



Grade A[®] Ultra 24[™]

Nutritionally Complete Milk Replacer for Multiple Species

Grade A Ultra 24 is a multi-species milk replacer to be fed to herd replacement calves, foals, baby pigs, puppies, lambs, goat kids, llama and alpaca crias, fawns and elk calves. May also be used as a dry powder supplement. May be used in liquid or dry powder form for intermittent or supplemental feeding in kittens.

IMPORTANT NOTE ON NEWBORN ANIMAL CARE: Every newborn animal should receive colostrum from its own mother as soon as possible after it is born to ensure maximum absorption of protective maternal antibodies. 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. If the mother's colostrum is not available, fresh cow or goat colostrum may be substituted, or **Ultra Start[™] Colostrum Supplement** may be used.

FEATURES AND BENEFITS

- Highest quality, most nutritious multi purpose formula on the market.
- Complete and balanced nutrition for 10 different species.
- All-milk protein sources provide superior digestibility and performance.
- Fortified with 26 essential vitamins and minerals.
- Exclusive “*Magic Crystal*” technology produces milk replacer that mixes easily and stays in suspension.
- Versatile product saves shelf space while meeting the needs of multiple buyers.



PRODUCT CODES AND DIMENSIONS

PRODUCT CODE	SIZE & CASE PACK	CASES PER PALLET	UNIT UPC 616368-	CASE UPC 00616368-	UNIT DIMENSIONS	CASE DIMENSIONS
01-7428-0215	4 x 4 lb re-closable bags	78	428440	428099	11"x4"x14"	16"x9"x10"
01-7428-0217	4 x 8 lb re-closable bags	42	428044	428051	13.5"x5.5"x17.5"	18"x12"x12.5"
01-7428-0520	20 lb (each) plastic pail	48	428129	N/A	11"x11"x13"	N/A
01-7428-0150	50 lb (each) paper bag	40	428013	N/A	16"x6"x37"	N/A

INGREDIENTS

Dried whey protein concentrate, animal fat (preserved with BHA, BHT, citric acid, and ethoxyquin), dried whey, dried whey product, dried skimmed milk, coconut oil; citric acid, potassium sorbate (preservatives); lecithin, calcium carbonate, dicalcium phosphate, l-lysine, sodium silico aluminate, DL-methionine, ethoxylated mono-diglycerides, choline chloride, ferrous sulfate, magnesium sulfate, zinc sulfate, manganese sulfate, copper sulfate, taurine, cobalt sulfate, calcium iodate, sodium selenite, folic acid, ascorbic acid, vitamin B₁₂ supplement, calcium pantothenate, niacin supplement, pyridoxine hydrochloride, biotin, riboflavin supplement, thiamine mononitrate, vitamin A supplement, vitamin D₃ supplement, vitamin E supplement, artificial flavor.

GUARANTEED ANALYSIS

Crude protein, min.....	24.00%	Sodium, max.....	1.00%
Lysine, min.....	2.10%	Copper, min.....	10 ppm
Crude fat, min.....	24.00%	Copper, max.....	15 ppm
Crude fiber, max.....	0.15%	Selenium, min.....	0.3 ppm
Moisture, max.....	6.00%	Zinc, min.....	120 ppm
Calcium, min.....	1.00%	Vitamin A, min.....	30,000 IU/lb
Calcium, max.....	1.25%	Vitamin D ₃ , min.....	5,000 IU/lb
Phosphorus, min.....	0.80%	Vitamin E, min.....	115 IU/lb
Sodium, min.....	0.50%		

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DIRECTIONS FOR USE

Please see the following table for specific mixing and feeding instructions for each animal. Using the plastic cup enclosed in the pail or bag, mix the required amount of Grade A Ultra 24 powder into warm (115-120° F) water. Add powder to water and mix thoroughly. Allow the mixed milk replacer solution to cool to 95-100° F before feeding. The enclosed cup holds approximately 4 ounces (113 grams) dry powder by weight, equal in volume to a standard dry kitchen cup. *For dry supplement directions please see the product label.*

	AGE	MIXING & FEEDING INSTRUCTIONS FOR LIQUID MILK REPLACER																
CALF	Birth - day 1	Feed ONLY COLOSTRUM – no milk replacer. Feed 2 to 3 quarts of colostrum as soon as possible after birth, then again every 8 hours for the first day of life.																
	Day 2 until weaning	Mix 2 enclosed cups (8 oz) of powder into 2 quarts of warm water. Feed 1-1/2 to 3 quarts of milk replacer twice daily (adjust for body weight).																
FOAL	Birth - day 1	Feed ONLY COLOSTRUM – no milk replacer. Offer 1 cup (8 fluid ounces, about 240 mL) every 1-1/2 to 2 hours for the first day of life.																
	Day 2 - 7	Mix 1/2 enclosed cup (2 oz) of powder into 2-1/2 cups of warm water. Offer 1 to 1-1/2 pints every 3 hours.																
	Week 2 - 4	Mix 1 cup (4 oz) of powder into 2-1/2 pints of warm water. Offer 2 pints every 3 to 4 hours.																
	Week 5 - 6	Mix 1 cup (4 oz) of powder into 1 quart of warm water. Offer 2 to 3 pints every 4 to 6 hours.																
LAMB OR GOAT KID	Birth - day 1	Feed ONLY COLOSTRUM – no milk replacer. <i>Lamb or Standard Goat Kid:</i> Offer 1/4 to 1/2 cup (2 to 4 fluid oz) of colostrum every 4 to 6 hours. <i>Pygmy Goat Kid:</i> Offer 1 to 2 fluid oz of colostrum every 4 hours.																
	Day 2 - 10	<i>Lamb:</i> Mix 1/2 cup (2 oz) of powder into 1 cup of warm water. Offer 1/2 to 1 cup (4 to 8 fluid oz) 4 times daily. <i>Standard Goat Kid:</i> Mix 3/4 cup (3 oz) of powder into 1 pint of warm water. Offer 1 cup (8 fluid oz) 4 times daily. <i>Pygmy Goat Kid:</i> Mix 1/2 cup (2 oz) of powder into 1-1/3 cups of warm water. Offer 1/2 cup (4 fluid oz) 4 to 5 times daily.																
	Day 11 until weaning	<i>Lamb:</i> Mix 1/2 cup (2 oz) of powder into 1 cup of warm water. Offer 1 cup (8 fluid oz) 3 to 4 times daily. <i>Standard Goat Kid:</i> Mix 2/3 cup (2.7 oz) of powder into 1 pint of warm water. Offer 1 cup (8 fluid oz) 3 to 4 times daily. <i>Pygmy Goat Kid:</i> Mix 1/2 cup (2 oz) of powder into 1 cup of warm water. Offer 1/2 cup (4 fluid oz) 4 times daily.																
CRIA (LLAMA OR ALPACA)	Birth - day 1	Feed ONLY COLOSTRUM – no milk replacer. <i>Llama cria:</i> Offer 3/4 to 1 cup (6 to 8 fluid oz) of colostrum every 4 to 6 hours. <i>Alpaca cria:</i> Offer 1/2 to 3/4 cup (4 to 6 fluid oz) of colostrum every 4 to 6 hours.																
	Days 2 - 14	Mix 1/4 enclosed cup (1 oz) of powder into 1 cup of warm water. <i>Llama cria:</i> Offer 1-1/2 to 2 cups (12 to 16 fluid oz) 4 times daily. <i>Alpaca cria:</i> Offer 1 to 1-1/2 cups (8 to 12 fluid oz) 4 times daily.																
	Day 15 until weaning	Mix 1/4 cup (1 oz) of powder into 1 cup of warm water. <i>Llama cria:</i> Offer 2 to 3 cups (16 to 24 fluid oz) 4 times daily. <i>Alpaca cria:</i> Offer 1-1/2 to 2-1/2 cups (12 to 20 fluid oz) 4 times daily.																
FAWN OR ELK CALF*	<i>Important Safety Note: Male deer and elk that are bottle-raised should be castrated to help prevent dangerous aggressive behavior.</i>																	
	Mix 1 cup (4 oz) of powder per pint of warm water. <i>*Offer elk calves about twice as much milk replacer as fawns, adjusting for body weight.</i>	Amount of Mixed Milk Replacer to Offer a Fawn (fluid ounces)																
		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Wk 1</td> <td style="width: 25%;">2-1/2 oz every 3 hours</td> <td style="width: 25%;">Wk 5</td> <td style="width: 25%;">6 to 7 oz every 6 hours</td> </tr> <tr> <td>Wk 2</td> <td>3 to 3-1/2 oz every 3-1/2 hrs</td> <td>Wk 6</td> <td>9 oz 3 times daily</td> </tr> <tr> <td>Wk 3</td> <td>4 oz every 4 hours</td> <td>Wk 7</td> <td>8 to 9 oz 3 times daily</td> </tr> <tr> <td>Wk 4</td> <td>5 oz every 5 hours</td> <td>Wk 8</td> <td>8 oz 3 times daily</td> </tr> </table>	Wk 1	2-1/2 oz every 3 hours	Wk 5	6 to 7 oz every 6 hours	Wk 2	3 to 3-1/2 oz every 3-1/2 hrs	Wk 6	9 oz 3 times daily	Wk 3	4 oz every 4 hours	Wk 7	8 to 9 oz 3 times daily	Wk 4	5 oz every 5 hours	Wk 8	8 oz 3 times daily
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Wk 4	5 oz every 5 hours	Wk 8	8 oz 3 times daily															
Wk 9	10 to 12 oz twice daily																	
Wk 10	9 to 10 oz twice daily																	
Wk 11	8 to 9 oz twice daily																	
Wk 12	12 to 15 oz once daily																	
BABY PIG	Days 1-5	Mix 1 cup (4 oz) of powder into 1 quart of warm water. Offer 1 to 2 pints per pig free choice daily.																
	Days 6-10	Mix 1 cup (4 oz) of powder into 1 quart of warm water. Offer 3 to 5 pints per pig free choice daily.																
	Days 11-15	Mix 1 cup (4 oz) of powder into 1 quart of warm water. Offer 5 to 8 pints per pig free choice daily.																
	Days 16-21	Mix 1 cup (4 oz) of powder into 1 quart of warm water. Offer 8 to 12 pints per pig free choice daily.																
PUPPY OR KITTEN	<i>Note: Grade A Ultra 24 is intended for intermittent or supplemental feeding only in kittens, in addition to the mother's milk or the nutritionally complete kitten milk replacer formula of your choice.</i>																	
	Week 1	Mix 1/4 enclosed up (1 oz) of powder into 1 cup of warm water. Offer 1 teaspoon (approx. 5 mL) of milk replacer per 4 ounces (1/4 pound) of body weight every 3 to 4 hours.																
	Weeks 2 - 4	Mix 1/4 cup (1 oz) of powder into 1 cup of warm water. Offer 1 teaspoon (approx. 5 mL) per 4 ounces (1/4 pound) of body weight every 4 to 6 hours.																

Rev011107

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.