



# Ultra Start® Colostrum Supplement



Supplement for Newborn Animals

Ultra Start provides a supplemental source of nutrients to calves, foals, goat kids, lambs, baby pigs, fawns, elk calves, llama and alpaca crias, and puppies less than 4 days old that do not receive enough maternal colostrum.

**NOTE ON NEWBORN ANIMAL CARE:** Ideally, every newborn animal should receive fresh colostrum from its own mother. Colostrum is the first milking from the mother following birth, providing nutrients, growth factors, and immune globulin proteins that are crucial to the health and growth of the newborn. Colostrum must be fed as soon as possible after birth for maximum absorption of maternal antibodies in the newborn. If maternal colostrum is not available, substitute fresh cow or goat colostrum, or use **Ultra Start® Colostrum Supplement** according to label directions.

## FEATURES AND BENEFITS

- Pure Bovine serum and colostrum provide essential proteins, growth factors and natural hormones for healthy immune development.
- Guaranteed 40 grams of essential globulin protein per pouch.
- High-energy formula provides a complete feeding of essential proteins, energy, vitamins and minerals.
- Formulated with *PLUS Pac* - our exclusive blend of ingredients that support enteric health and superior antibody absorption.
- Highly fortified with 26 essential vitamins and chelated minerals, including elevated levels of vitamins C and B complex.
- Adequate intake of colostrum results in:
  1. Increased disease resistance.
  2. Improved growth and health.
  3. Reduced morbidity and mortality.



## PRODUCT CODES AND DIMENSIONS

PRODUCT CODE	SIZE & CASE PACK	CASES PER PALLET	UNIT UPC 616368-	CASE UPC 00616368-	UNIT DIMENSIONS	CASE DIMENSIONS
01-7444-0210	12 x 16 oz re-closable bags	63	444372	444389	7.5"x3"x10"	14.5"x12"x10"

## INGREDIENTS

Dried animal serum, dried whey protein concentrate, animal fat (preserved with BHA, BHT, citric acid and ethoxyquin), dried Bovine colostrum, dried whey, coconut oil, glycine, dicalcium phosphate, corn syrup solids, calcium carbonate, yeast primary dehydrated and brewer's dried yeast, maltodextrin, artificial flavor, sodium selenite, dried skimmed milk, DL-methionine, vitamin E supplement, sodium silico aluminate, L-ascorbyl-2-polyphosphate (source of vitamin C), potassium sorbate (preservative), choline chloride, magnesium sulfate, iron proteinate, zinc sulfate, zinc proteinate, vitamin A supplement, selenium yeast, brewer's dried yeast, ascorbic acid, calcium pantothenate, ferrous sulfate, vitamin B<sub>12</sub> supplement, niacin supplement, manganese sulfate, vitamin D<sub>3</sub> supplement, mineral oil, thiamine mononitrate, biotin, riboflavin supplement, menadione sodium bisulfite complex (source of vitamin K activity), manganese proteinate, folic acid, pyridoxine hydrochloride, cobalt sulfate, copper proteinate, calcium iodate, cobalt proteinate, silicon dioxide.

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## GUARANTEED ANALYSIS

Crude protein, min.....	35.00%	Copper, min.....	6 ppm
Lysine, min.....	2.50%	Copper, max.....	10 ppm
Crude fat, min.....	25.00%	Selenium, min.....	0.3 ppm
Crude fiber, max.....	0.15%	Zinc, min.....	120 ppm
Moisture, max.....	5.00%	Vitamin A, min.....	30,000 IU/lb
Ash, max.....	8.50%	Vitamin D <sub>3</sub> , min.....	10,000 IU/lb
Calcium, min.....	0.80%	Vitamin E, min.....	250 IU/lb
Calcium, max.....	1.10%	Albumin protein, min....	18.35%
Phosphorus, min.....	0.70%	Globulin protein, min.....	8.81%
Sodium, min.....	0.60%		40 grams/lb
Sodium, max.....	1.10%		

## TYPICAL ANALYSIS

Ascorbic acid (Vit C).....	150 mg/lb	Niacin (Vit B <sub>3</sub> ).....	62 mg/lb
Biotin (Vit B <sub>7</sub> ).....	0.2 mg/lb	Riboflavin (Vit B <sub>2</sub> ).....	17 mg/lb
Folic acid (Vit B <sub>9</sub> ).....	0.9 mg/lb	Pantothenate (Vit B <sub>5</sub> )....	36 mg/lb
Thiamine (Vit B <sub>1</sub> ).....	14 mg/lb	Vitamin B <sub>12</sub> .....	0.2 mg/lb



# Ultra Start<sup>®</sup> Colostrum Supplement



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## DIRECTIONS FOR USE

Please see the table below for specific mixing and feeding directions for each animal. Use the plastic scoop enclosed in the bag to measure the Ultra Start powder (holds approximately 1 dry ounce), and a standard kitchen cup (8 fluid ounces) to measure water. Add the powder to warm (105°-110° F) water and mix thoroughly with a wire whisk. For best results, give the first feeding of Ultra Start<sup>®</sup> solution as soon as possible after birth and continue feeding as directed for the first 24 hours of life.

**IMPORTANT** - Every animal is an individual. Adjust the amounts fed according to the newborn's birth weight, the environmental conditions, and the amount of maternal colostrum available. If you have questions about nutrition requirements please consult with your veterinarian or animal nutritionist.

**STORAGE** - Refrigerate unused Ultra Start<sup>®</sup> solution promptly after mixing. Reheat gently over warm water and mix thoroughly before feeding. Do not microwave or freeze the solution. Discard any unused refrigerated Ultra Start<sup>®</sup> solution after 24 hours. Store dry Ultra Start<sup>®</sup> powder in a tightly closed, waterproof container in a cool, dry place. Use within 6 months of manufacture wherever possible. Dry powder may be sealed in a waterproof, airtight container and stored in the freezer to extend shelf life.

### MIXING & FEEDING INSTRUCTIONS

<b>CALF</b>	Remove the enclosed scoop. Mix one pouch (16 ounces) of Ultra Start <sup>®</sup> powder into 1-1/2 quarts of warm water. Feed the entire volume as soon as possible after birth. Repeat the feeding every 8 hours for the first 24 hours of life.
<b>FOAL</b>	<i>Note: Amounts suggested are for a light breed foal that will mature at about 1000 lbs. Pony foals will require about half and draft foals may require up to twice the amounts listed. Adjust as needed for body weight.</i> Mix 1 enclosed scoop (1 ounce) of Ultra Start <sup>®</sup> powder into 1 cup of warm water. Offer 1 cup (8 fluid ounces, approximately 240 mL) every 2 to 3 hours.
<b>LAMB OR GOAT KID</b>	<i>Note: Amounts suggested are for standard goat kids. Offer pygmy goat kids about half of the amount listed and adjust for body weight.</i> Mix 1 enclosed scoop (1 ounce) of Ultra Start <sup>®</sup> powder into 3/4 cup (6 fluid ounces) of warm water. Offer 1/4 to 1/2 cup (2 to 4 fluid ounces) of solution every 4 hours.
<b>CRIA (LLAMA OR ALPACA)</b>	Mix 1 enclosed scoop (1 ounce) of Ultra Start <sup>®</sup> powder into 3/4 cup (6 fluid ounces) of warm water. <b>For Llama crias</b> , offer 3/4 to 1 cup (6 to 8 fluid ounces) of solution every 4 hours. <b>For Alpaca crias</b> , offer 1/2 to 3/4 cup (4 to 6 fluid ounces) of solution every 4 hours.
<b>FAWN OR ELK CALF</b>	<i>Note: Male deer and elk that are hand-raised should be castrated to help prevent dangerous aggressive behavior.</i> Mix 1 enclosed scoop (1 ounce) of Ultra Start <sup>®</sup> powder into 3/4 cup (6 fluid ounces) of warm water. <b>For Fawns</b> , offer 1/4 cup (2 fluid ounces) of solution every 3 to 4 hours. <b>For Elk calves</b> , offer 1/2 cup (4 fluid ounces) of solution every 3 to 4 hours.
<b>BABY PIG</b>	Mix 1 enclosed scoop (1 ounce) of Ultra Start <sup>®</sup> powder into 2/3 cup (5-1/3 fluid ounces) of warm water. Offer 1 to 2 fluid ounces of solution every 2 to 3 hours.
<b>PUPPY</b>	Mix 1/2 enclosed scoop (1/2 ounce) of Ultra Start <sup>®</sup> powder into 1/3 cup (2-2/3 fluid ounces) of warm water. Offer 1 teaspoon of solution for each 1/4 pound of body weight every 3 hours.

#### CONVERSIONS FOR LIQUID MEASURE

- 1 QUART = 2 PINTS = 4 CUPS
- 1 CUP = 8 FLUID OUNCES = 16 TABLESPOONS
- 1 TABLESPOON = 15 MILLILITERS (mL/cc)
- 3 TEASPOONS = 1 TABLESPOON = 0.5 FLUID OUNCES

The suggestions listed above are only suggestions and are not to be interpreted as a substitute for having a veterinarian or qualified animal nutritionist provide recommendations. The reader's implementation of the above suggestions are exclusively the reader's decision. Milk Products LLC makes no warranties, express or implied, regarding these suggestions. The reader agrees that Milk Products LLC shall have no liability in connection therewith.

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