



Grade A® Ultra 24 Multi-Species Milk Replacer

Grade A® Ultra 24 is a multi-species milk replacer to be fed to herd replacement calves, foals, baby pigs, lambs, goat kids, llama and alpaca crias, fawns and elk calves. May also be used as a dry powder supplement.

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, feed fresh cow or goat colostrum, or use **Ultra Start® Multi Colostrum Supplement**.

FEATURES AND BENEFITS

- Complete and balanced nutrition for 9 different species of animals.
- All-milk protein sources support optimal digestibility and help animals grow to their genetic potential.
- Fortified with 26 essential vitamins and minerals.
- Versatile product saves shelf space while meeting the needs of multiple buyers.
- Designed to produce *Magic Crystals for Easy Mixing*®.



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"
01-7428-0125 *no cup included	25 lb (each) paper bag	80	428068	N/A	15"x3.5"x31"	N/A

INGREDIENTS

Dried whey protein concentrate, dried whey product, animal fat (preserved with BHA, BHT and citric acid), dried skimmed milk, dried whey, coconut oil, dried milk protein, citric acid (preservative), calcium carbonate, dicalcium phosphate, L-lysine, DL-methionine, sodium silico aluminate, maltodextrin, ferrous sulfate, taurine, potassium sorbate (preservative), artificial flavor, vitamin E supplement, magnesium sulfate, choline chloride, zinc sulfate, vitamin A supplement, manganese sulfate, ascorbic acid, sodium selenite, niacin supplement, biotin, vitamin D₃ supplement, calcium pantothenate, calcium iodate, vitamin B₁₂ supplement, copper sulfate, folic acid, riboflavin supplement, thiamine mononitrate, cobalt sulfate, mineral oil, menadione sodium bisulfite complex (source of vitamin K activity), pyridoxine hydrochloride.

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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MIXING DIRECTIONS FOR LIQUID FEEDING

Please see the following table for specific mixing and feeding instructions for each animal. Using a standard measuring cup (cup included in 4lb & 8lb bags), mix the required amounts 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 (in the 4lb & 8lb bags) holds approximately 3.5 ounces (113 grams) dry powder by weight, approximately equal in volume to a standard measuring cup. **NOTE: Due to the difference in density, 3.5 ounces of powder fits in the same size cup as 8 fluid ounces of water.**

ANIMALS	AGE	MIXING & FEEDING INSTRUCTIONS FOR LIQUID MILK REPLACER		
CALF	First 24 hours	Feed ONLY COLOSTRUM – no milk replacer. Feed 2 to 3 quarts of colostrum as soon as possible after birth, then again every 8 to 12 hours for the first day of life.		
	Day 2 until weaning	Mix 3 cups (10.5 dry oz) of powder into 2 quarts of warm water. Feed 1½ to 3 quarts of milk replacer twice daily (adjust for body weight).		
FOAL <i>*Mixing Tip: The ratio is 1 part powder to 3 parts water by volume.</i>	First 24 hours	Feed ONLY COLOSTRUM – no milk replacer. Offer 1 cup (8 fluid ounces, about 240 mL) every 1 to 2 hours for the first day of life.		
	Day 2 - 7	Mix 1 cup (3.5 dry oz) of powder into 3 cups (24 fluid oz) of warm water. Offer 1½ pints (3 cups, 24 fluid oz) every 3 hours (8 feedings daily).		
	Week 2 - 3	Mix 1 cup (3.5 dry oz) of powder into 3 cups (24 fluid oz) of warm water. Offer 2 pints (1 quart, 32 fluid oz) every 3 to 4 hours.		
	Week 4 - 6	Mix 1 cup (3.5 dry oz) of powder into 3 cups (24 fluid oz) of warm water. Offer 2 to 3 pints (1 to 1½ quarts) 4 to 6 times daily.		
	Week 7 until weaning	Mix 1 cup (3.5 dry oz) of powder into 3 cups (24 fluid oz) of warm water. Offer 2 to 3 pints every 3 to 4 times daily.		
LAMB <i>*Mixing Tip: The ratio is 1 part powder to 2 parts water by volume.</i> OR GOAT KID <i>*Mixing Tip: The ratio is 1 part powder to 2½ parts water by volume.</i>	First 24 hours	Feed ONLY COLOSTRUM – no milk replacer. Lamb or Standard Goat Kid: Offer ¼ to ½ cup (2 to 4 fluid oz) of colostrum every 4-6 hrs.		
	Day 2 - 10	Lamb: Mix ½ cup (1.75 dry oz) of powder into 1 cup (8 fluid oz) of warm water. Offer ½ to 1 cup (4 to 8 fluid oz) 4 times daily. Standard Kid: Mix ½ cup (1.75 dry oz) of powder into 1¼ cups (10 fluid oz) of warm water. Offer ½ to 1 cup (4 to 8 fluid oz) 4 times daily. Pygmy Kid: Mix ¼ cup (.88 dry oz) of powder into ¾ cups (5.3 fluid oz) of warm water. Offer ½ cup (4 fluid oz) 4 to 5 times daily.		
CRIA (LLAMA OR ALPACA) <i>*Mixing Tip: The ratio is 1 part powder to 3 parts water by volume.</i>	First 24 hours	Feed ONLY COLOSTRUM – no milk replacer. Llama cria: Offer ¾ to 1 cup (6 to 8 fluid oz) of colostrum every 4 to 6 hours. Alpaca cria: Offer ½ to ¾ cup (4 to 6 fluid oz) of colostrum every 4 to 6 hours.		
	Days 2 - 14	Mix ¾ cup (2.35 dry oz) of powder into 2 cups (16 fluid oz) of warm water. Llama cria: Offer 1½ to 2 cups (12 to 16 fluid oz) 4 times daily. Alpaca cria: Offer 1 to 1½ cups (8 to 12 fluid oz) 4 times daily.		
	Day 15 until weaning	Mix ¾ cup (2.35 dry oz) of powder into 2 cups (16 fluid oz) of warm water. Llama cria: Offer 2 to 3 cups (16 to 24 fluid oz) 3 to 4 times daily. Alpaca cria: Offer 1½ to 2½ cups (12 to 20 fluid oz) 3 to 4 times daily.		
FAWN OR ELK CALF*	Mix 1¾ cup (6.13 dry oz) of powder into 3 cups (24 fluid oz) 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 (in fluid ounces)		
		Wk 1 2½ oz every 3 hours	Wk 5 6 to 7 oz every 6 hours	Wk 9 10 to 12 oz twice daily
		Wk 2 3½ oz every 3½ hrs	Wk 6 9 oz 3 times daily	Wk 10 9 to 10 oz twice daily
		Wk 3 4 oz every 4 hours	Wk 7 8 to 9 oz 3 times daily	Wk 11 8 to 9 oz twice daily
		Wk 4 5 oz every 5 hours	Wk 8 8 oz 3 times daily	Wk 12 12 to 15 oz once daily
BABY PIG <i>*MINIATURE POTBELLED PIG: Start with approximately half of the amounts listed & adjust as needed for body weight & appetite.</i>	First 24 hrs.	Feed ONLY COLOSTRUM – no milk replacer. Offer 2 to 3 fluid ounces of colostrum every 3 hours.		
	Days 2 - 5	Mix ¾ cup (2.63 dry oz) of powder into 2 cups of warm water. Offer ½ to 1 pint (8 to 16 fluid oz) per pig twice daily, free choice.		
	Days 6 - 10	Mix ¾ cup (2.63 dry oz) of powder into 2 cups of warm water. Offer 1½ to 2½ (24 to 40 fluid oz) pints per pig twice daily, free choice.		
	Days 11 - 15	Mix ¾ cup (2.63 dry oz) of powder into 2 cups of warm water. Offer 2½ to 4 pints (40 to 64 fluid oz) per pig twice daily, free choice.		
	Days 16 - 21	Mix ¾ cup (2.63 dry oz) of powder into 2 cups of warm water. Offer 4 to 6 pints (64 to 96 fluid oz) per pig twice daily, free choice.		

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

For dry supplement directions please see the product label.

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.