

## MATERIAL SAFETY DATA SHEET

**PRODUCT NAME:** COWIPES

**PRODUCT CATEGORY:** WIPES

**PRODUCT DESCRIPTION :** These rapid drying, cleansing, sanitizing wipes help control mastitis and promote general udder health; cleans udder and teats without irritating; wipes are impregnated with Allantoin for the skin care.

**1.1 CHEMICAL CHARACTERISATION :** A non-woven fibre wipe impregnated with a solution containing food grade alcohol, Propylene glycol , Chlorhexidine, Methylparaben, EDTA, Alantoina, Deionized water  
(All ingredients are G.R.A.S. – generally regarded as safe.)

**1.2 FORM:**

COLOUR: White wipes

ODOUR: alcohol smell, disinfectant smell.

TASTE: alcohol characteristic

## 2. PHYSICAL AND SAFETY DATA

Ingredient	Cas no	Chemical formula	Physical characteristics	Application
Food grade alcohol	64-17-5	C <sub>2</sub> H <sub>5</sub> OH	1.colorless, sweet smell 2.volatile 3.inflammable near to fire or in high temperature environment 4.Organic matter, solution in water, and other organic solvent, like <a href="#">acetic acid</a> <a href="#">chloroform</a> , <a href="#">diethyl ether</a>	Disinfection, good effective for disinfecting bacteria, germ or fungus
Propylene glycol	57-55-6	CH <sub>2</sub> OHCHOHCH <sub>3</sub> (C <sub>3</sub> H <sub>8</sub> O <sub>2</sub> )	1. Colourless thickness, stable liquid, almost odourless, 2. IN case of contact with eyes, rinse immediately with plenty of water for 10 minutes, and seek doctor 3. inflammable	Moistening agent Softener
Chlorhesidine	55-56-1	C <sub>6</sub> H <sub>4</sub> Cl	1. Colourless or pale yellow liquid, odourless, bitter 2. Miscible with water, alcohol and glycerine, stability 3. IN case of contact with eyes, rinse immediately with plenty of water and seek medical advice	Good effective for disinfecting Gram-negative bacteria, Gram-positive bacteria, some fungi, and some virus. high anti-bacteria ratio

<b>Alantoin</b>	97-59-6	C <sub>4</sub> H <sub>6</sub> O <sub>3</sub> N <sub>4</sub>	<ol style="list-style-type: none"> <li>1. White crystallization powder, odourless and tasteless</li> <li>2. Non-toxic, non-allergic, non-Irritating white crystal</li> </ol>	Improving cell growth, accelerating wound healing Softening keratin
<b>EDTA</b>	60-00-4	C <sub>10</sub> H <sub>16</sub> N <sub>2</sub> O <sub>8</sub>	<ol style="list-style-type: none"> <li>1. White or colourless crystallization powder,</li> <li>2. Not soluble in cold water, alcohol, or common organic solvent</li> </ol>	Detergent Stabilizer
<b>Methylparaben</b>	99-76-3	C <sub>8</sub> H <sub>8</sub> O <sub>3</sub>	<ol style="list-style-type: none"> <li>1. White or colourless crystallization powder,</li> <li>2. Odourless or micro-irritating smell</li> <li>3. IN case of contact with eyes, rinse immediately with plenty of water for 10 minutes, and seek doctor</li> </ol>	Preservatives Effective for disinfecting bacteria, , some fungi, and some virus

### 3. TRANSPORT

Store in a cool dry place in well-filled air-tight containers. Protect from direct sunlight and exposure to heat or naked flame.

### 4. REGULATIONS

For external use only.

**HEALTH HAZARDS :** causes severe eye irritation and skin irritation. Non-toxic by inhalation, in contact with skin or when swallowed. Keep out of reach of children. In case of contact with eyes, nose or mucous membrane, rinse immediately with plenty of cold water for 10 minutes and seek medical advice. If you feel unwell seek medical advice and show the label wherever possible.

**WARNING:** Cowipes may cause allergic reactions in a very small percentage of cases of hypersensitivity, due to the ingredient. Operators should Wear suitable protective clothing and gloves.

**FURTHER INFORMATION:** Over several years of development and use of the product, not a single case of adverse effects related to cowipes has been observed or reported.

### 5. PROTECTIVE MEASURES, STORAGE AND HANDLING

**5.1 TECHNICAL MEASURES:** Keep container tightly closed and dry in a cool place. Ensure adequate ventilation of the working area.

**5.2 PERSONAL PROTECTION:** Handling and storage – do not get in eyes, nose or mucous membrane. Wear suitable protective clothing and gloves Wash thoroughly after handling in order to keep out of eyes.  
Keep away from heat and open flame.

**5.3 INDUSTRIAL HYGIENE:** Observe normal standard of industrial hygiene for chemicals.

5.4 DISPOSAL: In accordance with local authority regulation, e.g. special waste disposal.

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## **6. MEASURES TO BE TAKEN IN CASE OF ACCIDENTS AND FIRE**

6.1 EXTINGUISHING MEDIA: Carbon dioxide and water.

6.2 FIRST AID: In case of contact, immediately flush eyes with copious amounts of cold water for at least 5 minutes. If ingested, wash out mouth with milk or water and seek medical advice.

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## **7. INFORMATION ON TOXICITY**

Has a very high margin of safety as demonstrated in animal studies.

7.1 DERMAL COMPATIBILITY: Irritating skin, but Non-corrosive in large quantities.

7.2 MUCOUS MEMBRANE COMPATIBILITY: Irritant.

7.3 FURTHER INFORMATION: This product is not harmful to human health. Avoid swallowing or inhaling material.

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## **8. FURTHER INFORMATION**

None of the ingredients used in the manufacture of COWIPES will cause irritations or allergic reactions. They are all GENERALLY REGARDED AS SAFE (GRAS) ingredients.

This information is based on our present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should not be construed as guaranteeing specific properties.

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