

Iodine-based dip



Calvatis and bio-compliant

Organic farming is becoming more and more important as consumers are increasingly demanding organic products. The regulations for organic farming of the European Union EC 834/2007 and EC 889/2008 specify the conditions which an agricultural product must meet in order to obtain the EU organic seal.

Here are defined which cleansing and disinfecting products may be used, however there is no procedure which will allow these products to be given an organic seal. For this reason, we closed the gap ourselves and developed a company-internal logo in order to easily recognise bio-compliant products.



The regulations for organic farming mainly mentions products based on low-processed basic chemicals such as sodium hydroxide, sodium hypochlorite, mineral acids, organic acids and similar substances as bio-compliant.

This requirement is suspended in very sensitive areas, such as the cleansing and disinfection of milking equipment and the cow's teats, where the product evolution, together with the processes in operation, has reached a very high level. The wash-activated substances contained in our products meet the requirements of the Detergents regulation (EC) No. 648/2004 with regards to their biodegradability.

With the Calvatis Bio-konform logo, you can quickly and safely recognise suitable products for organic farming according to EU directives.

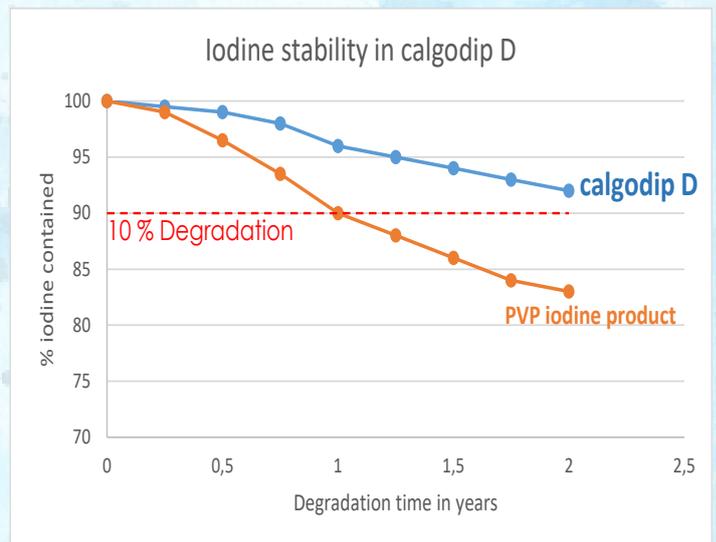
The products meet the requirements for use in organic farming in accordance with the regulations EC 834/2007 and EC 889/2008. For the cleaning and disinfection of milking facilities and the cow's teats, all types of detergents and disinfectants are permitted.

How iodine works



Pure iodine consists of shiny metallic black crystals that turn into a violet gas when heated slightly. It has a characteristic odour and due to its reactivity, an excellent disinfection performance.

By way of a so-called iodophore, "iodine carrier", the iodine can be dissolved in water and kept stable. The iodophore system in the calgodip dipping agents was developed in such a way that there is only a gentle bond between iodine and iodophore. The iodine is kept in solution and stabilised, but only to the extent that it becomes available for a reactant such as a harmful bacteria. The old PVP iodine system, on the other hand, has a significantly stronger hold on the iodine, therefore the disinfection performance is lower due to the strong position of the two partners iodine and PVP. Interestingly, the long-term stability of the two systems has an opposite effect on bond strength. It is believed that PVP iodine is more stable, but studies have shown that the strong binding to PVP also changes the properties of the iodine itself, causing it to decompose faster without having a disinfecting performance. The PVP-free calgodip iodophore system, on the other hand, keeps the iodine as natural as possible, and unaffected by the iodophore, so that the calgodip dipping agents remain at their highest disinfection performance for two full years.



The mechanism of action of iodine could not be broader. It acts both oxidatively such as chlorine dioxide, as well as substituting, thus transferring iodine as an element. Iodine reacts with the shell of harmful organisms, but sometimes also seeps into them unchanged, so that the effect takes place from the inside out and thus reaches all cell components from inside and outside.

Iodine has no temperature dependency in its effectiveness, which means that it works at its highest efficiency even in winter. Even if the dipping agent in some places of the teat should be a little colder, it remains at its highest performance. Iodine dipping agent can only be stopped by completely freezing it to a single lump of ice.



calgodip D 1200*

The gentle germ killer

Properties:

calgodip D 1200 is a ready-to-use udder dip and care with disinfection effect on the application after milking. It closes the teat canal and protects against the penetration of bacteria. calgodip D 1200 contains effective skincare components that, when used regularly, make the teat skin smooth and supple, thus maintaining the good condition of the udder.

Application:

After milking.

Application of the ready-to-use **calgodip D 1200** with a suitable dip cup or sprayer.

- ✓ Ready-to-use solution
- ✓ Protects and cares
- ✓ With skin protection
- ✓ Sprayable

Active ingredients:

Surfactants, glycerine, iodine

Technical information:

Form: liquid

Colour: brown

Odour: like iodine

Container sizes:

20 kg, 200 kg



This product was added to the list of resources for organic farming in Germany



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



calgodip D 3000*



The top seller for spraying

Properties:

calgodip D 3000 is an iodine-containing, ready-to-use udder and conditioner for use after milking. It closes the teat canal and protects against the penetration of bacteria. calgodip D 3000 makes the teat skin germ-free, thus preventing germ transmission and ensuring udder health. Calgodip D 3000 contains a high proportion of skin care components that, when used regularly, make the teat skin smooth and supple and thus maintain the good condition of the udder.

Application:

After each milking.

Application of the ready-to-use **calgodip D 3000** with a suitable dip cup or sprayer.

- ✓ Cares and disinfects
- ✓ Excellent adhesion of the spray mist
- ✓ Ready-to-use, sprayable solution with skin protection

Active ingredients:

Surfactants, care substances, glycerine, iodine

Technical information:

Form: liquid

Colour: brown

Odour: like iodine

Container sizes:

20 kg, 200 kg



InfoXgen®



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calgodip D 3000 Film*



The top seller for dipping

Properties:

calgodip D 3000 Film is an iodine-containing, ready-to-use udder and care substance for use after milking. It closes the teat canal by forming a drip-free film and protects against the penetration of bacteria. calgodip D 3000 Film makes the teat skin germ-free, thus preventing germ transmission and ensuring udder health. calgodip D 3000 Film contains a high proportion of skin care components that, when used regularly, make the teat skin smooth and supple and thus maintain the good condition of the udder.

Application:

After each milking.

Application of the ready-to-use **calgodip D 3000 Film** with a suitable dip cup or sprayer.

- ✓ With aloe vera
- ✓ Cares and disinfects
- ✓ With skin protection
- ✓ No dripping off from teat

Active ingredients:

iodine, surfactants, care substances, glycerine

Technical information:

Form: liquid

Colour: brown

Odour: like iodine

Container sizes:

20 kg, 200 kg



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This product was added to the list of resources for organic farming in Germany



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calgodip D 5000*



The imperial germ destroyer

Properties:

calgodip D 5000 is an iodine-containing, ready-to-use udder and conditioner for use after milking. It closes the teat canal by forming a drip-free film and protects against the penetration of bacteria. It makes the teat skin germ-free, thus preventing germ transmission and ensuring udder health. calgodip D 5000 contains a high proportion of skin care components that, when used regularly, make the teat skin smooth and supple and thus maintain the good condition of the udder.

Application:

After each milking.
Application of the ready-to-use **calgodip D 5000** with a suitable dip cup.

- ✓ Cares and disinfects
- ✓ With aloe vera
- ✓ No dripping off from teat

Active ingredients:

Iodine, surfactants, care substances

Technical information:

Form: liquid
Colour: brown
Odour: like iodine

Container sizes:

20 kg, 200 kg



InfoXgen®



This product was added to the list of resources for organic farming in Germany



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SIMPLYGOODCHEMISTRY

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