



# Hi-Nutra®



## Instantized Calf Milk Replacer

Sav-A-Caf® Hi-Nutra® is an instantized milk replacer to be fed to herd replacement calves from the second day of age until weaning. Formulas medicated with neomycin and oxytetracycline aid in the prevention of bacterial enteritis (scours). Formulas medicated with Deccox® (decoquinate) are labeled for the prevention of coccidiosis in ruminating and non-ruminating calves (including veal calves) and cattle caused by *Eimeria bovis* and *Eimeria zuernii*. Feed as directed.

**IMPORTANT NOTE ON NEWBORN CALF CARE:** It is highly preferred that the newborn calf receive fresh colostrum from its own mother before beginning a milk replacer regimen. Colostrum is the first milking from the cow following birth, providing nutrients, growth factors, and immune globulin proteins that are crucial to the health and growth of the calf. Colostrum must be fed as soon as possible after birth for maximum absorption of maternal antibodies in the newborn. If there is not enough high-quality colostrum available, frozen stored colostrum may be substituted. If no fresh or frozen colostrum is available, **Sav-A-Caf® Colostrum Supplement** or **Ultra Start® Colostrum Supplement** may be used according to package directions.

### FEATURES AND BENEFITS

- All-milk proteins for optimal digestibility and performance.
- 20% protein, 20% fat, 0.15% fiber.
- Available medicated with neomycin and oxytetracycline to help prevent bacterial scours, or with Deccox® for prevention of coccidiosis.
- Fortified with balanced levels of key vitamins and minerals as recommended by the *National Research Council*.
- Readily usable organic form of selenium.
- Exclusive *Magic Crystal*® technology produces milk replacer that mixes easily and stays in suspension.



*Deccox is a registered trademark of Alpharma, Inc.*



### PRODUCT CODES AND DIMENSIONS

PRODUCT CODE	FORMULA OPTION	PACKAGE SIZE	BAGS PER PALLET	UPC CODE 616368-	BAG DIMENSIONS
01-7497-0125	20-20 Non-Medicated	25 lb paper bag (ea)	80	497064	15"x3.5"x31"
01-7497-0150	20-20 Non-Medicated	50 lb paper bag (ea)	40	497019	16"x6"x37"
01-7469-0125	20-20 with Neo-Oxy 200/100 g/ton	25 lb paper bag (ea)	80	469061	15"x3.5"x31"
01-7469-0150	20-20 with Neo-Oxy 200/100 g/ton	50 lb paper bag (ea)	40	469016	16"x6"x37"
01-7496-0125	20-20 with Deccox® 45.4 g/ton	25 lb paper bag (ea)	80	496067	15"x3.5"x31"
01-7496-0150	20-20 with Deccox® 45.4 g/ton	50 lb paper bag (ea)	40	496012	16"x6"x37"
01-7500-0125	22-20 with Neo-Oxy 200/100 g/ton	25 lb paper bag (ea)	80	500061	15"x3.5"x31"
01-7500-0150	22-20 with Neo-Oxy at 200/100 g/ton	50 lb paper bag (ea)	40	500016	16"x6"x37"

### INGREDIENTS

Dried whey, dried whey protein concentrate, animal fat (preserved with BHA, BHT, citric acid & ethoxyquin), dried whey product, dried skimmed milk, calcium carbonate, L-lysine, sodium silico aluminate, DL-methionine, ferrous sulfate, magnesium sulfate, choline chloride, artificial flavor, vitamin E supplement, maltodextrin, selenium yeast, brewer's dried yeast, vitamin A supplement, zinc sulfate, lecithin, ethoxylated mono-diglycerides, propylene glycol, manganese sulfate, copper sulfate, ascorbic acid, niacin supplement, vitamin D<sub>3</sub> supplement, calcium pantothenate, menadione sodium bisulfite complex (source of vitamin K activity), biotin, riboflavin supplement, thiamine mononitrate, pyridoxine hydrochloride, vitamin B<sub>12</sub> supplement, folic acid, cobalt sulfate.

### GUARANTEED ANALYSIS

Crude Protein, min.....20.00% OR 22.00%  
 Crude Fat, min.....20.00%  
 Crude Fiber, max.....0.15%  
 Calcium, min.....0.75%  
 Calcium, max.....1.25%  
 Phosphorus, min.....0.70%  
 Vitamin A, min.....30,000 IU/lb  
 Vitamin D<sub>3</sub>, min.....5,000 IU/lb  
 Vitamin E, min.....100 IU/lb

Rev0509



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### MIXING DIRECTIONS

Using the plastic cup enclosed in the bag, add one level cup of Sav-A-Caf<sup>®</sup> Hi-Nutra<sup>®</sup> powder to 2 quarts of warm (115-120° F) water and mix thoroughly with a wire whisk. The enclosed measuring cup holds approximately 10 ounces by weight of dry powder, equal in volume to 2-3/4 standard dry kitchen cups. When feeding more than one calf, mix 1-1/4 pounds of dry powder per gallon of warm water. Please see the following table for feeding schedule.

**IMPORTANT - Individual animals vary in requirements.** Adjust the amount of milk replacer fed according to the calf's body weight and appetite, the environmental conditions, and your own good judgment. In general, animals require more feed during cold weather (ambient temperature below 40° F) to maintain body weight and stay healthy. When in question about nutrition requirements please consult with your animal nutritionist or veterinarian.

### FEEDING INSTRUCTIONS<sup>®</sup>

AGE OF CALF	NUMBER OF FEEDINGS PER DAY	AMOUNT OF COLOSTRUM OR LIQUID MILK REPLACER PER FEEDING
<b>BIRTH TO 24 HOURS</b>	NO MILK REPLACER— FEED ONLY COLOSTRUM. 2 to 3 feedings of colostrum, with the first feeding as soon as possible after birth (within 2 hours preferred), and subsequent feedings 6 to 8 hours apart.	For large breed dairy calves, feed 3 to 4 quarts colostrum per feeding. For beef and small breed dairy calves, feed 2 quarts colostrum per feeding.
<b>DAYS 2 TO 3</b>	MIX LIQUID MILK REPLACER 50:50 WITH COLOSTRUM. 2 feedings per day.	2 to 3 quarts milk replacer mixed with colostrum.
<b>DAY 4 UNTIL WEANING</b>	FEED ONLY LIQUID MILK REPLACER. 2 feedings per day.	2 to 3 quarts milk replacer.

### CALF MANAGEMENT TIPS

#### AT CALVING

Remove dairy calves immediately after birth to a clean, well-bedded area away from the mother. Dry the calf, then saturate the umbilical cord in a 7% iodine solution. Feed colostrum as soon as possible after the calf is born.

#### COLOSTRUM HANDLING AND FEEDING

Always wash the udder thoroughly before milking and collect colostrum into a clean container. Feed the calf only clean, fresh colostrum that is free from blood, manure, or chunky material. Measure the quality of the colostrum with a colostrometer whenever possible and set aside lower quality colostrum for feeding on days 2 to 3. Stored colostrum must be chilled immediately after collection to help prevent bacterial growth. Discard any unused refrigerated colostrum after 1 week, and any unused frozen colostrum after 6 months. Warm cold or frozen colostrum gently over a warm water bath (excessive heat can damage the proteins). Feed colostrum to the calf in a nipple bottle, or use an esophageal tube feeder if the calf refuses to drink.

#### CALF STARTER AND WATER

Fresh, clean water and high-quality calf starter should be available to the calf free choice at all times beginning on day 2 or 3. Offer small amounts of fresh calf starter daily. Feed and water pails should be dumped and scrubbed regularly to prevent bacterial growth - at least 2 to 3 times per week or more often if they become contaminated with urine or manure.

#### SCOURS

If the calf develops scours, continue to feed milk replacer twice daily. Add 1 to 2 feedings of **Sav-A-Caf<sup>®</sup> Electrolytes Plus<sup>™</sup>** in between normal milk replacer feedings to help maintain hydration. If you are not currently feeding a milk replacer medicated with neomycin and oxytetracycline, consider replacing normal milk replacer with medicated **Sav-A-Caf<sup>®</sup> Scours Control 2<sup>™</sup>** for 2 to 3 days to aid in the treatment of bacterial scours. *Dehydration can be very serious. Contact your veterinarian if scours worsen or do not improve within a few days, or if the calf becomes visibly dehydrated.*

#### WEANING

Most healthy calves can be weaned from liquid milk replacer at 6 to 8 weeks of age, provided they are in good physical condition and are consuming at least 2 pounds of a good quality calf starter each day. Remember that individual animals vary in requirements. Adjust amounts according to your own good judgment, and consult with a veterinarian if you have questions regarding nutritional requirements.

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 Inc. makes no warranties, express or implied, regarding these suggestions. The reader agrees that Milk Products Inc. shall have no liability in connection therewith.