**Botulism Exposed**

- Botulism is often referred to as a “silent killer” in horses.
- One milligram (0.000035 ounce) of toxin can kill a 1,200-pound horse.
- The bacteria that produces the botulism toxin is found naturally in the soil.
- It is difficult to diagnose because its clinical signs often mirror other diseases, such as colic.

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**V E T E R I N A R Y**

**AluSpray®** - Aluminum aerosol bandage for use as a protective barrier against external irritant agents in wounds in horses.
- 08887 - AluSpray 75 g Can

**Aspirin Powder** - An acetylsalicylic acid in powder form to effectively treat a wide variety of minor muscular or joint pains, and to relieve fever.
- 08897 - Flavored Aspirin Powder 1 lb

**BotVax® B** - Injection for the prevention of equine botulism Type B due to Clostridium botulinum in healthy horses.
- 200180 - BotVax B 10 mL Vial
- 200181 - BotVax B 2 mL Vial

**Chondroprotec®** - A sterile solution containing 1000 mg of polysulfated glycosaminoglycan.
- 08820 - Chondroprotec 1000mg/10mL Rx

**EqStim®** - USDA-approved immunostimulant for adjunctive treatment of equine respiratory disease complex (ERDC).
- 08890 - EqStim 5 mL Vial
- 08891 - EqStim 50 mL Vial

**HyCoat®** - A sterile filled solution of hyaluronate sodium for use in horses.
- 08838 - HyCoat 20 mg/2 mL Rx
- 08839 - HyCoat 50 mg/10 mL Rx

**Organic Iodide Powder** - A palatable sugar-based iodine supplement for horses in iodine depleted zones.
- 08858 - Organic Iodide Powder 1 lb

**Spec-tuss** - A guaifenesin powder used as an expectorant in horses.
- 08867 - Spec-Tuss Powder 1lb

**ThyroKare™ Equine Powder** - A levothyroxine sodium powder for use in horses to correct conditions associated with low circulating thyroid hormone (hypothyroidism).
- 09127 - ThyroKare Equine Powder 1 lb Rx
- 09128 - ThyroKare Equine Powder 10 lb Rx

**Tri-Hist® Granules** - An antihistamine/decongestant powder for use when a histamine antagonizing preparation is required in horses.
- 08874 - Tri-Hist 20 oz Rx
Clinical Signs

- Dysphagia (difficulty eating, swallowing)
- Eating slowly
- Reduced tongue tone
- Reduced ability to retract tongue

Prevention is the best defense

BotVax® B is the only USDA-approved Clostridium botulinum Type B toxoid for preventing equine botulism in healthy horses.

VETERINARY

Thiamine Hydrochloride - A sterile filled solution for use as a supplemental source of thiamine in horses.
  - 09083 - Thiamine HCL 500 mg 100 mL Rx

Liver 7 - A sterile filled vitamin B injection for treatment and prevention of deficiencies of B vitamins in horses.
  - 08884 - Liver 7 100mL Rx

Cyanocobalamin 3000mcg - A sterile filled solution for use in managing vitamin B12 deficiencies in horses.
  - 09087 - Vitamin B12 3000 mcg 100 mL Rx

Vita-15™ - A sterile filled solution of vitamin-amino acids for use as a source of nutritional factors in horses.
  - 08882 - Vita-15 100 mL Rx

Vitamin B-150 Complex - A sterile filled solution for use in the treatment of B-complex vitamin deficiencies in horses.
  - 09085 - Vitamin B Complex 150 100 mL Rx

Vitamin K1 Injection - A sterile filled solution for use to treat hypoprothrombinemia induced by ingestion of anticoagulant rodenticides in horses.
  - 09089 - Vitamin K1 100 mL Rx

UNIPRIM®

UNIPRIM® - FDA-approved trimethoprim and sulfadiazine oral antibiotic powder for horses.
  - AUP1200 - UNIPRIM Apple 1200g Jar Rx
  - AUP200 - UNIPRIM Apple 200g Jar Rx
  - AUP2000 - UNIPRIM Apple 2000g Pail Rx
  - AUP375 - UNIPRIM Apple 37.5g Packets Rx
  - AUP400 - UNIPRIM Apple 400g Jar Rx
  - UP1125 - UNIPRIM 1125g Packet Rx
  - UP200 - UNIPRIM 200g Jar Rx
  - UP2000 - UNIPRIM 2000g Pail Rx
  - UP375 - UNIPRIM 37.5g Packets Rx
  - UP400 - UNIPRIM 400g Jar Rx

Clinical Signs

- Weak eyelid tone (droop)
- Poor tail tone
- Weakness
- Recumbency/ inability to rise

Prevention is the best defense

BotVax® B is the only USDA-approved Clostridium botulinum Type B toxoid for preventing equine botulism in healthy horses.

VETERINARY

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Vita-15™ - A sterile filled solution of vitamin-amino acids for use as a source of nutritional factors in horses.
  - 08882 - Vita-15 100 mL Rx

Vitamin B-150 Complex - A sterile filled solution for use in the treatment of B-complex vitamin deficiencies in horses.
  - 09085 - Vitamin B Complex 150 100 mL Rx

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  - 09089 - Vitamin K1 100 mL Rx

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  - AUP2000 - UNIPRIM Apple 2000g Pail Rx
  - AUP375 - UNIPRIM Apple 37.5g Packets Rx
  - AUP400 - UNIPRIM Apple 400g Jar Rx
  - UP1125 - UNIPRIM 1125g Packet Rx
  - UP200 - UNIPRIM 200g Jar Rx
  - UP2000 - UNIPRIM 2000g Pail Rx
  - UP375 - UNIPRIM 37.5g Packets Rx
  - UP400 - UNIPRIM 400g Jar Rx
AluShield™ - Aluminum aerosol bandage for use as a protective barrier against external irritant agents in wounds in horses.

- 79100C - AluShield 75 g Can

Drawing Salve - For use on hooves and skin of horses.

- 79105 - Drawing Salve 14 oz

FURA-ZONE® - FDA-approved 0.2% nitrofurazone ointment for the prevention and treatment of surface bacterial infections and wounds, burns, and cutaneous ulcers in horses. NADA 132-427, Approved by FDA.

- 79103 - FURA-ZONE Ointment 1 lb

Gentle Iodine - Topical antiseptic of 1% titratable iodine for use on horses.

- 79214 - Iodine 1% Gentle 16 oz
- 79215 - Iodine 1% Gentle 1 gal

Kaolin Pectin - Anti-diarrheal solution for use as an aid in the treatment of non-infectious diarrhea in horses.

- 79219 - Kaolin Pectin 1 gal
- 79220 - Kaolin Pectin 32 oz

Mineral Oil - A mild laxative and intestinal lubricant for use in horses.

- 08848 - Mineral Oil Light 70V 1 gal

Milk of Magnesia - For the relief of gastric reflux, sour stomach, acid indigestion, and mild constipation in horses.

- 79135 - Milk of Magnesia 1 gal

PolyLube - A non-sterile, non-spermicidal powder lubricant for obstetrical activities in horses.

- PL114 - Poly-Lube 10 oz
NFZ™ Wound Dressing - FDA-approved 0.2% nitrofurazone ointment for the prevention and treatment of surface bacterial infections and wounds, burns, and cutaneous ulcers in horses. NADA 140-851, Approved by FDA.
- 144995 - NFZ Wound Dressing 16 oz

Scarlet Oil - Wound dressing used to treat simple wounds, cuts and abrasions on horses and mules.
- 79239 - Scarlet Oil 16 oz

Electrolytes also play a key role in transmission of nerve impulses and muscle contraction.
Electrolytes are lost when a horse sweats due to heat, exercise or illness.
Horses with inadequate electrolyte levels are at risk for fatigue and dehydration.
Signs of dehydration include lethargy, depression, trembling, and muscle weakness.

Stress-Dex® Oral Electrolyte Powder

Stress-Dex - Orange flavored oral electrolyte powder used as a supplemental source of calcium, phosphorus, salt and potassium in horses.
- 79174 - Stress-Dex 4 lb
- 79176 - Stress-Dex 12 lb
- 79177 - Stress-Dex 20 lb
**The majority of horses in the U.S. are primarily used for personal use or pleasure riding.**

**Nearly half of all equids in the U.S. are Quarter horses.**

**GENERAL**

**DMSO** - DMSO is used as an anti-inflammatory, an osmotic diuretic and a solvent.
- 08824 - DMSO 90% 16 oz
- 08825 - DMSO 90% 1 gal
- 08826 - DMSO 99% 16 oz
- 08827 - DMSO 99% 1 gal
- 08832 - DMSO Gel 16 oz
- 08833 - DMSO Gel 4 oz

**Alcohol** - For external use only as a topical antiseptic and disinfectant.
- 79200 - Isopropyl Alcohol 70% 1 gal

**Blood Stop Powder** - For use as an aid in control of capillary bleeding from minor cuts and wounds.
- 79204 - Blood Stop Powder 16 oz

**General Lube** - A non-sterile, non-spermicidal viscous lubricant for use during obstetrical and rectal exams.
- 79212 - General Lube 8 oz

**IV Set** - Easy to use IV sets available with 5’ long gum rubber or latex tubing and stainless steel needle.
- 1905 - Dexco IV Set with Gum Rubber Tubing
- 1906 - Simplex IV Set with Gum Rubber Tubing
- 1907 - Dexco IV Set with Latex Tubing

**PolyShield™ trash bags** - Gusseted trash bags made from 2.0 mil brown, translucent polyethylene film.
- PS200 - Polyshield Trash Can Liner 30G 150 ct Roll
Primary Horse Use & Percentage

Personal Use/Pleasure Riding - 47.2%
Farm/Ranch Work - 25%
Breeding - 8.5%
Show/Competition - 8.1%
Retired (not in use) - 4.7%
Racing - 1.8%

93.8% of all types of equids in the US, including mules, ponies and donkeys, consist of full-size horses.

Domestic equids more than 14.2 hands (58 inches) high at the shoulder are considered to be a full-size horse.

USDA/APHIS, Demographics of the U.S. Equine Population, 2015

GENERAL

Scissors - Universal utility scissors offer stainless steel blades and molded plastic handles.
- 7010 - Utility Scissors

Stethoscope - Quality listening device featuring a chrome-plated binaural, and 24” Y-tubing with an overall length of 30”.
- 8820 - Single Head Stethoscope

Thermometer - Ideal’s veterinary thermometers are 5” long and easy-to-read.
- 8207 - Digital Thermometer
- 8208 - Mercury-free Thermometer with Case 1 pk
- TA804C - Digital Thermometer C-Scale with Beeper Case

ProMist’r - Aerosol dispenser designed to disperse a metered spray fragrance to control odors.
- CT79500 - ProMist’r dispenser

Prozap Air Fresheners - Metered aerosol fragrances for use with the ProMist’r Metered Dispenser.
- OCB3010 - Baby Fresh 6.1 oz
- OCB3020 - Citrus 6.1 oz
- OCB3030 - Mango 6.1 oz
- OCB3040 - Bouquet 6.1 oz

To order, call 800-525-2022 (USA/Canada) • inform@neogen.com • animalsafety.neogen.com
Surgical Suture
- Ethicon size 2/0 coated Vicryl suture, 27”, with a tapered CP-1 needle. Absorbable and sterile.
  - 5020 - Vicryl Suture Kit 2/0 with CP-1 Needle

Suture
- Absorbable chromic catgut suture cassettes.
  - CA3 - Catgut Chromic Suture Cassette Size 3 50 m
  - CA4 - Catgut Chromic Suture Cassette Size 4 30 m

Suture
- Sterile, single-use chromic catgut absorbable suture with reverse cutting needle.
  - ZA003M - Chromic Suture Kit 2/0 with Needle 3 pk

Scalpel - Stainless steel surgical blades are sterile and can be used with the Ideal® Scalpel Handle.
  - 2034 - Disposable Scalpel Blades #10 5 pk
  - 2032 - Stainless Steel Scalpel Blades #12 Hooked 10 pk
  - 2031 - Stainless Steel Scalpel Blades #10 Curved 10 pk
  - 2035 - Disposable Scalpel Blades #12 5 pk

Scalpel - Stainless steel scalpel handles can be sterilized and fit blades up to size 15.
  - 2033 - Stainless Steel Scalpel Handle #3 Each
  - TA627 - Stainless Steel Scalpel Handle #4 Each

Scalpel - Ideal® Mini Scalps feature surgical stainless steel blades attached to uniquely designed, easy-to-grasp handles.
  - PN110 - Mini Non-sterile Scalp with #10 Blade 40 ct
  - PN112 - Mini Non-sterile Scalp with #12 Blade 40 ct
  - PN122 - Mini Non-sterile Scalp with #22 Blade 12 ct

Scalpel - Sterile carbon steel surgical blades are individually wrapped and packaged in boxes of 100.
  - TA608 - Carbon Steel Scalpel Blades #10 100 ct
  - TA611 - Carbon Steel Scalpel Blades #12 100 ct
  - TA604 - Carbon Steel Scalpel Blades #20 100 ct
  - TA606 - Carbon Steel Scalpel Blades #22 100 ct
  - TA602 - Carbon Steel Scalpel Blades #24 100 ct

Scalpel - Disposable carbon steel scalpels are individually wrapped and come with a pre-attached surgical blade.
  - TA619 - Disposable Carbon Steel Scalpel with #10 Blade 10 ct
  - TA620 - Disposable Carbon Steel Scalpel with #10 Blade Each
  - TA622 - Disposable Carbon Steel Scalpel with #12 Blade Each
  - TA623 - Disposable Carbon Steel Scalpel with #12 Blade 10 ct
  - TA614 - Disposable Carbon Steel Scalpel with #22 Blade 10 ct

Horses have a very well developed “fight or flight” mechanism. They often react first and think later. Therefore, horses have a well-deserved reputation as being accident-prone.

Depending upon the wound location and the amount of time since it first occurred, you might see some of the following signs:
- Lameness
- Area of dried blood
- Flap of skin hanging off
- Profuse bleeding
- Swelling or puffiness of the surrounding area
- Heat associated with the swelling

Scalpel - Stainless steel surgical blades are sterile and can be used with the Ideal® Scalpel Handle.
  - 2034 - Disposable Scalpel Blades #10 5 pk
  - 2032 - Stainless Steel Scalpel Blades #12 Hooked 10 pk
  - 2031 - Stainless Steel Scalpel Blades #10 Curved 10 pk
  - 2035 - Disposable Scalpel Blades #12 5 pk

Scalpel - Stainless steel scalpel handles can be sterilized and fit blades up to size 15.
  - 2033 - Stainless Steel Scalpel Handle #3 Each
  - TA627 - Stainless Steel Scalpel Handle #4 Each

Scalpel - Ideal® Mini Scalps feature surgical stainless steel blades attached to uniquely designed, easy-to-grasp handles.
  - PN110 - Mini Non-sterile Scalp with #10 Blade 40 ct
  - PN112 - Mini Non-sterile Scalp with #12 Blade 40 ct
  - PN122 - Mini Non-sterile Scalp with #22 Blade 12 ct

Scalpel - Sterile carbon steel surgical blades are individually wrapped and packaged in boxes of 100.
  - TA608 - Carbon Steel Scalpel Blades #10 100 ct
  - TA611 - Carbon Steel Scalpel Blades #12 100 ct
  - TA604 - Carbon Steel Scalpel Blades #20 100 ct
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  - TA622 - Disposable Carbon Steel Scalpel with #12 Blade Each
  - TA623 - Disposable Carbon Steel Scalpel with #12 Blade 10 ct
  - TA614 - Disposable Carbon Steel Scalpel with #22 Blade 10 ct
WOUND CARE

Elastic Adhesive - Stretches easily and conforms to any shape without restriction of movement. Porous and allows skin to breathe.
- TA3103E - Elastic Adhesive Tape 3” Each
- TA3104E - Elastic Adhesive Tape 4” Each

Gauze - Individually wrapped 6 ply rolls of sterile gauze.
- TA4144 - Rolled Gauze 6 Ply 3.4”x3.6 yd

Syrflex Wrap - Self-adhesive bandage wrap that provides consistent lightweight compression and does not tighten with wear. Each roll has 8 pound tensile strength and is individually wrapped.
- TA3200BL-E - SyrFlex Bandage 2” Blue Each
- TA3200HP-E - SyrFlex Bandage 2” Hot Pink Each
- TA3200NAT-E - SyrFlex Bandage 2” Natural Each
- TA3200RED-E - SyrFlex Bandage 2” Red Each
- TA3400BL-E - SyrFlex Bandage 4” Blue Each
- TA3400BLK-E - SyrFlex Bandage 4” Black Each
- TA3400GRN-E - SyrFlex Bandage 4” Green Each
- TA3400HP-E - SyrFlex Bandage 4” Hot Pink Each
- TA3400NAT-E - SyrFlex Bandage 4” Natural Each
- TA3400OR-E - SyrFlex Bandage 4” Orange Each
- TA3400PUR-E - SyrFlex Bandage 4” Purple Each
- TA3400RED-E - SyrFlex Bandage 4” Red Each
- TA3400WH-E - SyrFlex Bandage 4” White Each
- TA3400YEL-E - SyrFlex Bandage 4” Yellow Each
- TA3400CP - SyrFlex Bandage 4” Color Pack 18/bx

Primary reasons to seek your veterinarian’s assistance for a wound:
- Excessive bleeding
- Significant contamination with dirt/debris
- Lameness
- Full-thickness wounds

Following initial stabilization and care of the wound, it may be recommended that the horse be restricted to stall rest.

American College of Veterinary Surgeons, www.acvs.org
In equine veterinary care, gloves protect humans from exposure to harmful organisms, toxins, and pharmaceuticals.

**PROTECTIVE WEAR**

**PolyGown** - Apparel made from lightweight embossed polyethylene film designed for veterinary and livestock applications where minimal protection is needed.
- DG100-L - PolyGown 1.3M Large 15 pk
- DG100-M - PolyGown 1.3M Medium 20 pk

**OB Veterinary Wear** - Apparel made with water resistant, breathable urethane coated nylon fabric that is machine washable. Short sleeve pull over top, pants, button front jacket, adjustable overalls, and shoulder protector are all sold separately.
- VA101-M - OB Suit Top Medium
- VA101-L - OB Suit Top Large
- VA101-XL - OB Suit Top Extra Large
- VA102-M - OB Suit Bottom Medium
- VA102-L - OB Suit Bottom Large
- VA102-XL - OB Suit Bottom Extra Large
- VA301-XL - OB Jacket Extra Large
- VA500-L - OB Gown Large
- VA500-XL - OB Gown Extra Large
- VA600-L - Vet Overalls Large
- VA600-XL - Vet Overalls Extra Large
- VA900-L - OB Shoulder Protector Large

**Boot Covers** - Economical disposable boot covers designed for protective and sanitary use on the farm and veterinary clinics. Boots are 15” tall with elastic closure at top.
- BC200 - Disposable Boot with Elastic Band 2.0M M/L 25 Pairs
- BC200-XL - Disposable Boot with Elastic Band 2.0M XL 25 Pairs
- BC300 - Disposable Boot with Elastic Band 3.0M M/L 25 Pairs
- BC300-XL - Disposable Boot with Elastic Band 3.0M XL 25 Pairs
- BC400 - Disposable Boot with Elastic Band 4.0M M/L 25 Pairs
- BC400-XL - Disposable Boot with Elastic Band 4.0M XL 25 Pairs
- BC600-XL - BC600-XL

**Boot Covers** - Disposable MaxiBoot is made from dark brown blended polymer film with a press-tab fastener at the top. Boots are 18” tall.
- MT400-XL - MaxiBoot with Press-Tab Fastener 4.0M XL 25 Pairs
- MT600 - MaxiBoot with Press-Tab Fastener 6.0M L 15 Pairs

**Boot Covers** - Clear plastic disposable over-the-shoe boot with tie closure.
- TA723 - Polyethylene Overboots with Tie Closure 4.0M 25 Pairs
- TA724 - Polyethylene Overboots with Tie Closure 3.0M 50 Pairs

**Boot Covers** - Disposable protective footwear designed to be easily taken on and off, and offer a textured sole for added traction.
- TB300-L - Treader Bootie 3.0M Large 100 ct
- TB300-J - Treader Bootie 3.0M Jumbo 40 ct
- TB300-XL - Treader Bootie 3.0M Extra Large 40 ct
- TB600-L - Treader Boot with Elastic Band 3.0M Large 40 ct
- TB600-XL - Treader Boot with Elastic Band 3.0M Extra Large 40 ct

**Gloves** - Ideal powder free latex gloves are 4.0 mil thick and provide superior protection at an affordable price.
- AT300PF-S - Gloves Latex Powder Free Small 100ct
- AT300PF-M - Gloves Latex Powder Free Medium 100ct
- AT300PF-L - Gloves Latex Powder Free Large 100ct
- AT300PF-XL - Gloves Latex Powder Free Extra Large 100ct

**Gloves** - Ideal TrueBlack premium nitrile gloves are 5.0 mil thick in the palm and 5.5 mil thick in the fingertips to provide strength and durability for extended use.
- AT450-S - Gloves Nitrile Black Small 100ct
- AT450-M - Gloves Nitrile Black Medium 100ct
- AT450-L - Gloves Nitrile Black Large 100ct
- AT450-XL - Gloves Nitrile Black Extra Large 100ct
Disposable gloves and sleeves are made of different materials with different levels of protection.

Glove protection has several measures.
• Penetration refers to punctures or tears in the glove.
• Permeation describes the ability of a substance to pass through an intact glove without damaging the glove material.
• Degradation indicates alteration of the physical properties of the glove material upon exposure to chemicals.

PROTECTIVE WEAR

Gloves - Ideal TrueBlue premium powder free nitrile gloves are 4.0 mil thick in the palm and 4.5 mil thick in the fingertips to provide durability and sensitivity at an affordable price.

• CB400-S - Gloves Nitrile True Blue Powder Free Small 100 ct
• CB400-M - Gloves Nitrile True Blue Powder Free Medium 100 ct
• CB400-L - Gloves Nitrile True Blue Powder Free Large 100 ct
• CB400-XL - Gloves Nitrile True Blue Powder Free Extra Large 100 ct

Sleeves - Neogen breeding sleeves are available in a variety of thicknesses and lengths, including sterile or non-sterile. With several sizes and packaging options available, Neogen has a sleeve for every OB need.

• 307620 - Genia Extra-Protection OB Sleeve 48" with Neck Strap 50 ct
• 3110 - Standard OB Sleeve 36" 1.25M Clear 10 pk
• 3106 - Standard OB Sleeve 36" 1.25M Clear 100 ct
• BS100 - Breeder-Sleeve® 36" 1.0M Red 100 ct
• BSP100 - Breeder-Sleeve Plus 39" 1.0M Orange 100 ct
• SES100 - EquiSleeve® 36" 1.0M Clear Sterile 12 pk
• ES100 - EquiSleeve 36" 1.0M Clear 100 ct
• SM100 - Maxi Sleeve 39" 1.1M Yellow Sterile 12 pk
• M100 - Maxi Sleeve® 39" 1.1M Yellow 100 ct
• M125 - Maxi Sleeve 39" 1.25M Brown 100 ct
• SM125 - Maxi Sleeve 39" 1.25M Brown Sterile 12 pk
• SM125-F - Maxi Sleeve 39" 1.25M Brown Sterile Fingerless 12 pk
• M125-F - Maxi Sleeve 39" 1.25M Brown Fingerless 100 ct
• SP100 - PolySleeve® 36" 1.1M Sterile 12 pk
• P100 - PolySleeve 36" 1.1M Buff 100 ct
• SP125 - PolySleeve 36" 1.25M Sterile 12 pk
• SP125-S - PolySleeve 36" 1.25M Sterile Small Hand 12 pk
• P125 - PolySleeve 36" 1.25M Blue 100 ct
• P125-S - PolySleeve 36" 1.25M Blue Small Hand 100 ct
• PS151 - PolyShield™ 34" 0.8M Purple 200 ct
• P152-P - PolyPetite™ 36" 1.25M Pink 100 ct
• VGS3090 - PolySem Special Deliverance Sleeve 36" 1.2M Orange 100 ct
• VGT3090 - PolySem Polytactyl 36" 1.3M Yellow 100 ct

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• CB400-M - Gloves Nitrile True Blue Powder Free Medium 100 ct
• CB400-L - Gloves Nitrile True Blue Powder Free Large 100 ct
• CB400-XL - Gloves Nitrile True Blue Powder Free Extra Large 100 ct

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• 3106 - Standard OB Sleeve 36" 1.25M Clear 100 ct
• BS100 - Breeder-Sleeve® 36" 1.0M Red 100 ct
• BSP100 - Breeder-Sleeve Plus 39" 1.0M Orange 100 ct
• SES100 - EquiSleeve® 36" 1.0M Clear Sterile 12 pk
• ES100 - EquiSleeve 36" 1.0M Clear 100 ct
• SM100 - Maxi Sleeve 39" 1.1M Yellow Sterile 12 pk
• M100 - Maxi Sleeve® 39" 1.1M Yellow 100 ct
• M125 - Maxi Sleeve 39" 1.25M Brown 100 ct
• SM125 - Maxi Sleeve 39" 1.25M Brown Sterile 12 pk
• SM125-F - Maxi Sleeve 39" 1.25M Brown Sterile Fingerless 12 pk
• M125-F - Maxi Sleeve 39" 1.25M Brown Fingerless 100 ct
• SP100 - PolySleeve® 36" 1.1M Sterile 12 pk
• P100 - PolySleeve 36" 1.1M Buff 100 ct
• SP125 - PolySleeve 36" 1.25M Sterile 12 pk
• SP125-S - PolySleeve 36" 1.25M Sterile Small Hand 12 pk
• P125 - PolySleeve 36" 1.25M Blue 100 ct
• P125-S - PolySleeve 36" 1.25M Blue Small Hand 100 ct
• PS151 - PolyShield™ 34" 0.8M Purple 200 ct
• P152-P - PolyPetite™ 36" 1.25M Pink 100 ct
• VGS3090 - PolySem Special Deliverance Sleeve 36" 1.2M Orange 100 ct
• VGT3090 - PolySem Polytactyl 36" 1.3M Yellow 100 ct

To order, call 800-525-2022 (USA/Canada) • inform@neogen.com • animalsafety.neogen.com

Equine Disease Quarterly, January 2016, Volume 25, Number 1
Inadvertent puncture of the skin by a needle is termed a “needlestick injury” or “needlestick.”

In one study, 64% of female veterinarians reported 1 or more needle-stick injuries over their career, with vaccines accounting for 50% of the incidents.

**NEEDLES & SYRINGES**

Needles HP - Clear polypropylene hub needles with regular wall stainless steel cannulas. Tamper-evident cartridges are color coded to ISO standard colors.

- 9340 - Polyhub Needles 18Gx3/4" HP 100/bx
- 9341 - Polyhub Needles 18Gx3/4" HP 5 pk
- 9344 - Polyhub Needles 18Gx3/4" HP 25 pk
- 9345 - Polyhub Needles 18Gx1" HP 100/bx
- 9346 - Polyhub Needles 18Gx1" HP 5 pk
- 9355 - Polyhub Needles 18Gx1" HP 25 pk
- 9350 - Polyhub Needles 18Gx1.5" HP 100/bx
- 9351 - Polyhub Needles 18Gx1.5" HP 5 pk
- 9352 - Polyhub Needles 18Gx1.5" HP 25 pk
- 9360 - Polyhub Needles 20Gx1/2" HP 100/bx
- 9361 - Polyhub Needles 20Gx1/2" HP 5 pk
- 9362 - Polyhub Needles 20Gx1/2" HP 25 pk
- 9365 - Polyhub Needles 20Gx3/4" HP 100/bx
- 9366 - Polyhub Needles 20Gx3/4" HP 25 pk
- 9367 - Polyhub Needles 20Gx3/4" HP 5 pk
- 9370 - Polyhub Needles 20Gx1" HP 100/bx
- 9372 - Polyhub Needles 20Gx1" HP 5 pk
- 9374 - Polyhub Needles 20Gx1" HP 25 pk
- 9373 - Polyhub Needles 20Gx1.5" HP 5 pk
- 9375 - Polyhub Needles 20Gx1.5" HP 100/bx
- 9390 - Polyhub Needles 22Gx3/4" HP 100/bx
- 9391 - Polyhub Needles 22Gx3/4" HP 5 pk
- 9392 - Polyhub Needles 22Gx3/4" HP 25 pk
- 9395 - Polyhub Needles 22Gx1" HP 100/bx
- 9396 - Polyhub Needles 22Gx1" HP 25 pk
- 9397 - Polyhub Needles 22Gx1" HP 5 pk

Syringes HP - Premium (hard packed) disposable syringes with clear polypropylene barrels and large, easy-to-read graduations.

- 8861 - 3CC Syringe Luer Slip HP 100/bx
- 8875 - 3CC Syringe Luer Lock HP 100/bx
- 8881 - 6CC Syringe Luer Slip HP 50/bx
- 8882 - 6CC Syringe Luer Lock HP 50/bx
- 8883 - 12CC Syringe Luer Slip HP 80/bx
- 8885 - 12CC Syringe Luer Lock HP 80/bx
- 8889 - 20CC Syringe Luer Slip HP 50/bx
- 8890 - 20CC Syringe Luer Lock HP 50/bx
- 8891 - 35CC Syringe Luer Slip HP 30/bx
- 8892 - 35CC Syringe Luer Lock HP 30/bx
- 8893 - 60CC Syringe Luer Slip HP 20/bx
- 8894 - 60CC Syringe Luer Lock HP 20/bx
- 8895 - 60CC Syringe Catheter Tip HP 20/bx
58% of people reporting a needlestick had been exposed to animal blood, 52% to antimicrobials, 52% to vaccines, and 17% to immobilizing agents.

A survey of companion animal practice owners and managers reported a needlestick frequency (needlesticks/person/3 y period) of 0.45 in veterinarians, 0.17 in veterinary technicians, 0.18 in professional assistants, 0.18 in lay assistants and 0.5 in volunteers.


**NEEDLES & SYRINGES**

Syringes SP - Standard (soft packed) disposable syringes with clear polypropylene barrels and large, easy-to-read graduations.

- 9100 - 3CC Syringe Luer Slip SP 100/bx
- 9170 - 3CC Syringe Luer Lock SP 100/bx
- 9263 - 3CC Syringe Luer Lock SP 6 pk
- 9276 - 3CC Syringe Luer Slip SP 6 pk
- 9110 - 6CC Syringe Luer Slip SP 100/bx
- 9171 - 6CC Syringe Luer Lock SP 100/bx
- 9264 - 6CC Syringe Luer Lock SP 6 pk
- 9271 - 6CC Syringe Luer Slip SP 6 pk
- 9120 - 12CC Syringe Luer Slip SP 100/bx
- 9172 - 12CC Syringe Luer Lock SP 100/bx
- 9265 - 12CC Syringe Luer Lock SP 4 pk
- 9272 - 12CC Syringe Luer Slip SP 4 pk
- 9130 - 20CC Syringe Luer Slip SP 50/bx
- 9173 - 20CC Syringe Luer Lock SP 50/bx
- 9266 - 20CC Syringe Luer Lock SP 4 pk
- 9273 - 20CC Syringe Luer Slip SP 4 pk
- 9140 - 35CC Syringe Luer Slip SP 50/bx
- 9174 - 35CC Syringe Luer Lock SP 50/bx
- 9267 - 35CC Syringe Luer Lock SP 2 pk
- 9274 - 35CC Syringe Luer Slip SP 2 pk
- 9150 - 60CC Syringe Luer Slip SP 25/bx
- 9175 - 60CC Syringe Luer Lock SP 25/bx
- 9268 - 60CC Syringe Luer Lock SP 2 pk
- 9275 - 60CC Syringe Luer Slip SP 2 pk
- 9495 - 60CC Syringe Catheter Tip 2 pk

Syringe Combos - Ideal disposable syringes with needle offer clear polypropylene barrels and large, easy-to-read graduations with a clear polypropylene hub needle. All syringe combinations are color coded to the ISO standard colors.

- 8863 - 3CC Syringe Luer Slip with 20Gx1” HP 100/bx
- 8864 - 3CC Syringe Luer Slip with 22Gx3/4” HP 100/bx
- 8865 - 3CC Syringe Luer Lock with 22Gx3/4” HP 100/bx
- 8866 - 3CC Syringe Luer Lock with 22Gx1” HP 100/bx
- 8877 - 3CC Syringe Luer Lock with 20Gx1” HP 100/bx
- 8884 - 12CC Syringe Luer Slip with 18Gx1” HP 80/bx
- 8886 - 12CC Syringe Luer Lock with 18Gx1” HP 80/bx
- 9184 - 3CC Syringe Luer Lock with 22Gx3/4” SP 3 pk
- 9185 - 3CC Syringe Luer Lock with 22Gx1” SP 3 pk
- 9187 - 12CC Syringe Luer Lock with 18Gx1” SP 3 pk
- 9188 - 12CC Syringe Luer Lock with 20Gx1” SP 3 pk
- 9200 - 3CC Syringe Luer Slip with 20Gx1” SP 100/bx
- 9210 - 3CC Syringe Luer Slip with 22Gx3/4” SP 100/bx
- 9215 - 3CC Syringe Luer Slip with 22Gx1” SP 100/bx
- 9216 - 3CC Syringe Luer Slip with 22Gx1.5” SP 100/bx
- 9250 - 12CC Syringe Luer Slip with 18Gx1” SP 100/bx
- 9280 - 3CC Syringe Luer Lock with 18Gx1.5” SP 100/bx
- 9281 - 3CC Syringe Luer Lock with 20Gx1” SP 100/bx
- 9282 - 3CC Syringe Luer Lock with 20Gx1.5” SP 100/bx
- 9284 - 3CC Syringe Luer Lock with 22Gx3/4” SP 100/bx
- 9285 - 3CC Syringe Luer Lock with 22Gx1” SP 100/bx
- 9287 - 12CC Syringe Luer Lock with 18Gx1” SP 100/bx
- 9288 - 12CC Syringe Luer Lock with 20Gx1” SP 100/bx
- 9289 - 12CC Syringe Luer Lock with 20Gx1.5” SP 100/bx

To order, call 800-525-2022 (USA/Canada) • inform@neogen.com • animalsafety.neogen.com
Insects that feed on blood, such as biting flies, mosquitoes, bots and ticks, can directly impact a horse’s performance and overall well-being.

Biting flies, mosquitoes and ticks can transmit disease, infection and parasites.

**FLY CONTROL**

*Catchmaster®* - Catchmaster fly control products offer effective and economical ways to control flies and other insects using non-toxic, safe, glue-based tapes and traps.

- 908 - Catchmaster GLOstik Flying Insect Trap
- 912 - Catchmaster Gold Stick with Bait 10.5”
- 963 - Catchmaster Gold Stick with Bait 24”
- 9144M4 - Catchmaster Fly Ribbon 4 pk
- 930 - Catchmaster Spider Web Fly Glue Trap
- 931 - Catchmaster Giant Fly Trap Roll
- 948 - Catchmaster Giant Fly Glue Trap 48 pk
- 975-12 - Catchmaster Fly Bag Trap

*Horse Sense®* - Horse Sense Fly Protection products offer superior protection from flies and biting insects in an assortment of styles and sizes.

- 101 - Horse Fly Mask
- 101EX - Horse Fly Mask Extended Nose
- 101SM - Horse Fly Mask Small
- 201 - Horse Fly Mask with Ears
- 201EX - Horse Fly Mask with Ears Extended Nose
- 203 - Horse Fly Mask with Ears Extra Large
- FLW7000 - Fly Leg Wraps 2 pk
- 15002 - Horse Fly Sheet 72”
- 15004 - Horse Fly Sheet 78”
- 15005 - Horse Fly Sheet 81”

*Prozap®* - Prozap insect control products provide a complete line of aerosols, granules, sprays and topicals to help combat any insect issue.

- 1597010 - Prozap Final Fly-T 1 gal
- 1597510 - Prozap Final Fly-T 32 oz
- 1067520 - Prozap Fly-Die Defense 32 oz
- 1777520 - Prozap Fly-Die Equine Spray 32 oz
- 1887530 - Prozap Fly-Die Ultra Equine Spray 32 oz
- 5129710 - Prozap LarvaGuard Mosquito Larvicide Granule 1 lb
- 5129810 - Prozap LarvaGuard Mosquito Larvicide Granule 2.5 lb
- 0073010 - Prozap LD-44T Promist’r Refill 6.5 oz
- 1859510 - Prozap War Paint Insecticidal Paste 96 g
Insects can be a nuisance causing the horse to stomp, bite and flick its tail. This increased stress can quickly lead to health issues that are compounded by the potential transmission of deadly pathogens.

Mosquitoes feed on the blood of horses and can result in significant blood loss. Mosquitoes also transmit deadly viruses including Equine Infectious Anemia (EIA), Western Equine Encephalitis (WEE), and West Nile Virus.

### Grooming

**Horse Sense® Blankets** - Horse Sense Blankets and sheets are designed for warmth and protection. All blankets have removable leg straps and front closures. Sizing is measured from the point of the shoulder to the point of the buttock.

- BL10-83692 - Duck Canvas Blanket 12 oz 69”
- BL10-83722 - Duck Canvas Blanket 12 oz 72”
- BL10-83782 - Duck Canvas Blanket 12 oz 78”
- BL16-84753 - Stable Blanket 75” 420D/400G Hunter Green
- BL16-84813 - Stable Blanket 81” 420D/400G Hunter Green
- BL25-86722 - Rain Sheet 600D 72” Navy
- BL25-86782 - Rain Sheet 600D 78” Navy
- BL26-85722 - Turnout Blanket 72” 600D/200G Navy
- BL26-85782 - Turnout Blanket 78” 600D/200G Navy
- BL26-85783 - Turnout Blanket 78” 600D/200G Hunter Green
- BL27-81722 - Turnout Blanket 72” 1200D/400G Navy
- BL27-81723 - Turnout Blanket 72” 1200D/400G Hunter Green
- BL27-81752 - Turnout Blanket 75” 1200D/400G Navy
- BL27-81782 - Turnout Blanket 78” 1200D/400G Navy
- BL27-81783 - Turnout Blanket 78” 1200D/400G Hunter Green
- BL27-81812 - Turnout Blanket 81” 1200D/400G Navy

**Dental Float** - Easy to use dental float with handle made of wood and shanks made of fabricated metal. Comes with a straight shank, angled shank and two blades.

- 5250 - Dental Float Combination with 2 Blades

**Hoof Care** - Ideal hoof knives are made with contoured, polished steel blades and hardwood handles.

- 9805 - Hoof Knife Right Hand
- 9806 - Hoof Knife Double Sided
- 9807 - Hoof Knife Left Hand
- TA146 - Hoof Tester Pliers

**Polo Wraps** - Polo Leg Wraps are made from 280 gram napped polar fleece that is machine washable with a Velcro closure.

- TA3510BLK - Polo Leg Wrap 4.75” Black 4 pk
- TA3510HG - Polo Leg Wrap 4.75” Hunter Green 4 pk
- TA3510PUR - Polo Leg Wrap 4.75” Purple 4 pk
- TA3510RBL - Polo Leg Wrap 4.75” Royal Blue 4 pk
- TA3510RED - Polo Leg Wrap 4.75” Red 4 pk
- TA3510WH - Polo Leg Wrap 4.75” White 4 pk

**Shampoo** - Super Whitening Shampoo is designed to bring out the maximum whiteness of a horse’s markings, while leaving the coat soft, smooth and sleek.

- 50015 - Super Whitening Shampoo 16 oz
- 78960 - Super Shampoo 1 gal
— NOTES —