

Mazuri® High Energy Hand Feeding Formula

(Available at www.mazuri.com or through a Mazuri® retailer)

Formula Code – 5D1W

Description

Mazuri® High Energy Hand Feeding Formula is a complete diet designed to promote optimal growth and development for granivorous avian species with higher energy requirements including macaws, eclectus and African psittacine species.

Features and Benefits

- **Designed to promote hydration in young birds with higher energy requirements.**
- **Ideal levels of natural pigments and vitamins.**
- **Contains natural source of vitamin E.**
- **Natural preservatives, and no artificial flavors or colors.**
- **Contains probiotic organisms** - Supports gastrointestinal microflora development.
- **Easy to mix** - Mixing accuracy can be easily observed.
- **Iron controlled formula** - Ideal for iron-sensitive species.

Product Form

Powder.

- 2 kg canister
- 20 lb. bucket

Catalog

1812403
1812812

Guaranteed Analysis (Powder)

Crude protein not less than	20.0%
Crude fat not less than	16.0%
Crude fiber not more than	2.5%
Moisture not more than	12.0%
Ash not more than.....	7.0%



Ingredients

Wheat flour, soybean flour, corn starch, soybean oil, soy protein concentrate, sucrose, dried egg product, brewers dried yeast, dicalcium phosphate, calcium carbonate, tagetes (Aztec marigold) extract (color), lecithin, sodium chloride, dl-methionine, mixed tocopherols (preservative, form of vitamin E; citric acid, rosemary extract), Primalac (Lactobacillus cultures: Lactobacillus acidophilus, Lactobacillus casei, Bifido bacterium bifidium, Enterococcus faecium), dried yucca shidigera extract, choline chloride, spirulina algae (color), l-ascorbyl-2-polyphosphate (stabilized vitamin C), manganese sulfate, ferrous sulfate, zinc sulfate, d-alpha tocopheryl acetate (natural source of vitamin E), niacin, calcium pantothenate, canthaxanthin (color), copper sulfate, pyridoxine hydrochloride, riboflavin, thiamin mononitrate, menadione sodium bisulfite complex (source of vitamin K), folic acid, potassium iodate, vitamin A acetate, biotin, beta-carotene, sodium selenite, vitamin B₁₂ supplement, cholecalciferol (vitamin D₃).

Mixing & Feeding Directions

- Prepared Mazuri® High Energy Hand Feeding Formula is designed for feeding chicks.
- Never feed dry powder without first combining with water. Use good sanitation practices and good quality water.
 1. To ensure complete hydration of the product, mix with cold water then add hot water to reach feeding temperatures: 100° to 106° F.
 - Under- and over-heating can cause impaired gastric motility and crop burns, respectively.
 2. Water:powder ratio may vary due to species. Measuring of powder by weight is recommended; see below for average weight. Suggested mixing ratios include:
 - In the first weeks post-hatch, 90% water:10% powder (by weight).
 - As the bird grows, 70% water:30% powder (by weight).
 3. Mix thoroughly with a fork or whisk until fully mixed.
 - The product will turn pink upon mixing, which is normal and provides important pigments to the birds and ensures that mixing is adequate. Some pigments may not be fully absorbed, and pink feces may be observed.
 4. Refrigerate until feeding time, within 6 hours of mixing. Reheating is not advised
 5. Feed until the crop is full using the appropriate hand-feeding syringe. Do not overfeed.
 - Most chicks will consume 10% or more of their body weight per feeding, but daily monitoring of weights is the most accurate way to ensure proper growth and feeding rates.
 - Several weeks before weaning, provide chicks with the food items that it will be consuming, such as high quality extruded diet (e.g., Mazuri® Parrot Breeder Diet or Mazuri® Small Bird Breeder Diet), plus 10-20% (by weight) fruits, veggies and other food items.

Mazuri® High Energy Hand Feeding Formula

Approximate Nutrient Composition¹

NUTRIENTS

Protein, %	20
Arginine, %	1.6
Cystine, %	0.54
Glycine, %	0.97
Histidine, %	0.59
Isoleucine, %	1.2
Leucine, %	1.9
Lysine, %	1.4
Methionine, %	0.58
Phenylalanine, %	1.2
Tyrosine, %	0.82
Threonine, %	1.0
Tryptophan, %	0.34
Valine, %	1.3

Fat (Ether extract), %	16
Linoleic acid, %	7.8
Omega-3 Fatty Acid, %	1.1
Omega-6 Fatty Acid, %	7.8

Fiber (Crude), %	2.5
Neutral Detergent Fiber, %	3.0
Acid Detergent Fiber, %	1.8

Metabolizable Energy ² , kcal/kg	3,715
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MINERALS

Ash, %	5.1
Calcium, %	1.2
Phosphorus, %	0.79
Phosphorus (non-phytate), %	0.57
Potassium, %	0.77
Magnesium, %	0.12
Sodium, %	0.19
Chloride, %	0.33
Iron, ppm	125
Zinc, ppm	55
Manganese, ppm	80
Copper, ppm	15
Iodine, ppm	0.91
Selenium (added), ppm	0.04

VITAMINS

Thiamin, ppm	14
Riboflavin, ppm	13
Niacin, ppm	91
Pantothenic acid, ppm	23
Choline chloride, ppm	1,685
Folic acid, ppm	5.2
Pyridoxine, ppm	14
Biotin, ppm	0.93
Ascorbic acid, ppm	345
Vitamin B ₁₂ , µg/kg	29
Vitamin A, IU/kg	3,235
Vitamin D ₃ (added), IU/kg	1,980
Vitamin E, IU/kg	145
Vitamin K (as menadione), ppm	8.3
Beta-carotene, ppm	1.3

Storage Conditions

For best results, after removal of required amount store in original container with lid firmly affixed. Store in a cool 75°F or colder, dry (approximately 50% RH) location. Use within 1 year of manufacturing date.

¹ Based on the latest ingredient analysis information. Since nutrient composition of natural ingredients varies, analyses will vary accordingly.

² Calculated using data from domesticated poultry.

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