

CENTRAL SALES

Celebrating 65 Years!

**Serving the Veterinary Community
Since 1953**



2018

Equine Product Catalogue



CENTRAL SALES

Table of Contents

Area of Focus	Supplier	Products	Page(s)
<u>Pharmaceuticals</u>			
	Vetline Inc.	Equilytes	9
<u>Wound & Skin Care</u>			
	Vetericyn VF	Skin Care Spray, Skin Care Gel	4-5
	HemaBlock	Hemostatic Powder	3
	Addison Labs	Maxi/Guard Zn7 Derm	12
<u>Allergy Testing</u>			
	Spectrum Labs	SPOT Platinum Test	6-8
<u>Supplements</u>			
	Lloyd Incorporated	Bio-Meth	21-22
		Equ-Aid Plus	23-24
		Equ-See	25-26
		Osteo-Form	27-28
		GastroCare	29
		NutriAid, Arthri Aid	30
<u>Oral Care</u>			
	Addison Labs	Maxi/Guard Oral Cleansing Gel	11
<u>Ear Care</u>			
	Vetericyn VF	Otic Rinse	5
<u>Hospital / Medical Supplies</u>			
	MILA	MILACATH, Spinal Needles	13
		Short Term Catheters, Eye Lavage Kit	14
		EquiSet IV Set, Secondary Venoset, Fluid Transfer Set	15
		Extensions Closed Valve, Urinary Catheters	16
		Extensions with MicroClave, Caps	17
	Jupiter Veterinary Products	Floats, Blades for Floats	18
	MAI Animal Health	IV Fluid Set, Speculums	18-19
	Kalayjian Industries	Stomach Tubes, Culture Swabs, Infusion Pipettes	18-19
	Wood Wyant Canada	Pine Oil Disinfectant	19
	Purdue Pharma	Betadine Solution	19
	Cardinal Health Canada	Bandages, Sponges	19
	Eickemeyer	Monitors, Exam Lights, Anesthesia Units, Head Restraint	20



HemaBlock® Veterinary Hemostatic Powder

HemaBlock Vet Pre-Filled Syringe Applicators

Makes it easier for you and your staff to quickly & safely stop bleeding of any type.



Pre-Filled Syringe Applicators: 3-5 extractions or 6cm² + wound area

HemaBlock Vet Hemostatic Powder

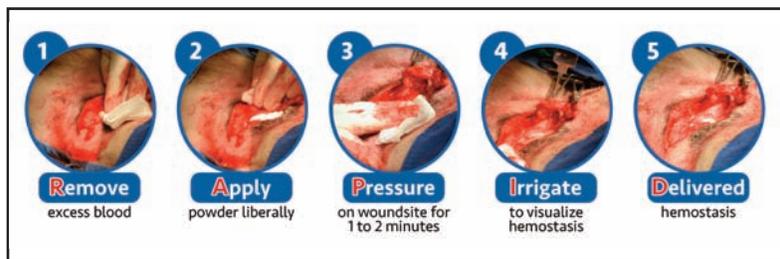
Stops bleeding fast. Put the powder on and apply pressure, it's that easy.



Foil stick pack in resealable tube: Wound coverage of 30cm² + or 25" length suture

R.A.P.I.D. Method is visually illustrated on the back of each box to ensure **RAPID** hemostasis.

One simple step
No mixing
No additional components
No specified storage containers
Easy to apply
Instant clotting



Promotes rapid healing
Accelerates clotting process
Safe for all mammals, birds and reptiles
Resorbable, plant based
Non-toxic
Bactericide
Pain free

Item Code	VP Code	CDMV Code	Description	Vet Price
853-11496	4871000	120938	HemaBlock® Vet Powder 2g	\$18.84
853-11633	4871005	120939	HemaBlock® Pre-filled Syringe Applicator	\$18.24

*for more information visit www.hemablock.com



Available To order through Petscience:
Tel: 1-800-387-2540 Fax: 1-888-437-9999



Vetericyn[®] VF ⁺ plus
for Canada

**EXTRA
STRENGTH**

Formulated for the Professional

NOW AVAILABLE
IN CANADA



The Trusted Choice by Veterinarians Worldwide

Vetericyn supports the natural defenses of the skin to improve the animal's skin and coat health.

Cl-O-H **Advanced Hypochlorous Technology**

Vetericyn[®] VF Plus is a next-generation skin cleanser designed to support the natural defenses of the skin to improve skin and coat health. This pH-balanced solution is used for cleansing, irrigating and debriding skin ailments, which sets the stage for optimum healing conditions and provides an advanced alternative to saline solution. Compatible with the natural hypochlorous produced in the animal's body, Vetericyn[®] VF Plus is as safe as it is powerful.

Hypochlorous Acid is a molecule naturally produced by the animal's immune system. Vetericyn[®] VF Plus contains hypochlorous acid, a preservative that may help inhibit the growth of microorganisms within the solution.

+ Proven Effective + Available in Liquid or Hydrogel

See back for product line and ordering information.



Innovacyn, Inc. | 3546 N Riverside Ave, Rialto, CA 92377 | (866) 318-3116 | www.vetericyn.com | Part No. 922310 v1.0

MADE IN THE USA

Vetericyn®

Wound and Skin Care Solutions



A VETERINARIAN EXCLUSIVE

CSL Code	VP Code	CDMV Code	Description & Size	Price
257-01052	1403020	117115	VF Skin Care Spray (Cats, Dogs, Horses) 4oz	\$18.99
257-01051	1403022	117114	VF Skin Care Spray (Cats, Dogs, Horses) 8oz	\$24.61
257-01050	1403024	117113	VF Skin Care Spray (Cats, Dogs, Horses) 16oz	\$32.34
257-01055	1403028	118285	VF Skin Care Gel (Cats, Dogs, Horses) 4 oz	\$21.09
257-01054	1403032	118286	VF Skin Care Gel (Cats, Dogs, Horses) 8 oz	\$28.80
257-01053	1403034	118287	VF Skin Care Gel (Cats, Dogs, Horses) 16 oz	\$37.49
257-01062	1403026	117112	VF Otic Rinse (Cats, Dogs, Horses) 4oz	\$18.99

Available at your local veterinary distributors:



serum
allergy
testing &
treatment

THE ULTIMATE PACKAGE for
EQUINE ALLERGY MANAGEMENT & THERAPY

 **SPOT**Platinum™

IN-VITRO TESTING

The Ultimate SPOT Package for Equine Patients

A total of 86 allergens are tested from the following panels:

• Regional Panel:

44 regional inhalant allergens including Grasses, Weeds and Shrubs, Trees, Grain Mixes, Barn Dust, Epidermals, Shavings, Leather, Jute/Sisal, Wool and Cotton.

• Food Panel:

12 specific equine food ingredients namely: Alfalfa, Barley, Corn, Cottonseed, Linseed, Milo, Oats, Pasture Mix, Soybean, Wheat, Clover Mix and Beet Pulp.

• Mold Panel:

The following 24 molds are tested: Smut mix, Curvularia, Hormodendrum, Helminthosporium, Stemphilium, Candida albicans, Monilia, Cephalosporium, Mucor mix, Trichoderma, Rhizopus, Chaetomium, Phoma, Rhodotorula, Botrytis, Epicoccum, Fusarium, Pullularia, Aspergillus, Nigrospora, Alternaria, Penicillium, Saccharomyces, and Cephalothecium.

• Biting Insect Panel:

Horses exhibiting signs of urticaria are commonly affected by biting insects. The biting insect panel tests for sensitivity to six insects including: Culicoides, Mosquito, Stable fly, Deer fly, Horse

STEROIDS AND TESTING

Several studies have shown that in normal therapeutic doses, steroids have minimal immunosuppressive effect. Therefore, levels of IgE remain the same whether an animal is on steroids at the time of the blood draw or not. Steroids play a role in preventing the degranulation of mast cells and basophils and hence the need to have an animal withdrawn from steroid therapy prior to tests that rely on such degranulation for their results (such as intradermal skin testing). In-vitro allergy tests measure levels of allergen specific IgE and are therefore totally unaffected by the presence of steroids.



Can horses really have
A L L E R G I E S ?

*Horses are just as likely as
people to have allergies.*

In fact, more than 30% of all skin and respiratory problems in horses can be attributed to allergies. Allergic reactions are caused by normal substances in the air. Everything from pollen, mold, insects and food can be classified as allergens. It is important to accurately identify the specific allergens that are causing the horse to suffer.

COMMON SYMPTOMS:

respiratory symptoms:

- persistent cough
- audible wheezing
- heaves

dermatologic symptoms

- general skin irritation/hair loss
- urticaria (hives)
- sweet itch ("summer eczema")

gastrointestinal symptoms





DO I NEED TO GO THROUGH MY VETERINARIAN TO HAVE MY HORSE TESTED?

Yes. Your veterinarian will decide if allergy testing is indicated for your horse. Testing involves your Veterinarian drawing a small amount of blood and sending the sample to Spectrum Labs, where the serum will be tested for sensitivity to a variety of allergens common to your region. Our test results will identify the specific allergens that are causing your horse to suffer and allow you to make environmental adjustments and if necessary treatment recommendations from there.

WHAT DOES "TREATMENT" CONSIST OF?

Hyposensitization is often the best, safest and most successful treatment option available for allergies, especially when avoidance isn't possible. Treatment can be administered as allergy shots or allergy drops. It is best to talk with your Veterinarian once you have

determined allergies to be the root cause of your horse's symptoms and once you have obtained the allergy report. Regardless of the chosen option, treatment is administered over a period of time to allow your horse's immune system to develop a tolerance to its offending allergens. Improvement in allergy symptoms generally appear three to five months into treatment.

WHAT WILL HAPPEN IF I CHOOSE NOT TO TREAT MY HORSE'S ALLERGIES?

If left untreated, typically symptoms worsen with age. While steroids may offer temporary relief, long-term or continued use of these drugs have undesirable side effects. The only proven, long-term solution for keeping allergy symptoms under control is the safe and effective allergy-specific hyposensitization that Spectrum Labs provides.

Equine allergies can negatively affect the abilities and performance of competition horses and cause great discomfort in pleasure horses and ponies.

Have a show or performance horse?

Don't worry! Our treatment will not effect their ability to qualify for upcoming competitions.



Serum Allergy Testing
and Treatment Program

Provided by:



allergy testing & treatment specialists



Equilytes

"The BEST Electrolyte replacement available today"

Perfect for every discipline

Equilytes provides your horse with the electrolytes required to keep them performing at their best.

- Rapid Electrolyte Replacement
 - Shortens Recovery Time
 - Prevents Muscle Tie-Up
- Great for hauling to minimize fatigue.
 - Contains Chelatrex



Equilytes are chelated minerals attached to amino acids and provides for efficient absorption. Electrolytes are minerals needed for many reactions within the body. Most important is the stimulation of nerve responses. Low electrolyte levels; slow nerve responses.

Most common electrolytes are: calcium, sodium, potassium and magnesium. They are found in blood serum.

Equilytes can prevent and even reverse "tying up".

Other electrolyte products are not chelated and can take up to 6-8 hrs to be absorbed (which is the same as normal feedings i.e. hay and grain). **Equilytes** can be detected in the blood as soon as ten minutes after ingestion.

Equilytes electrolytes are proven to increase performance and condition.

Proven and Effective

During periods of high stress, and strenuous exercise horses can lose up to 50 grams of electrolytes per hour. Resulting in metabolic imbalances, which can lead to dehydration, muscle cramps, and exhaustion. Leaving your horse unable to perform at their potential.

Problem: How can these electrolytes be effectively and quickly replenished during or after strenuous exercise and stress?

Solution: EQUILYTES

Equilytes is an exclusive chelated amino acid-electrolyte formula that is almost immediately absorbed into the horses blood stream after ingestion.



CSL Code	VP Code	CDMV Code	Description
303-400202			Equilytes Paste 60gm Tube
303-400203			Equilytes 3kg Tub

XXTERRA



XXTERRA: An herbal bloodroot based paste for the treatment of equine sarcoids

It works by stimulating the horses immune system. Subsequently, the horses body “rejects” the sarcoid from the inside out.

The tumor(s) will first become inflamed by the immune response and then they will slough off.

BEFORE

DAY 1

DAY 15

DAY 30

DAY 100



How to use:

Apply XXTERRA (a 3-5 mm thick layer) to the sarcoid daily for 3-4 days.

When a swelling and superficial wound appears, stop applying.

Bandage can be applied if wanted, but not necessary.

Let the scab fall off by itself, do not assist the sloughing.

In up to 20% of cases, the sarcoid can re-appear.

In these cases, repeat the process. Less than 2% of sarcoids re-appear after a second application.

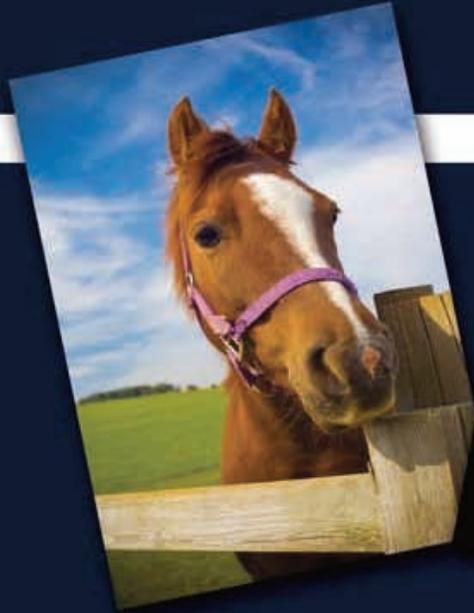
For animal use only.

CSL Code	VP Code	CDMV Code	Description
303-0000	1400980		XXTerra - 57g/2oz.
303-10624			XXTerra - 28g/1oz

Available at your local veterinary distributors:



Equine dental problems? Equine dental solution!



MAXI/GUARD® Oral Cleansing Gel

Aids In The Healing Of:

- Bit sores
- Extraction sites
- Oral injuries
- Abscesses
- Irritations after teeth floating
- Gum inflammation

"I also dispense Oral Gel to owners with horses that have bit sores. It seems to give the horse almost immediate relief from discomfort which allows continued training while the lesions heal. There is no product on the market (human or veterinary) that I have found that performs as well on oral lesions as MAXI/GUARD Gel."

*—Jack Easley, DVM, MS
Shelbyville, Kentucky*

Addison Biological Laboratory, Inc., (800) 331-2530 www.addisonlabs.com



CSL Code: 180-4444 VP Code: 1400936 CDMV Code: 11857



Equine wound problems? Equine wound solution!



MAXI/GUARD® Zn7® Derm

Primary Benefits:

- Promotes healing
- Does not stimulate proud flesh
- Provides relief from itching
- Tissue friendly pH - Does not sting
- Enhanced follicular regeneration
- Can be used on exposed or bandaged areas

Aids In The Healing Of:

- Lacerations and abrasions
- Saddle and bridal sores
- Post surgery cases
- Sunburn
- Sweet itch
- Many other difficult conditions



Day 1 of application



Day 5 of application



Day 15 of application



Day 37 of application

Addison Biological Laboratory, Inc., (800) 331-2530 www.addisonlabs.com



EQUINE
051811

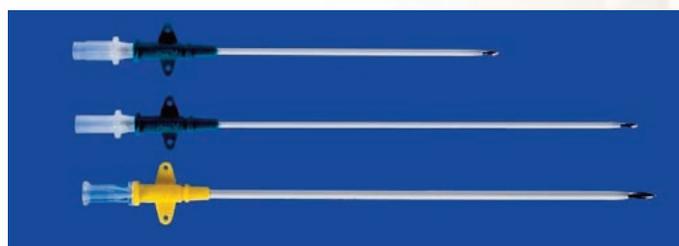
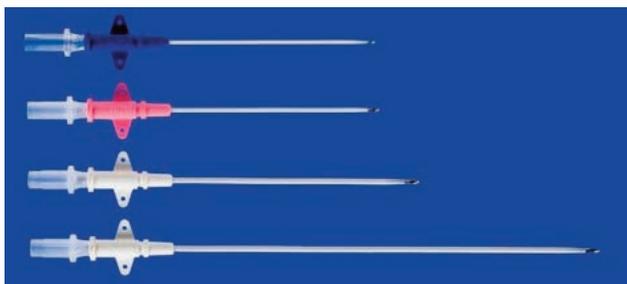
CSL Code: 180-7700

VP Code: 1407365

CDMV Code: 102650



Extended Use MILACATH			
*Kink resistant polyurethane catheter-over-needle			
CSL	VP	CDMV	Description
493-1211	5420298		Extended Use Milacath - 12ga x 13cm (5.25in)
493-1411	5420302		Extended Use Milacath - 14ga x 13cm (5.25in)
493-1403	5420300		Extended Use Milacath - 14ga x 9cm (3.5in)
493-1603	5420310		Extended Use Milacath - 16ga x 7.5cm (3in)
493-1611	5420312		Extended Use Milacath - 16ga x 13cm (5.25in)
493-1811	5420320		Extended Use Milacath - 18ga x 6.25cm (2.5in)
493-2011	5420332		Extended Use Milacath - 20ga x 6.25cm (2.5in)

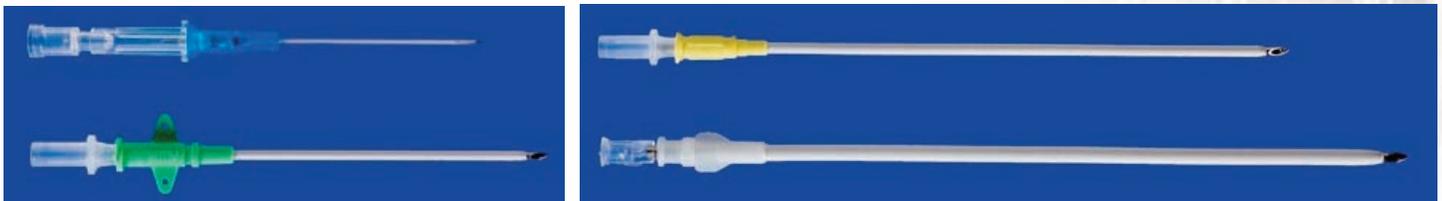


Spinal Needles			
*Spinal needles with marked and notched hub for easy tip orientation			
CSL	VP	CDMV	Description
493-1806	5420952	105965	Spinal Needles - 18ga x 15cm (6in)
493-1808		104846	Spinal Needles - 18ga x 20cm (8.0in)
493-1810			Spinal Needles - 18ga x 25cm (10.0in)
493-2008		109329	Spinal Needles - 20ga x 20cm (8.0in)
493-2206			Spinal Needles - 22ga x 15cm (6.0in)





Short Term Catheters			
*Teflon catheter-over-needle			
CSL	VP	CDMV	Description
493-1412			Short Term Catheters - 14ga x 13cm (5.25in)
493-1212			Short Term Catheters - 12ga x 13cm (5.25in)
493-1006			Short Term Catheters - 10ga x 15cm (6in)



Eye Lavage Kit			
*Features single stick insertion method, for upper or lower eyelid, soft non-irritating disk and tubing, allows application of eye medication away from site, easily used in clinical or farm setting. Kit includes 12ga or 10 degree angled trocar, catheter, eyelid lifter, suture devices, extension tube, luer lock adaptor, tethered cap and MicroClave. Infu-Disk Pump recommended for continuous infusion			
CSL	VP	CDMV	Description
493-6612	5420500		Subpalpebral Eye Lavage Kit - 36in catheter
493-6612L			Subpalpebral Eye Lavage Kit - 60in catheter
493-6613			Subpalpebral Eye Lavage Kit - 36in catheter with Angled Trocar
493-6613L			Subpalpebral Eye Lavage Kit - 60in catheter with Angled Trocar
493-6615			Eye Lavage Repair Kit



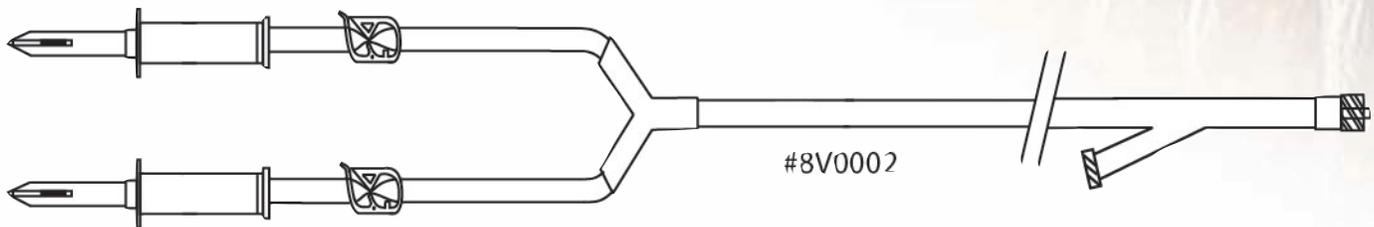
MILA International, Inc.
12 Prince Avenue
Erlanger, KY
41018 USA

For more information including articles and videos please visit us on the web or call us toll free.
Toll free: (888) 645-2468 Web: www.milaint.com

Fluid Collection and Delivery - EquiSet IV Administration Set

*Economical large bore (30Fr x 300cm/120in) non-vented Y-set with 2 spikes, 3 clamps, roller flow adjustment, and spin luer lock adaptor. Needle-free MicroClave injection port

CSL	VP	CDMV	Description
493-8V0002			EquiSet IV Administration Set - 120in



Fluid Collection and Delivery - Secondary Venoset

*Deliver a small amount of medication quickly. This set allows pressurization of a bag or bottle. Replacement for the discontinued Abbott secondary venoset. Tubing length is 23in (58cm)

CSL	VP	CDMV	Description
493-175720			Secondary Venoset - 23in (58cm)



Fluid Collection and Delivery - High Flow Fluid Transfer Set

*Ideal for uterine flush. Includes high flow spike, clamp, and graduated adapter for 20-40Fr tubes

CSL	VP	CDMV	Description
493-175495			High Flow Fluid Transfer - 36in



Extensions with Normally Closed Valve

*Features catheter saving normally closed valve, bi-directional valve for infusion or sampling, high flow or small bore tubing, spin luer lock

CSL	VP	CDMV	Description
493-8518	5420458		High Flow Extension Tube - 13ga x 45cm (18in)
493-8570	5420450		Small Bore T-Set - 16ga x 17cm (7in)
493-8572	5420456	113516	High Flow T-Set - 12ga x 17cm (7in)
493-8575	5420460		Double High Flow T-Set - 12ga x 12.75cm (5in)
493-8585	5420452	113517	Single Small Bore - 16ga x 12.5cm (5in)
493-8590	5420454		Single High Flow - 13ga x 12.5cm (5in)

Foley Urinary Catheters with Wire Stylet

*Radiopaque silicone foley catheter with balloon cuff and wire stylet. Water activated lubricant on 6 French and 8 French sizes

CSL	VP	CDMV	Description
493-UC624		105014	Urinary Foley Catheter - 6Fr x 60cm (24in)
493-UC636		111026	Urinary Foley Catheter - 6Fr x 90cm (36in)
493-UC812			Urinary Foley Catheter - 8Fr x 30cm (12in)
493-UC824		105015	Urinary Foley Catheter - 8Fr x 60cm (24in)
493-UC836		105016	Urinary Foley Catheter - 8Fr x 90cm (36in)
493-UC1018		115588	Urinary Foley Catheter - 10Fr x 93cm (18in)
493-UC1036		105013	Urinary Foley Catheter - 10Fr x 90cm (36in)
493-UC1212			Urinary Foley Catheter - 12Fr x 30cm (12in)
493-UC1221			Urinary Foley Catheter - 12Fr x 55cm (21in)
493-UC149			Urinary Foley Catheter - 14Fr x 23cm (9in)
493-UC1621			Urinary Foley Catheter - 16Fr x 55cm (21in)
493-UC2416			Urinary Foley Catheter - 24Fr x 42cm (16in)
493-UC2459			Urinary Foley Catheter - 24Fr x 150cm (59in)



MILA International, Inc.
12 Prince Avenue
Erlanger, KY
41018 USA

For more information including articles and videos
please visit us on the web or call us toll free.
Toll free: (888) 645-2468 Web: www.milaint.com

Extensions with MicroClave			
*One piece, closed, needle-free connectors			
CSL	VP	CDMV	Description
493-MC44			Smallbore Bifuse "Y" set w/3 clamps
493-MC43			Smallbore T-Set w/dual micro claves (18cm/7in)



Caps			
CSL	VP	CDMV	Description
493-8080			Safety Injection Cap
493-8090		113515	Tethered Cap
493-8095			Needleless Injection Cap



MILA International, Inc.
12 Prince Avenue
Erlanger, KY
41018 USA

For more information including articles and videos
please visit us on the web or call us toll free.
Toll free: (888) 645-2468 Web: www.milaint.com



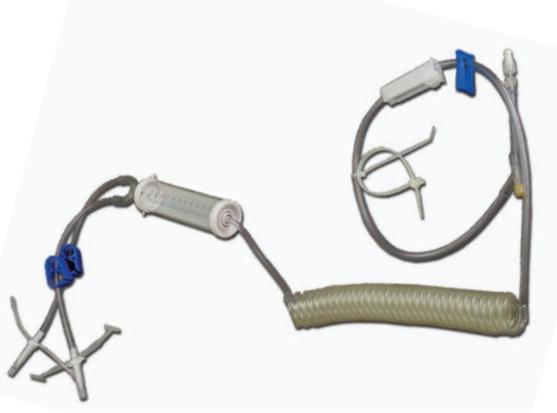
CENTRAL SALES

Hospital / Surgical Supplies

IV Fluid Sets

MAI Animal Health

360-39006 - IV Set, Large Animal, 13FT Line (157")



Stomach Tubes

Foal

Item Code: 425-0100 **VP Code:** 1407072

Small

Item Code: 425-0200 **VP Code:** 1407073

Medium

Item Code: 425-0300 **VP Code:** 1407074

Large

Item Code: 425-0400 **VP Code:** 1407075



Floats



420-0020 - Float, Straight, Jupiter (J10)



420-0016 - Float, Mini Stainless Steel Straight (J16)



420-0015 - Float, Angled Jupiter (J11)



420-0017 - Float, Mini Stainless Steel Angled (J17)



420-1115 - Float, Angled Shortie, No Blade 12" (J15)

Blades for Floats

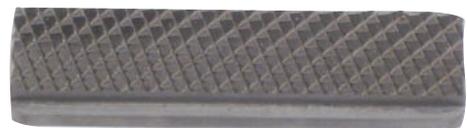


420-0005 Red Dot Jupiter (J20F)

420-0010 - Regular Jupiter (J20X)

420-1116 Mini Speedycut (for J16 & J17 Floats)

420-2222 - Carbide Blade (for J18 & J19 Floats)



420-0057 - Solid Carbide (J575C)



420-1111 - Carbidecut, Jupiter (J21)



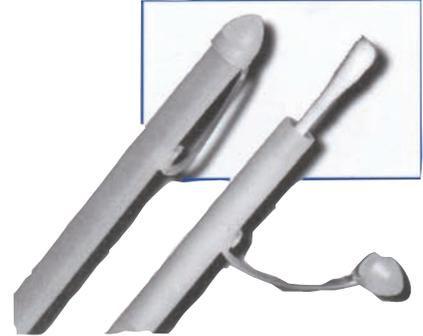
CENTRAL SALES

Hospital / Surgical Supplies

Culture Swabs

Culture Swab KI-3000 30"

Item Code: 425-3000
VP Code: 1401920



Speculums

360-3500 - Vaginal Speculum - Disposable



Disinfecting Solutions

Pine Oil Disinfectant - 4L

Item Code: 899-1502
VP Code: 1400930

Betadine Solution - 500mL

Item Code: 525-5000
VP Code: 1400281



Bandages

Duform Conforming, Knitted 12 Roll/pkg

Item Code: 573-5103 - 3" (7.5cm)
VP Code: 1407437
573-5104 - 4" (10cm)
VP Code: 1407438



Sponges

Versalon 200 Sponges per Bag

2" x 2"
Item Code: 573-9022
VP Code: 1401465

3" x 3"
Item Code: 573-9023
VP Code: 1401466

4" x 4"
Item Code: 573-9024
VP Code: 1401467



Infusion Pipettes

Infusion Pipettes 22", Sterile pack of 25

Item Code: 425-1035
VP Code: 1407076



HIGH QUALITY VETERINARY EQUIPMENT

veterinary technology for life
Eickemeyer®



▲ Multiparameter Monitor LifeVet M

The monitoring system can be used during surgery as well as for diagnostics and can display up to 8 parameters and 13 graphs simultaneously.



▲ NarkoVet Anesthesia Unit

With additional accessories like the wall mounting bracket the unit can be easily transported between locations. Made of stainless steel it impresses with a minimalist design and ensures longevity.



► Mach LED 120 Examination Light

Light up your life with the high quality examination and surgery light with authentic colour rendering to reduce eyestrain and a high life-span of 40,000 hours.



veterinary technology for life
Eickemeyer®

EICKEMEYER
250 Briarhill Dr.
Stratford
Ont. Canada
N5A 7S2

T 519 273 5558
F 519 271 7114
E info@eickemeyer.com
www.eickemeyerveterinary.com



Bio-Meth

Advantages

- Each 400 grams is a 30- to 60-day supply for an adult horse
- Easy and convenient method of supplementation
- Dramatically improves hoof condition

VET-A-MIX offers quality, research-proven nutritional supplements and drug dosage forms designed specifically for horses. All are manufactured under strict quality control guidelines.

All Vet-A-Mix products are available only through licensed veterinarians.



An easy and convenient biotin and DL-methionine powder for horses.



LLOYD, Inc.
800-831-0004
www.lloydinc.com



CENTRAL SALES

Supplements

How Supplied:

400-gram bottlesList No. 0551
2,000-gram bottlesList No. 0553

Indications:

For use as a dietary supplement for horses, as an aid in the prevention of biotin and methionine deficiencies.

Feeding Directions:

Convenient teaspoon measure included in each package. The usual amount per day is:

• Ponies:

7.5 milligrams biotin and 2.5 grams DL-methionine (1 slightly rounded teaspoonful).

• 1,100-pound (500-kg) horse:

15 milligrams biotin and 5 grams DL-methionine (2 slightly rounded teaspoonfuls).

Heavier horses:

30 milligrams biotin and 10 grams DL-methionine (4 slightly rounded teaspoonfuls).

One slightly rounded teaspoonful weighs approximately 3.5 grams and contains 7.5 milligrams biotin and 2.5 grams DL-methionine.

Administration:

Bio-Meth powder can be administered by mixing the daily amount in the concentrate or by top-dressing on grain, preferably rolled or ground. To facilitate proper adhesion to the ration, slightly moisten the grain with water or liquid supplement.

Guaranteed Analysis:

Per 2000g

D-Biotin0.22% 4,400 mg
DL-Methionine 72.3% 1,446,000 mg

Ingredients:

DL-methionine, D-biotin supplement, rice hulls and brown dye.

Hoof Health Maintenance:

Recent studies show that 15 mg of biotin fed daily dramatically improves hoof condition. Usually improvement in hoof horn strength is seen in 3 to 5 months, but biotin supplementation should be continued for 9 to 12 months or more if necessary. Permanent supplementation at a lower nutritional level of biotin may then be adopted to maintain healthy hooves!

¹ Comben, N. Clarke, R.J. Sutherland, D.J.B. *Improving the Integrity of Hoof Horn in Equines by High Dietary Supplementation of Biotin*. Presented at the Annual Congress of the British Equine Veterinary Association, September 1983.

Bio-Meth Powder 400g

Item Code: 800-0551 VP Code: 1400257

Bio-Meth Powder 2kg

Item Code: 800-0553 VP Code: 1400259

Available at your local veterinary distributors:



Equ-Aid Plus

Advantages

- Selenium and vitamin E to help prevent tying-up syndrome
- Lysine to improve growth of foals on low-protein diets
- Biotin and methionine, which are essential for hoof formation
- Zinc, to aid in healthy skin and proper enzyme balance
- Provides a high level of essential unsaturated fatty acids
- Exceptional palatability

Vet-A-Mix offers quality, research-proven nutritional supplements and drug dosage forms designed specifically for horses. All are manufactured under strict quality control guidelines.



**Balanced,
fortified
vitamin and
mineral
supplement
for horses.**



LLOYD, Inc.
800-831-0004
www.lloydinc.com



CENTRAL SALES

Supplements

How Supplied:

5 pound jars List 0097
40 pound pails List 0098

Indications: A vitamin and mineral supplement fortified with selenium, lysine and methionine for horses and ponies.

Feeding Directions: Feed 2 ounces (one heaping measure) per day to colts and adult horses. Ponies and very small breeds should receive proportional amounts. A 1/3 cup measure is enclosed.

Note: Consider selenium concentrations in the total daily feed intake. The total added selenium should not exceed 0.3 mg/kg (0.3 ppm) in the ration or 3.0 mg selenium per horse per day.

Ingredients: Dicalcium phosphate, yeast culture, wheat bran, vegetable oil, sodium tripolyphosphate, salt, L-lysine monohydrochloride, DL-methionine, linseed meal, zinc oxide, ferrous sulfate, calcium phosphate, vitamin E supplement, magnesium oxide, manganous oxide, calcium pantothenate, biotin supplement, thiamine mononitrate, niacin supplement, copper sulfate, vitamin A supplement, monosodium glutamate, ferric oxide, riboflavin supplement, vitamin B₁₂ supplement, corn distiller's dried grain with solubles, mineral oil, vitamin D₃ supplement, pyridoxine HCl, cobalt sulfate, ethylenediamine dihydride, sodium selenite, tetrasodium ethylenediaminetetraacetate, with BHT, BHA, ethoxyquin, propyl gallate, and citric acid, preservatives.

Guaranteed Analysis: (All values are minimum quantities unless otherwise stated.)

	Equ-Aid Plus Per 2 ounces	Per Pound	NAS/NRC* Requirements
Protein:			
DL-methionine.....	1,000 mg.....	1.8%.....	N.E.
L-lysine monohydrate.....	1,000 mg.....	1.8%.....	22,900 mg
Crude Fat:			
Vegetable oils containing not less than 85% unsaturated fatty acids.....	5,670 mg.....	10%	
Minerals:			
Calcium, min.....	4,200 mg.....	7.4%.....	20,000 mg
Calcium, max.....	5,000 mg.....	8.8%	
Phosphorus.....	4,200 mg.....	7.4%.....	14,000 mg
Salt, min.....	1,125 mg.....	1.98%.....	19-25,000 mg
Salt, max.....	1,418 mg.....	2.48%	
Magnesium.....	250 mg.....	0.44%.....	7,500 mg
Copper.....	20 mg.....	353 ppm.....	81.8 mg
Selenium.....	1 mg.....	17.6 ppm.....	0.8 mg
Zinc.....	280 mg.....	4,938 ppm.....	327 mg
Iron.....	250 mg.....	4,409 ppm.....	327 mg
Manganese.....	100 mg.....	1,764 ppm.....	327 mg
Iodine.....	2 mg.....	35.2 ppm.....	0.8 mg
Cobalt.....	1 mg.....	17.6 ppm.....	0.8 mg
Vitamins and others:			
Vitamin A.....	40,000 IU.....	320,000 IU.....	14,969 IU
Vitamin D ₃	5,000 IU.....	40,000 IU.....	2,455 IU
Vitamin E.....	100 IU.....	800 IU.....	409 IU
Vitamin B ₁₂	40 mcg.....	0.32 mg.....	N.E.
Riboflavin.....	40 mg.....	320 mg.....	17 mg
D-Pantothenic acid.....	100 mg.....	800 mg.....	N.E.
Thiamine mononitrate.....	20 mg.....	160 mg.....	25 mg
Niacin.....	80 mg.....	640 mg.....	N.E.
Pyridoxine HCl.....	5 mg.....	40 mg.....	N.E.
D-Biotin.....	1 mg.....	8 mg.....	N.E.

0504

*N.E. = not established

The values for maintenance of a mature horse are based on a 1,100 pound animal consuming 8.2 kg (18.0 lb) of dry feed. From National Academy of Sciences National Research Council Nutrient Requirement of Horses, 5th Revised Edition, 1989. No requirements for niacin have been established for the horse. Niacin can be synthesized from tryptophan, suggesting a dietary source is unnecessary.

Pyridoxine, folic acid and biotin are synthesized in the lower digestive tract of the horse, but information on the dietary requirements is lacking. The requirement for Vitamin B₁₂ has not been reported. However, foals may benefit from receiving supplementation of vitamin B₁₂ and/or cobalt. The individual amino acid requirements for maintenance are not known.

800-0098 - Equ-Aid Plus

Equ-SeE

Advantages

- Provides dietary selenium in areas where feedstuffs are deficient
- Optimum levels of vitamin E act in synergy with selenium in the prevention of deficiencies
- An economical alternative to administration by injection

VET-A-MIX offers quality, research-proven nutritional supplements and drug dosage forms designed specifically for horses. All are manufactured under strict quality control guidelines.

All Vet-A-Mix products are available only through licensed veterinarians.



**Safe and
effective
selenium and
vitamin E
feed
supplement
for horses**



LLOYD, Inc.
800-831-0004
www.lloydinc.com



CENTRAL SALES

Supplements

How Supplied:

1-pound bottlesList No. 0434
5-pound jarsList No. 0435

Indications:

For use as a nutritional supplement in horses, when a vitamin E and selenium deficiency exists.

Feeding Directions:

The normal recommended dosage of selenium is 0.1 ppm to 0.3 ppm or 1/2 to 1 1/2 teaspoons per 10 pounds (4.5 kg) daily feed intake.

Recommended Daily Amount

Body Weight	Amount
250 lb (115 kg).....	1/4 to 3/4 teaspoon
500 lb (225 kg).....	1/2 to 1 1/2 teaspoons
750 lb (340 kg).....	3/4 to 2 1/4 teaspoons
1000 lb (450 kg)	1 to 3 teaspoons

One teaspoonful contains approximately 5 grams of Equ-SeE or 1 mg of selenium and 220 IU of vitamin E.

Administration:

Equ-SeE powder can be administered by mixing the daily amount in the concentrate or by top-dressing on grain, preferably rolled or ground. To facilitate proper adhesion to the ration, slightly moisten the grain with water or liquid supplement.

Warning:

Consider selenium concentrations in the total daily feed intake. The total added selenium should not exceed 0.3 mg/kg (0.3 ppm) in the ration, or 3.0 mg selenium per horse per day.

Guaranteed Analysis per lb:

(All values are minimum quantities unless otherwise stated.)

Selenium..... 0.02%.....90.7 mg
Vitamin E.....20,000 IU

Ingredients:

Calcium carbonate, rice hulls, vitamin E (DL-alpha tocopheryl acetate), diatomaceous earth, sodium bentonite and sodium selenite.

Caution:

Follow label directions. The addition to feed of higher levels of this supplement is not recommended. Do not exceed the recommended amounts.

Each package contains a teaspoon measure for accurate administration.

800-0433 - Equ-SeE 1lb
800-0435 - Equ-SeE 5lb

Available at your local veterinary distributors:



Osteo-Form

Advantages

- Calcium-to-phosphorus ratio of 1.8-to-1 reduces danger of nutritional imbalance
- Ideal for foals during periods of rapid growth
- Excellent for pregnant or lactating mares

VET-A-MIX offers quality, research-proven nutritional supplements and drug dosage forms designed specifically for horses. All are manufactured under strict quality control guidelines.

All Vet-A-Mix products are available only through licensed veterinarians.



**Natural
calcium and
phosphorus
powder with
vitamins.**



LLOYD, Inc.
800-831-0004
www.lloydinc.com



CENTRAL SALES

Supplements

How Supplied:

1-pound bottles.....List No. 0366
25-pound pails.....List No. 0367

Indications:

For use as an aid in the prevention of dietary deficiencies of calcium, phosphorus and vitamins A and D.

Do Not Feed to Cattle or Other Ruminants

Dosage: To aid in the prevention of dietary deficiencies, give 1 to 3 slightly rounded tablespoonfuls to foals and 3 to 5 table-spoonfuls to yearlings and adults each day for as long as indicated.

Each slightly rounded tablespoonful of Osteo-Form contains approximately 12 grams. A tablespoon measure is enclosed.

Administration:

Osteo-Form may be added to the daily ration or mixed with milk or water. To facilitate proper adhesion of Osteo-Form to the ration, slightly moisten the grain with water or liquid supplement.

Warning:

When using Osteo-Form as a maintenance dietary supplement, calcium and phosphorus from other food sources should be considered.

Guaranteed Analysis:

	Per pound
Calcium, maximum.....	32.0%
Calcium, minimum.....	27.0%
Phosphorus, minimum.....	16.5%
Vitamin A, minimum.....	153,000 IU
Vitamin D ₃ , minimum.....	15,300 IU

Ingredients:

Dicalcium phosphate, bone ash, calcium carbonate, soybean flour, bone meal steamed, polysorbate 80, citric acid, ascorbic acid, vitamin A acetate and cholecalciferol.

Osteo-Form Powder 454g

Item Code: 800-0366

VP Code: 1400901

CDMV Code:

Osteo-Form Powder 11.35kg

Item Code: 800-0367

VP Code:

CDMV Code: 108466

Available at your local veterinary distributors:





CENTRAL SALES

Supplements

GastroCare - For gastric health in Horses

Concerns:

Stomach pain resulting in:
Erratic behaviour
Stable vices
Irregular feeding
Tooth grinding
Weight loss

Results:

Soothes the stomach
Reduces possibility of re-occurrence
Improved behaviour
Increased food consumption
Improved performance and attitude

Why use GastroCare?

Horses are natural grazers and would if allowed, spend up to 22 hours per day in a field grazing. As such they continually produce gastric acid. The constant grazing should produce enough saliva to balance this acid.

When horses are in training, working or travelling and their feeding regime is reduced to two or three feeds per day they do not produce enough saliva and thus their stomachs have an unnatural build up of acid. That is why 60% of sport or show horses and over 90% of race horses have gastric discomfort.

How GastroCare Works

Neutralises gastric acid. Each intake provides approximately six hours of activity.

The soluble fibres absorb some of the excess acid produced and glutamine aids the regeneration of the stomach lining. All in all GastroCare helps and maintains the stomach as normal.

Ingredients

Dicalcium Phosphate, Carbonates (Sodium & Calcium), Pectin - Apple Fibre Complex, L-glutamine



Gastro Care 5lb

Item Code: 820-1300 VP Code: 1407240 CDMV Code: 100777

Gastro Care 6.6lb

Item Code: 820-1299 VP Code: CDMV Code:





CENTRAL SALES

Supplements

NutriAid - The Equine shock absorber

Concerns:

Joint stiffness
Overall Stiffness

Results:

Aids the body's natural repair of its joints
Helps build new cartilage naturally
Increases Flexibility

Why use NutriAid?

In the normal day to day life of a horse the joint cartilage is continually being broken down and replacement cartilage is being manufactured. However this balance can be upset due to increased training, trauma, competition or simply old age. Such horses need to be assisted in the maintenance of the cartilage and to reduce risk from further deterioration in the future.

NutriAid is an economical solution to promote long-term joint health.

How NutriAid Works

NutriAid is the most potent joint supplement combination on the market. This is due to its combination of three ingredients: Glucosamine, is an amino acid and assists in the body's manufacture of cartilage. Chondroitin assists in maintaining the lubrication and shock absorption of the joints, while MSM is a naturally occurring sulphur compound which help sooth knocks and return joint mobility.

While visible results are seen within 10-14 days, long term use is recommended, particularly in the case of older horses.

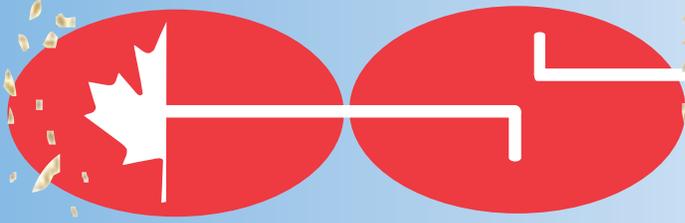


Nutri-Aid GCM 1000ml
Item Code: 820-1101
VP Code: 1405975
CDMV Code: 17128



Equine Arthri Aid 1.2kg
Item Code: 820-FP1043
VP Code: 1407282
CDMV Code: 101639





CENTRAL SALES

Celebrating 65 Years!

**Serving the Veterinary Community
Since 1953**

**Central Sales
Limited
1-14 Regan Road
Brampton, ON
L7A 1B9**



**Telephone: 905-840-0800
Toll Free Telephone: 800-387-2522**

**Fax: 905-840-1309
Toll Free Fax: 888-437-9999**

[www.centernalsales.ca](http://www centralsales.ca)