

**4HOOVES- alkyl dimethyl benzyl ammonium chloride and didecyl dimethyl ammonium chloride concentrate**

**DeLaval**

*Disclaimer: This drug has not been found by FDA to be safe and effective, and this labeling has not been approved by FDA. For further information about unapproved drugs, click [here](#).*

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**DeLaval 4Hooves**

**Hoof Treatment Concentrate**

For the reduction of prevalence and incidence of digital dermatitis (hairy heel warts), a significant cause of lameness in dairy cows.

**Producto Concentrado Para Tratamiento De Patas**

Para la reducción de la prevalencia e incidencia de la dermatitis digital, causa significativa de cojeras en vacas lecheras

**CONTAINS:** n-alkyl dimethyl benzyl ammonium chloride and didecyl dimethyl ammonium chloride, hydrochloric acid

**OTHER INGREDIENTS:** FD and C Yellow No. 5

**KEEP OUT OF REACH OF CHILDREN**

**! DANGER**

**MANTENER FUERA DEL ALCANCE DE LOS NIÑOS**

**! PELIGRO**

**READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE USING THIS PRODUCT. FOR ADDITIONAL INFORMATION, REFER TO THE MATERIAL SAFETY DATA SHEET AVAILABLE FROM YOUR DELAVAL DEALER.**

**SI USTED NO PUEDE LEER ESTA ETIQUETA, POR FAVOR PIDA A ALGUIEN MAS QUE SE LA LEA ANTES DE USAR ESTE PRODUCTO.**

**Corrosive:** Causes burns to skin, eyes, and mucous membranes. Avoid contact with skin, eyes, and mucous membranes. Wear gloves and goggles when handling this product. Wash thoroughly after handling. Use with adequate ventilation.

**Harmful if swallowed:** Do not take internally. Do not taste or swallow. Swallowing product will cause burns to lining of throat and stomach.

**Flammable liquid and vapor:** Keep away from heat, sparks, and flame. Keep container closed. Use only with adequate ventilation.

**STORAGE AND DISPOSAL**

**THOROUGHLY RINSE ALL MEASURING DEVICES AND STORE OUT OF REACH OF CHILDREN.** Avoid contact with food or feed. Avoid storing near heat or open flame. Keep container tightly closed when not in use. Do not reuse empty container. Rinse container before disposing in safe manner.

**FIRST AID**

**In case of contact:** Immediately flush eyes and skin with plenty of water for at least 15 minutes while removing contaminated clothes and shoes. Get immediate medical attention. Wash clothes before reuse.

**If swallowed:** Do not induce vomiting. Give victim large amounts of milk or water. Get immediate medical attention. Never give anything by mouth to an unconscious person.

**If inhaled:** Immediately move victim to fresh air. Get medical attention.

**CHEM-TREC EMERGENCY NUMBER**

**1-800-424-9300**

**DIRECTIONS FOR USE**

**4HOOVES** is a synergetic mixture of a new generation of quaternary ammonium compounds and acid. **4HOOVES** does not contain antibiotics, formaldehyde, copper sulfate or other heavy metal. With a complete hoof management program, **4HOOVES** is proven to reduce the prevalence and incidence of digital dermatitis.

**Not for human use. Do not use at full strength.** Read and follow label instructions carefully. Dilute according to directions below.

- Consult a veterinarian for proper diagnosis of digital dermatitis before using this product.
- For best results, use this product as part of a complete hoof care program.

**USAGE AND DOSAGE INSTRUCTIONS**

This product needs to be diluted with water and can be used in a footbath or as a spray. The use of pre-bath with DeLaval Hoof Cleaner HC40 is highly recommended.

**Footbath:**

Footbath dilutions are based on treatment of 200 cows, after which it is recommended the footbath solution be discarded and replaced with fresh **4HOOVES** footbath solution. For a 50 gallon footbath, mix thoroughly 0.5 gallons of **4HOOVES** with 49.5 gallons of water (1% solution). For best results, use daily. If gallon capacity of footbath is unknown, use the following formula to calculate the volume of the footbath:

Inside Length (in.) x Inside Width (in.) x Fluid Height (in.) divided by 231 = Gallon Capacity of Footbath

**Spray-On Applications :**

Prepare a fresh solution of **4HOOVES** mixing thoroughly 1 oz with 39 oz of water (2.5% solution). Rinse hooves thoroughly with water or DeLaval Hoof Cleaner HC40 to remove mud and manure. Then thoroughly saturate each hoof and heel of the cow with the solution. Spray until favorable results are observed. Should solution become contaminated, discard and prepare fresh **4HOOVES** spray-on solution.

**DOT SHIPPING NAME:**

UN2920, Corrosive liquid, flammable, n.o.s. (Hydrochloric Acid, Quaternary Ammonium Compound, Ethanol), 8(3), PG II

**CORROSIVE**

**8**

Manufactured for: **DeLaval, Inc.**

11100 N. Congress Avenue

Kansas City, MO 64153

Phone: 816-891-7700

Manufactured by: WestAgro, Inc.

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Disinfectant for hooves  
Desinfectante para patas

1137-EG518

# 4Hooves™

Effective disinfectant for good hoof care  
Desinfectante efectivo para el buen manejo de patas

**ACTIVE INGREDIENTS:**

- n-Alkyl Dimethyl Benzyl Ammonium Chloride..... 16.1%
- Didecyl Dimethyl Ammonium Chloride..... 24.1%
- Hydrochloric Acid..... 8.3%

**1** The hoof care two-step:  
First clean **then disinfect**  
*El cuidado para pezuñas de  
dos etapas en primer  
lugar limpiar y desinfectar*



KEEP OUT OF REACH OF CHILDREN



MANTENER FUERA DEL ALCANCE DE LOS NIÑOS



**1137**  
NDC 55756-137

SI USTED NO PUEDE LEER ESTA ETIQUETA, POR FAVOR PIDA A ALGUIEN MAS QUE SE LA LEA ANTES DE USAR ESTE PRODUCTO

**HAZARD STATEMENTS:**



**CORROSIVE:** Causes severe burns to skin, eyes, and mucous membranes. Avoid contact with skin, eyes, and mucous membranes. Wear protective apron, gloves, and goggles, or face shield when handling this product. Wash thoroughly after handling this product. Use this product with adequate ventilation.  
**Harmful or fatal if swallowed:** Swallowing product will cause severe burns to lining of throat and stomach. Do not taste or swallow.  
**Flammable liquid and vapor:** Keep away from heat, sparks, and flame. Keep container closed. Use only with adequate ventilation. Do not mix this product with products containing chlorine. Deadly chlorine gas will form immediately.

**Fire and explosion hazards.** This product can react with and cause damage to soft metals such as aluminum, copper, brass, or zinc (galvanized) to produce flammable, potentially explosive, gas.

**FIRST AID:**

**If in Eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, and then continue rinsing. Call a **Poison Control Center** or doctor for treatment advice.  
**If Swallowed:** Immediately call a **Poison Control Center** or doctor for treatment advice. Give person large amounts of milk or water if able to swallow. Do not induce vomiting unless told to do so by the **Poison Control Center** or doctor. Do not give anything by mouth to an unconscious person.  
**If on Skin or Clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call **Poison Control Center** or doctor for treatment advice. Wash clothes before reuse.  
**If inhaled:** Immediately move person to fresh air. If person is not breathing, immediately call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a **Poison Control Center** or doctor for treatment advice.

**STORAGE AND DISPOSAL:**

**Thoroughly rinse all measuring devices and store out of reach of children.** Avoid contamination of food or feed. Do not store near chlorinated products. Avoid storing near heat or open flame. Store in cool, dry place. Keep container tightly closed when not in use. Do not reuse empty container. Rinse container before disposing in a safe manner.

Read and understand all instructions before using this product. Additional information on Safety Data Sheet

CHEMTREC EMERGENCY NUMBER: 1-800-424-9300

**USE DIRECTIONS:**

**NOT FOR HUMAN USE. Do not use at full strength. Read and follow label instructions carefully. Dilute according to directions. Consult a veterinarian for proper diagnosis of digital dermatitis before using this product. For best results, use this product as part of a complete hoof care program.**

**4Hooves™** is a synergistic mixture of a new generation of quaternary ammonium compounds and acid. **4Hooves™** does not contain antibiotics, formaldehyde, copper sulfate or any other heavy metal. With a complete hoof management program, **4Hooves™** is proven to reduce the prevalence and incidence of digital dermatitis (hairy heel warts), a significant cause of lameness in dairy cows.

**USAGE AND DOSAGE INSTRUCTIONS:** This product needs to be diluted with water and can be used in a footbath or as a spray. Rotation with DeLaval Hoof Cleaner HC40™ is highly recommended.

**FOOTBATH**

Footbath dilutions are based on 200 cow footbath walk-throughs, after which it is recommended the footbath solution be discarded and replaced with fresh **4Hooves™** footbath solution. For a 50-gallon footbath, mix thoroughly 0.5 gallons of **4Hooves™** with 49.5 gallons of water (1% solution). For best results, footbath daily for optimal hoof hygiene, according to the following protocol:

Use **4Hooves™** 3 to 4 times per week for maintenance, alternating with DeLaval Hoof Cleaner HC40™ on days when **4Hooves™** is not used. In challenging weather conditions or when experiencing outbreaks, increase frequency of **4Hooves™** up to 5 to 7 days per week. In addition, dosage of **4Hooves™** may be increased up to 2.5% for a maximum of two weeks. Monitor incidence of DD closely in these conditions and adjust as necessary within these parameters. Revert to maintenance dosage once DD incidence is under control.

If gallon capacity of footbath is unknown, use the following formula to calculate the volume of the footbath:  
Gallon Capacity of Footbath =  $\frac{\text{Inside Length (in.)} \times \text{Inside Width (in.)} \times \text{Fluid Height (in.)} + 231}{231}$

**SPRAY-ON APPLICATIONS**

Prepare a fresh solution of **4Hooves™**, mixing thoroughly 1 ounce with 38 ounces of water (2.5% solution). Rinse hooves thoroughly with water or DeLaval Hoof Cleaner HC40™ to remove mud and manure. Then thoroughly saturate each hoof and heel of the cow with the solution. Spray until favorable results are observed. Should solution become contaminated, discard and prepare fresh **4Hooves™** spray-on solution.

Manufactured for: **DeLaval, Inc.**  
1100 N. Congress Avenue  
Kansas City, MO 64153  
Phone: 816-891-7700  
Manufactured by: WestAgro, Inc.,  
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NET CONTENTS: 55 US GAL.

LOT NO.:

EXP. DATE:



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**UN2920**  
Corrosive liquid, flammable,  
N.O.S. (Hydrochloric Acid,  
Quaternary Ammonium  
Compound, Ethanol)

## 4HOOVES

alkyldimethylbenzylammonium chloride and didecyldimethylammonium chloride concentrate

### Product Information

<b>Product Type</b>	OTC ANIMAL DRUG	<b>Item Code (Source)</b>	NDC:55756-137
<b>Route of Administration</b>	TOPICAL		

### Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
<b>Benzalkonium Chloride</b> (UNII: F5UM2KM3W7) (Benzalkonium - UNII:7N6JUD5X6 Y)	Benzalkonium Chloride	159 g in 1 L
<b>DIDECYLDIMONIUM CHLORIDE</b> (UNII: JXN40O9 Y9B) (DIDECYLDIMONIUM - UNII:Z7F472XQPA)	DIDECYLDIMONIUM CHLORIDE	238.6 g in 1 L

### Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:55756-137-02	56.8 L in 1 DRUM		
2	NDC:55756-137-01	208.2 L in 1 DRUM		
3	NDC:55756-137-27	1040 L in 1 DRUM		

### Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
unapproved drug other		10/01/2011	

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**Labeler** - Delaval (173704867)

**Registrant** - WestAgro, Inc. (069288728)

**Establishment**

Name	Address	ID/FEI	Business Operations
WestAgro, Inc.		147528723	analysis, api manufacture, label, manufacture, pack

**Establishment**

Name	Address	ID/FEI	Business Operations
K Klean dba WestAgro, Inc.		002222368	analysis, api manufacture, label, manufacture, pack

**Establishment**

Name	Address	ID/FEI	Business Operations
WestAgro, Inc.		0446 10 140	analysis, api manufacture, label, manufacture, pack

Revised: 1/2019

Delaval