

# Nova Dip

Use biocides safely. Always read the label and product information before use.



<b>PRODUCT TYPE</b>	Teat disinfectant
<b>APPLICATION</b>	Nova Dip is a concentrated teat disinfectant to be used in animal husbandry. Is used as dip or spray in diluted form immediately after milking.
<b>PROPERTIES</b>	Nova Dip is based on PVP iodine and glycerin, which soften the teat skin and provide protection between milkings. The product has bactericide and yeasticidal effect.
<b>STORAGE</b>	Keep in original container. Store the product away from direct sunlight in opaque containers. Keep separate from food, feedstuffs, fertilisers and other sensitive material. Store above freezing. Storage: 0 -30 °C Durability: 24 months
<b>APPROVAL</b>	Teat disinfection product for milkable animals (cows, buffaloes, sheep, goats) for use after milking. Authorisation number: EU-0019757-0001 1-1  Authorisation holder: Novadan ApS Platinvej 21 6000 Kolding Denmark  Type of formulation: SL — Soluble concentrate User categories: Trained professional
<b>SAFETY</b>	Please refer to the label and safety data sheet for information on safe use, handling and transport of the product. Wear protective chemical resistant gloves when applying the product by manual spraying. Glove material: Butyl rubber / Neoprene / Nitrile. (EN 374) After skin contact: Rinse with water. Remove contaminated clothing and shoes. Seek medical advice if any skin reaction/or discomfort occurs. After eye contact: Immediately rinse with water (at least 15 minutes). Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if any discomfort continues. If medical advice is needed, have product container or label at hand.
<b>ECOLOGICAL INFO.</b>	Prevent run-off from entering drains, sewers or waterways. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Dike to collect larger liquid spills. Contain and/or absorb spill with inert material, then place in closed and suitable container for disposal according to regulations. Do not place spilled materials back into the original container. No evidence for endocrine disrupting properties.
<b>DISPOSAL</b>	Dispose unused product and the packaging in accordance with local requirements. Used product can be flushed to the municipal sewer or disposed to the manure deposit depending on local requirements. Avoid release to an individual waste water treatment plant. Empty containers are rinsed with plenty of water and disposed to normal or commercial waste. The paper towels used for the cleaning of teats are disposed in the normal rubbish. Do not re-use container for any purpose.

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<b>PACKAGING</b>	Plastic jerrican	0,5L, 5L, 10L, 20L, 60L
	Plastic drum	200 L
	IBC	1000L

## PRODUCTDATA

Colour	Red brown.
Physical state	Fluid.
Odour	Chemical.
Bulk density	~ 1,10 kg/l
pH Concentrate	~ 4,5
pH (Aqueous solution)	~ 4,5

## INSTRUCTIONS AND DOSAGE

Dilute the concentrated product by decanting or pumping.  
The concentrate is to be diluted 1:4. (1 part of Nova Dip to 4 parts of water).  
Can be used 1-3 times per day.

Dosage per treatment:  
Cows and buffaloes: 4 ml/animal  
Sheep: 2 ml/animal  
Goats: 3 ml/animal

The products must be brought to temperatures above 20°C before use.  
The use of a dosing pump for filling the product into the application equipment is recommended.

To ensure sufficient contact time, care should be taken that the product is not removed after application. Leave the product on the teats and keep the animals standing for at least five minutes after treatment for post-milking disinfection.

### Manual dipping (concentrate)

Fill the reservoir with the diluted concentrate and screw the dip cup on top. Clean the teats carefully by wiping with a single service paper towel/cloth immediately before milking.  
After milking, squeeze the reservoir and put the dip cup over each teat from below making sure that the full length of the teat is immersed into the disinfectant. Top up with fresh disinfectant by squeezing the reservoir as needed. After disinfection, empty the reservoir and clean reservoir and dip cup by rinsing with water.

### Automated dipping (concentrate)

Open a can containing the diluted concentrate and insert the suction tube of the automated dipping-system.  
Before milking clean teats carefully by automatic procedure or manually.  
After milking, the vacuum is shut off and the teat dip is injected into a manifold on the claw piece. The teats are coated with 2-4 ml of dip when the teat cup is withdrawn by the Automatic Cluster Removal (ACR). After the removal of the ACR, every liner of the automated dipping-system is thoroughly rinsed with water and blown out with compressed air. In a final cleaning step after each milking session of the herd, the liners are disinfected (e.g. with a chlorine-based product) and blown out again with compressed air. Afterwards, the milking system is ready for the next milking event. The whole process is automated.

### Manual spraying, trigger sprayer (concentrate)

Fill the reservoir with the diluted concentrate and screw the top of the trigger sprayer on it.  
Clean the teats carefully by wiping with a single service paper towel/cloth immediately before milking.  
After milking, spray the disinfectant on the teats using the trigger sprayer making sure that each teat is covered with the disinfectant. Top up the reservoir with fresh disinfectant as needed.  
After disinfection, empty the reservoir and clean reservoir and sprayer by rinsing with water.

### Manual spraying, electronic sprayer (concentrate)

Open a can containing the diluted concentrate and insert the suction tube of the electronic sprayer.  
Clean the teats carefully by wiping with a single service paper towel/cloth immediately before milking.  
After milking, spray the disinfectant on the teats using the electronic sprayer making sure that each teat is covered with the disinfectant.  
Replace the empty can by a new can as needed.  
After disinfection, put the suction tube system into a bucket of water and rinse the sprayer by pumping the water through the sprayer.

### Automated spraying by robot (concentrate)

Open a can containing the diluted concentrate and insert the suction tube of the robotic milking device.  
The teats are cleaned by robot with automatic brushes. After robotic milking, 2-4 ml of the disinfectant is sprayed automatically onto teats from a cluster arm. Rinsing of the sprayer is automatic.