SUPRA PERFECTA

EQUINE WOUND CARE & INFECTION CONTROL

Hypochlorous acid: the body's own defence, ready to use

An SPT hypochlorous acid (HOCl) solution that kills bacteria, viruses, fungi and spores on contact, without stinging or harming healthy tissue.

EN 1656 certified

Veterinary approved

Competition safe



THE CHALLENGE

Infection that heals slowly, and keeps coming back



Slow healing, more scarring

Wounds heal by second intention. Harsh antiseptics and strong iodine damage the very granulation tissue the horse needs to close the wound.



Antimicrobial resistance

Routine antibiotics for skin, hoof and wound infection add AMR pressure and bring withdrawal and competition constraints.



Recurrent, biofilm-driven cases

Mud fever, rain scald, ringworm and white line disease shrug off ordinary washing and return again and again.



Strength versus safety

Disinfectants strong enough to kill tend to sting and harm tissue. Products gentle enough to use freely rarely kill reliably.

THE SCIENCE

The molecule the immune system already uses

When a horse is injured, its own white blood cells produce hypochlorous acid to destroy invading bacteria, viruses, fungi and spores. **SPT delivers that same natural molecule, in a pure and stable form, exactly where it is needed.**

Broad-spectrum kill on contact

Bacteria, viruses, fungi, spores and biofilm.

Gentle on healthy tissue

Skin-neutral pH; does not sting or slow healing.

No resistance, no residue

Biodegrades to salt water; no AMR pressure.

80 – 200x

more effective at killing pathogens than hypochlorite or bleach

Yet safe enough to be licked off the skin.

INDEPENDENT EVIDENCE

Complete kill, proven in the laboratory

The Irish Equine Centre tested SPT's HOCl against ***Rhodococcus equi***, a serious cause of pneumonia in foals. Every concentration produced a total kill.

0

colony-forming units recovered

99.99%+ kill

HOCl conc.	5 min	15 min	1 hour	6 hours
100 ppm	0 cfu	0 cfu	0 cfu	0 cfu
250 ppm	0 cfu	0 cfu	0 cfu	0 cfu
400 ppm	0 cfu	0 cfu	0 cfu	0 cfu
600 ppm	0 cfu	0 cfu	0 cfu	0 cfu

Clean conditions, ready-to-use. Full kill also achieved in dirty (soiled) conditions from 250 ppm.

Source: Irish Equine Centre, Assessment of efficacy against Rhodococcus equi, Prof. Thomas C. Buckley, February 2015. EN 1656 (veterinary chemical disinfectant) certified.

CASE STUDY 01 · COOLMORE STUD

A severe facial wound, healed in ten days

A Coolmore foal ran into a fence post, tearing away a large area of the face. After hypochlorous acid lavage, the wound closed and re-haired within ten days.



Extensive facial trauma



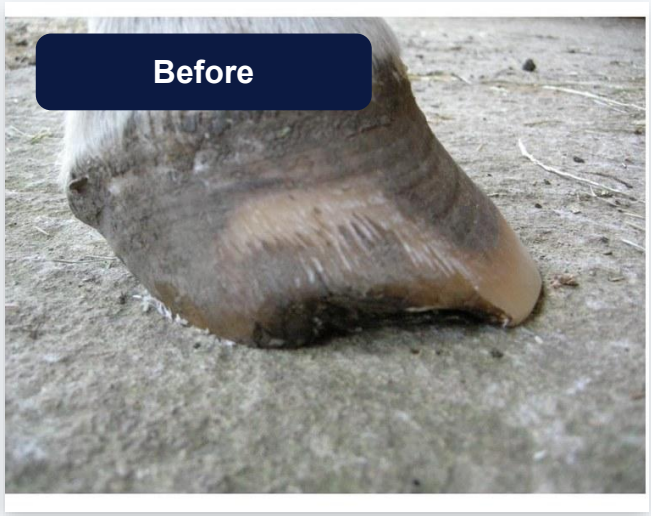
Closed and stapled, clean margins



Healed and re-haired

Reported field case. Images supplied by the treating practice. Presented as field experience, not a claim of treatment or cure.

White line disease resolved, with no recurrence





12 weeks

to full work and soundness, with no reinfection of the hoof capsule.

Presented with lameness and a cavitated, infected hoof wall, the affected area was debrided back to healthy tissue. The exposed laminae were then sprayed with hypochlorous acid **three times daily until hardened.**

Farrier: P. Perryman AWCF. One of an eight-horse series of sub-mural hoof infections managed with debridement and HOCl, where cases had previously failed to respond to conventional treatment.

APPLICATIONS

One solution, right across the yard



Cuts, wounds & lacerations

Flush and dress; supports clean, fast second-intention healing.



Mud fever & rain scald

Cuts through scab and biofilm without scrubbing raw skin.



Ringworm & fungal skin

Broad-spectrum antifungal action on contact.



Hoof: white line, thrush, abscess

Lavage and daily spray to hardened, healthy horn.



Post-operative & wound lavage

Gentle irrigation that does not harm granulation tissue.



Reproductive lavage

Investigational: early proof-of-concept work in mares.

EMERGING APPLICATION · INVESTIGATIONAL

Beyond wounds: uterine lavage and fertility

Lavage is already standard equine practice. The usual protocol of three washes per mare uses lactated Ringer's solution with antibiotics; HOCl can replicate it without the antibiotic, at the usual points in the fertile cycle. Of roughly 5,000 mares foaled in Ireland in 2013, around 20% (about 1,000) needed treatment.

Designed as a proof of concept

With Dr Mark Fife (The Pirbright Institute) and Newmarket Equine Hospital, comparing fertile and non-fertile mares.

Early evidence in barren mares

Existing evidence suggests HOCl lavage may help previously barren mares carry to a full-term, live birth.

Dual action

Reduces the uterine bacterial load while supporting cellular regeneration.

PROVEN AT LOW DOSES

50 – 250 ppm

Active against the key infertility-linked isolates:

- *E. coli*
- *Aspergillus*
- *Clostridium*
- *Salmonella*
- MRSA

Prof. Tom Buckley, Irish Equine Centre

Investigational proof of concept. Not an approved veterinary procedure and not a claim of fertility treatment.

What owners and vets report

Cuts & wounds

“Vets had spent hours putting in four layers of stitches and staples. The mare was flushed with the product three times a day. The results were spectacular, in what was exactly four weeks.”

Pippa Woodall

Ringworm

“I doused him head to toe, and just days later it was drying up and dying off. Amazing. I can't express enough what a fantastic product this is.”

Stephanie Thomas

Mud fever

“I cleaned the area as usual, dried it, then applied the product. The results were clear to see. I now use it on another horse to stop it even occurring.”

Kate Loupart

Field testimonials from equine product literature; individual experiences, not claims of medical treatment or cure.

SIMPLE & SAFE

Ready to use, safe by design

Ready to use

No dilution, no mixing. Spray or lavage straight from the bottle.

Safe if licked

Skin-neutral, non-irritant; use on horses and all mammals.

Kind to tissue

Does not sting or slow healing; no PPE needed in normal use.

Competition safe

Contains no substances banned by the FEI.

No resistance

No AMR pressure; supports antibiotic-reduction goals.

Clean by nature

Biodegrades to salt water; no harsh residues.

SUPRA PERFECTA

THE GLOBAL STANDARD IN DISINFECTION

Promising results, made dependable

Every batch is 95% pure hypochlorous acid with proven long shelf life, made under an accredited quality system. That consistency is what turns strong field results into a product you can stock, recommend and rely on.

95% pure

hypochlorous acid, at scalable volumes

24 months

proven stability, batch after batch

ISO 9001 · 14001 · 45001

quality, environment & safety accredited

Trial packs and distributor terms available. Supra Perfecta · Rotherham, UK · supraperfecta.com

Hypochlorous acid products are biocidal solutions intended for hygiene and infection control. Case studies and testimonials describe individual field experiences and are not claims of medical treatment or cure.