



Mud Stop

*“Spray & Leave”, Cream & Shampoo
With Anti-Bacterial and Anti-fungal benefits
Instructions for use*

Good Hygiene is essential if you wish to minimise the risks that prolonged exposure to excessive moisture can lead to. The organisms which invade softened or damaged skin are nearly always present in the environment. The use of Mud Stop hygiene products and procedures helps minimise their establishment and spread.

Environment

Move your horse to as dry and clean an area as is available and keep them as dry and sheltered as possible until all signs of damage have disappeared. Regularly clean all grooming equipment and tack that may come into contact with the affected areas. Wash blankets etc and any clothing regularly. Do not cover the horse with anything which may interfere with the free flow of air or trap moisture against the affected area.

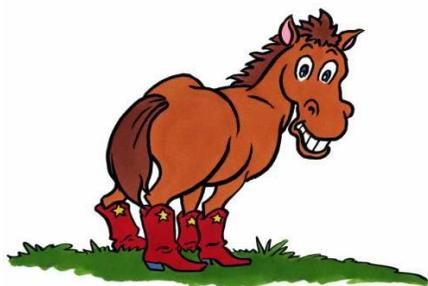
Preparation

In managing Hygiene it's a good idea to prepare a bucket of disinfectant solution before you start! Then if there is any infection present you can directly wash your gloves, hands, scissors etc otherwise you risk transferring a high bacterial load to everything you touch including taps, bottle tops, trigger sprays etc!

If you have them wear rubber gloves. Clean any potentially affected area as well as possible. Take care around any scabs that may be present and detach readily since they may harbour high bacterial loads

Mud Stop Spray

Soak any potentially affected or high risk areas with Mud Fever Relief Spray two or three times a day. There is no need to rub in, just keep your horse quiet for fifteen minutes to let the liquid penetrate. This provides a “hygiene barrier “



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to protect mud softened or damaged skin allowing any necessary natural healing process to take place minimising the risk of recontamination or spreading any problem.

Once any scabs that may have been present have fallen off or have been removed, or if the horse shows little reaction to touching you can apply

Mud Stop Cream

Take a small portion of the cream onto the fingers and smooth gently from about 1 cm (1/2”) from the edge towards the centre of any high risk area. Repeat this until the whole area has been covered. The humectant nature of the cream means it will readily soften into the area it is applied to. It is neither necessary nor beneficial to rub the cream in. You will only increase the risk of spreading any infection around and increase any trauma to your horse. The cream should be applied two or three times a day until one week after obvious signs risk have disappeared. **Wash your hands after use.** A little Mud Stop Cream wiped into the hands and rinsed off after 1 minute is an effective antibacterial hand cleanser for you too!

Mud Stop Shampoo

Its always advisable to wear rubber gloves if there is any risk that there is infection present. Always have a bucket of water or disinfectant available before you start. Then you can rinse your gloved hands, brushes etc directly with no risk of contaminating taps etc

This is a high quality concentrated product. A little goes a long way! If the horse is dry add water at 1-2 times the volume of shampoo as you use it. If the horse is already wet just spread a small portion of soap across the palm surface of the gloves and gently rub in to your horse until you produce a fine lather. Leave for a couple of minutes and then rinse off, taking care to rinse your gloves before you pick up other containers, tools or the hose

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Equitech®

Mud Stop

*Antibacterial Sprays, Cream
and Shampoo*

*To help Control the Effects of Mud
and Moisture*

Excessive exposure to moisture, mud and its consequences are an inevitable part of life in Britain, especially if you're a horse or horse owner! As you will know the effects on your horse and its hooves can be unpleasant, damaging and difficult to manage. In particular a condition commonly known as “Thrush” is widely accepted to be a problem associated with difficulties in hygiene management.

Obviously reducing the exposure to excessive moisture is an ideal start. However if your horse is often out then **Equitech's Hygiene Management System** can help reduce the inevitable risks.

First if you can't stop the water then **control the water activity** on the skin and manage **topical hygiene** by use of Equitech's novel **“Spray on and Leave”** Mud Stop Disinfectant Cleaner or Mud Stop Disinfectant **Cream Cleaner**.

Secondly, where conditions allow, you can use **Mud Stop Disinfectant shampoo**. This is based on the principles behind making medicated handwashes used to clean and reduce microbial contamination in sensitive environments.

Thirdly you can use **Mud Stop Hoof Hygiene Spray** which is a combination of surface active agents for cleansing and two powerful topical disinfectants dispersed in a potent penetrating liquid. Together these help cleanse the hoof, kill topical bacteria and actually pull some of the excess moisture from the difficult to reach risk areas



Control the water activity ? Isn't that just keeping my horse dry?

Well No, although that's not a bad start. Unfortunately, that's also not so easy to achieve especially if your horse must live at grass and there's no good way of keeping their legs dry.

So what is Water Activity?

In many biological systems water exists in a number of forms. It can be bound up in organic molecules, minerals and tissues in it as a normal part of metabolism. This effectively "ties up" some of the water so that the "water activity" in the system is reduced compared to that of pure water.

In fact control of water activity has long been used by animals and man as a way stopping foods spoiling by bacterial degradation. Honey for example is the bees way of storing food in this way. A similar process is at play in jam or cheese making. Interestingly there are mentions of using honey as an ointment or poultice for Mud Fever in the literature. However if you disrupt these systems by adding water to them you will soon find that they are invaded by spoilage micro-organisms because they become excellent nutrient solutions.

So an oil or grease based ointment to keep out water will solve the problem?

Unfortunately this often doesn't work as well as some would have you believe. Whilst it may help keep out water it may also seal in the bacteria and moisture seeping from the damaged tissue. Greases also tend to bind further mud and dirt and potentially encourage an environment where bacteria can continue to flourish. They can also be messy to remove when the area needs to be bathed to clean it from debris.

So what is the alternative?

Use preparations that are designed to help reduce and control the water activity, supporting rather than blocking the natural flow of moisture .. Carefully formulated such products can also assist the included antibacterial disinfectants, helping keep the area clean and any accumulated debris easier to remove.



Equitech Mud Stop Topical Disinfectant Spray is a simple "Spray and Leave" product designed for situations where your horse is tender from trauma or injury and may have scabs etc In some situations vets will say that its necessary to pick the scabs off to allow an area to dry and let anything they prescribe in. However they aren't the ones who have to pick themselves off the stable floor when the horse has expressed its views on this painful procedure! A few days application of **Equitech Topical Disinfectant Spray** two or three times a day can help **soothe and clean without adding more water** to soften the scabs and reduce the problems associated with this procedure. It contains no water, greases or oils. It is composed of high humectancy materials (materials which absorb water and control water activity) and some surface active materials which clean, help soften the scabs and supporting the included antibacterial disinfectant

Equitech Mud Stop Disinfectant Cream has a highly unusual formulation which unlike most ointments and creams **contains virtually no water, oil or greases**. It is again designed to control water activity but has a higher level of surface active materials to help keep the area clean, support the effect of the antibacterial disinfectants and thus provide an environment which supports the natural healing processes. Applied two or three times a day it will help control the accumulation of debris, make it easy to clean with cold or lukewarm water and will help minimise and



clean off any hard scab formation.

This also makes it easy to remove from hands and clothes unlike some greasy preparations. It helps keeps your hands hygienically clean too!

Equitech Mud Stop Disinfectant Shampoo

A high quality shampoo soap with anti bacterial and fungicidal activity that meets two European standards (BS EN1276 and BS EN1499) for efficacy, in a 1 litre pump pack

Just rub in gently with a small quantity of water until a fine lather has been achieved. Leave for just a minute or two then rinse off to leave clean and hygienic skin and hair.

Equitech "Hoof Hygiene Spray"

Good Hygiene is essential if you wish to minimise the risks that prolonged exposure to excessive moisture can lead to. Typical problems present as black necrotic (dead) tissue in the affected area, caused by pathogens found in the yard, stable or pasture. These organisms thrive in wet or decaying material such as mud and manure, decomposing bedding material, etc. Several pathogens cause this problem but they all like dark, damp, airless environments and the deep clefts of the frog make an ideal location. If the hoof is often packed with dirt, mud or manure, lack of air next to the frog and the constant moisture work together to make a perfect situation for them to flourish. A hoof that is always clean and dry will rarely develop high bacterial loads.

Identification

In the early stages, there is merely some dark coloration and grime around the frog, or in spots along the white line, and the accompanying bad odor. If the condition has reached lameness and the presence of large necrotic areas ask your farrier to trim these back and shape the frog to help it self clean. Deeper penetration still may requires veterinary help

Instructions

Move your horse to a sound and as dry an area as possible. Pick out and clean the hooves and frog from any gross blockages and debris. Then, holding the hoof inverted simply spray the hoof and as deep into any crevices as possible. When all the hooves have been treated then leave the horse on dry hard standing for at least half an hour. Can be used daily but repeat at least twice a week until condition resolves