisers, pipe work and containers. calgonit RT spezial does not foam when applied above 40°C and is easily dosed by conductivity.

290 kg 

840 kg 



calgonit NN 5454





calgonit NN 5454 is a highly concentrated caustic detergent with defoamer. The product is especially suitable for hot cleaning of heavily soiled fryers, cooking and roasting equipment. Encrusted and carbonized grease, carbohydrates and proteins are removed without residues. calgonit NN 5454 is easily dosed by conductivity and is also suitable for circulation and spray cleaning of tanks, containers, pipe work and heaters.


 30 kg
 300 kg
 900 kg


Additive

calgonit LZ flüssig

21 kg  calgonit LZ flüssig is a specialized additive developed for the milk industry to enhance the cleaning effect of caustic solutions and prevent disturbing foam. calgonit LZ flüssig can be used for automatic cleaning of tanks, containers and pipes as well as for bottle-washing. calgonit LZ flüssig can be premixed with concentrated caustic in a storage tank according to the wanted ratio, can be used for all water conditions and effectively suppresses foam when used hot.

210 kg 

600 kg 

1000 kg 





Membrane plants



Membrane plants

Alkaline

calgonit MC 941




24 kg 
1000 kg  calgonit MC 941 is an alkaline cleaning agent for micro-, ultra- and nano filtration system as well as reverse osmosis systems. calgonit MC 941 contains a special, highly efficient, biodegradable complexing agent, which eliminates the need for EDTA. In combination with surface-active substances the product guarantees very good cleaning performance even with high water hardness.






calgonit MC 942



calgonit MC 942 is a buffered mildly alkaline cleaning agent for reverse osmosis, micro- and ultra filtration equipment. The product contains organic sequestrants. calgonit MC 942 is a highly concentrated product and is recommended to use in combination with calgonit MC 970 to maximize the cleaning performance.

 30 kg
 260 kg
 1000 kg

calgonit MC 943

25 kg 
230 kg 
1000 kg  calgonit MC 943 is an alkaline cleaning agent for micro-, ultra- and nano filtration equipment as well as reverse osmosis systems. The product contains chelating agents and surface active ingredients. calgonit MC 943 is a high concentrated product with an excellent cleaning performance.



calgonit MC 946




calgonit MC 946 is a caustic, liquid detergent with a high content of organic chelates and cleaning active surfactants. The product has been developed especially for cleaning of high pH-resistant membranes in micro-, ultra- and nanofiltration plants as well as reverse osmosis systems. calgonit MC 946 removes organic and inorganic soils and has superior fat solving properties.

 27 kg
 270 kg
 1200 kg

Enzymatic

calgonit MC 970

10,1 kg  calgonit MC 970 is very special formulated cleaning agent with a high content of proteolytic enzymes. It is suitable for cleaning of reverse osmosis-, micro-, ultra- and nano filtration equipment.



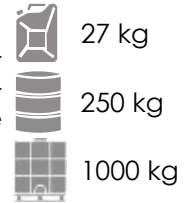
Membrane plants

Acid

calgonit MC 952



calgonit MC 952 is an especially formulated acidic detergent based on a combination of mineral acids. The product removes water scale as well as milkstone and is suitable for cleaning of reverse osmosis systems and micro-, ultra-, nano filtration equipment.



calgonit MC 953

24 kg



calgonit MC 953 is a liquid acidic cleaning agent for micro-, ultra-, nano filtration equipment as well as reverse osmosis systems. Due to its special combination of organic acids and surfactants calgonit MC 953 removes thoroughly mineral deposits and proteins. Provided a sufficient exposure time in the installation the mildly acidic configuration and specific combination of acids can be used to preserve the membranes.



calgonit MC 951



calgonit MC 951 is an especially formulated strongly acidic detergent based on a combination of mineral acids. The product removes water scale as well as milkstone and is suitable for cleaning of reverse osmosis systems and micro-, ultra-, nano filtration equipment..



Milk collecting trucks



Milk collecting trucks

Alkaline


calgonit RT spezial





calgonit RT spezial is a highly concentrated caustic detergent with defoamer. The product is especially suitable for hot circulation and spray cleaning of tanks, pasteurisers, pipe work and containers. calgonit RT spezial does not foam when applied above 40°C and is easily dosed by conductivity.



Acid

25 kg  calgonit LAO is a special additive based on active oxygen designed to be used in combination with caustic and acidic cleaning solutions. calgonit LAO is suitable for alkaline cleaning of milk collecting trucks and cheese forms. calgonit LAO effectively stabilizes water hardness and suppresses disturbing foam. calgonit LAO also improves the detergency of acidic products, especially of nitric acid.

230 kg 

670 kg 

calgonit LAO





calgonit jalu sauer plus




calgonit jalu sauer plus is a liquid, strongly acidic detergent based on nitric acid. calgonit jalu sauer plus is a powerful descalant and has good wetting, cleaning and emulsifying properties due to special surfactants. Special inhibitors in the product prevent formation of nitrous gas and reduce corrosion attack on plastic gaskets. calgonit jalu sauer plus can be used cold and hot and is easily dosed by conductivity. The product is low foaming when used by spray and is easily rinsed off. calgonit jalu sauer plus is suitable for automatic cleaning of pasteurizers, tanks, milk collecting trucks, centrifuges and pipes.



23 kg  calgonit SN 578 is a liquid, high acidic product with hydrogen peroxide based on nitric acid. It is suitable for automatic cleaning of pipe work, storage tanks, one step acid cleaning of milk collecting trucks, moulds and boxes. The product is low foaming, can be dosed by conductivity and is easily rinsed off. The high amount of hydrogen peroxide boosts the cleaning performance significantly.

230 kg 

690 kg 

1000 kg




calgonit SN 578



Milk collecting trucks Exterior cleaning

Alkaline

calgonit LPR

- 24 kg 
- 200 kg 
- 670 kg 

calgonit LPR is a moderately foaming, mildly alkaline liquid product for cleaning surfaces that are compatible with alkalis. calgonit LPR is suitable for manual application and is also excellent as a spray or high-pressure cleaner for washing the outside of transport vehicles (tarpaulins, superstructures) and milk collection trucks. The product can be foamed with suitable equipment. As a floor cleaner, applied by hand or using cleaning machines, calgonit LPR removes even the most difficult dirt.



Cheese forms



calgonit jalu sauer plus

calgonit jalu sauer plus is a liquid, strongly acidic detergent based on nitric acid. calgonit jalu sauer plus is a powerful descaler and has good wetting, cleaning and emulsifying properties due to special surfactants. Special inhibitors in the product prevent formation of nitrous gas and reduce corrosion attack on plastic gaskets. calgonit jalu sauer plus can be used cold and hot and is easily dosed by conductivity. The product is low foaming when used by spray and is easily rinsed off. calgonit jalu sauer plus is suitable for automatic cleaning of pasteurizers, tanks, milk collecting trucks, centrifuges and pipes.

29 kg 
 265 kg 
 780 kg 
 1000 kg 



calgonit A





calgonit A is a phosphoric acid based detergent. The product shows good wetting and removes fat, protein and inorganic deposits like water scale. calgonit A is used for cleaning cheese forms, CIP cleaning of containers, tanks and pipe work as well as for spray application in crate washers. Manual use for cleaning of stainless steel surfaces is possible. calgonit A is low foaming above 30°C, reusable and easily rinsed off.

29 kg 
 280 kg 
 790 kg 

calgonit SMO

calgonit SMO is a liquid, acidic single phase detergent based on organic acids and specific surfactants. The product does not contain phosphates or nitrates, is low foaming and can be dosed by means of conductivity. calgonit SMO shows an excellent cleaning effect on organic and inorganic soils, is reusable and helps to ensure perfect hygienic conditions. calgonit SMO is especially suitable for automatic cleaning milk collecting vessels and raw milk tanks as well as for cheese mould cleaning.




24 kg 
 230 kg 



calgonit LAO



calgonit LAO is a special additive based on active oxygen designed to be used in combination with caustic and acidic cleaning solutions. calgonit LAO is suitable for alkaline cleaning milk collecting trucks and cheese forms. calgonit LAO effectively stabilizes water hardness and suppresses disturbing foam. calgonit LAO also improves the detergency of acidic products, especially of nitric acid.

25 kg 
 230 kg 
 670 kg 

calgonit SN 578

calgonit SN 578 is a liquid, high acidic product with hydrogen peroxide based on nitric acid. It is suitable for automatic cleaning of pipe work, storage tanks, moulds and boxes. The product is low foaming, can be dosed by conductivity and is easily rinsed off. The high amount of hydrogen peroxide boosts the cleaning performance significantly.


23 kg 
 230 kg 
 690 kg 
 1000 kg 





Filling plants



calgonit AF 108

22 kg  calgonit AF 108 is a mildly alkaline general purpose cleaner. The product is suitable for manual, foam or soak applications and effectively removes fat, oil and protein deposits. calgonit AF 108 contains organic chelates to bind water hardness and is non corrosive against most materials. Due to its special composition the product is easily rinsed off and does not form white deposits often found with silicated detergents.

200 kg 

600 kg 




calgonit AF 106



calgonit AF 106 is a mildly alkaline general purpose cleaner. The product is suitable for manual or foam applications and effectively removes fat, oil and protein deposits. calgonit AF 106 is non corrosive, forms a stable foam and is easily rinsed off.

 22 kg

calgonit AN 190


23 kg  calgonit AN 190 is a liquid, mildly alkaline detergent specifically developed for cleaning of filling and packing machines. The product can be used manually or for spray cleaning at temperatures above 40°C. calgonit AN 190 is non corrosive and low foaming. The product is based on biodegradable chelates and contains surfactants with excellent fat solving and wetting properties.





Box/crate cleaning



calgonit RT spezial

30 kg  calgonit RT spezial is a highly concentrated caustic detergent with defoamer. The product is especially suitable for hot circulation and spray cleaning of tanks, pasteurisers, pipe work and containers. calgonit RT spezial does not foam when applied above 40°C and is easily dosed by conductivity.

290 kg 

840 kg 




calgonit AN 195



calgonit AN 195 has specifically been developed for the cleaning of plastic surfaces in the food and beverage industry. calgonit AN 195 is especially suitable for the automatic cleaning of plastic crates and is not foaming when used at temperatures above 40°C. calgonit AN 195 accelerates drainage, gives surfaces a long-term antistatic effect and reduces re-soiling. calgonit AN 195 may be combined with other alkaline detergents for spray application and can be used for manual cleaning of plastic surfaces. calgonit AN 195 can be added to the rinse water of plastic crate washing processes to intensify the antistatic effect, provided there is no direct food contact.

 22 kg

 210 kg


 600 kg


 1000 kg

Personal hygiene



calgonit HA 026

12 x 1 L  calgonit HA 026 is a ready-to-use, liquid lotion for hand cleaning and decontamination. The use of calgonit HA 026 essentially improves hand hygiene of personnel handling food in production.



5 L  calgonit HA 026 is suitable for regularly cleaning of soiled hands, especially before hand sanitizing.




calgonit Handreiniger geruchsneutral



calgonit Handreiniger has a strong cleaning effect, is pH-neutral and lipid regulating, whereby an excellent skin tolerance is achieved. calgonit Handreiniger doesn't leave soap- and soil residues in sinks and is economic in use.

 12 x 1 L
 5 L

calgonit Hautschutzlotion

6 x 500 ml  calgonit Hautschutzlotion is a low fattening and quickly absorbing protection and care lotion for stressed skin. The product cares, soothes and smoothes the skin. The lotion is easy to apply and provides a pleasant skin sensation. calgonit Hautschutzlotion is suitable for protection of heavily demanded skin which is regular in contact with degreasing detergents. It's ideal for areas where skin care and protection in connection with quick absorbance is necessary.





Disinfection


calgonit Des-H*




Personal hygiene is an important and essentially component in hygienically sensitive areas in the food and other industries. The required reduction of bacteria in the production and packing areas is mostly achieved by using a hand disinfection. Products for hand disinfection need a good skin tolerance, short contact time and broad spectrum kill. calgonit Des-H meets this requirements. calgonit Des-H contains neither ethanol nor raw materials of animal origin. Thus calgonit Des-H meets the Kosher and Halal requirements in the food processing industry.

 12 x 1 L
 5 L

calgonit Des-HE*

12 x 1 L  Personal hygiene is an important and essentially component in hygienically sensitive areas in the food and other industries. The required reduction of bacteria in the production and packing areas is mostly achieved by using a hand disinfection. Products for hand disinfection need a good skin tolerance, short contact time and broad spectrum kill. calgonit Des-HE meets this requirements. It reliably kills bacteria, yeasts and enveloped viruses like the Coronavirus. The product is based on a formulation recommended by the WHO. calgonit Des-HE contains ethanol of biological origin and has a characteristic odor depending on the manufacturing process.

5 kg 



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



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

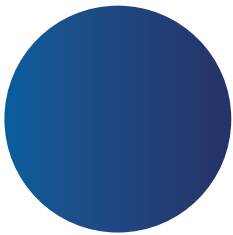
...regularly monitors adherence to specifications by determining the concentrations used and the success achieved

...documents these monitoring results

- ✓ service report per visit

Colour concept

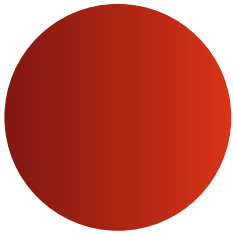
We have developed a colour concept to improve safety while working with Calvatis products. This makes it possible to determine the type of product from the colour of the canister and the labels. It makes handling our products much easier and also promotes increased safety during processing.



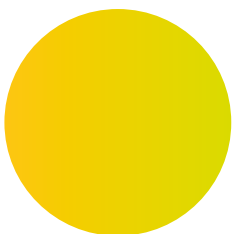
Alkaline



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!



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