

**IMPORTANT PLEASE READ! DO NOT FEED TO WILD BIRDS.**  
If you find a baby song bird or other wild bird, before handling or feeding, contact your local wildlife center or veterinarian for advice.

**KAYTEE**

## exact Hand Feeding® Formula



**exact Hand Feeding® Formula** was the first "instant" formula available and is the most researched and respected product used by professional breeders, veterinarians and conservation programs throughout the world.

### Technical Features

- **exact® food** is a balanced, high-nutrient formula helps babies grow faster, wean earlier and develop better, brighter plumage.
- When used properly, **exact® food** will not cause crop slow-down.
- **exact Hand Feeding® Formula** contains probiotics to encourage a healthy population of intestinal microorganisms. The selected species have been chosen specifically for their vitality, stability, and overall benefits to a bird's system.
- **exact® Hand Feeding® Formula** has compatible tastes and ingredients with **exact® Conversion** and **exact® adult** daily diets to help reduce digestive upsets during weaning, or when pulling young from the nest of parents fed **exact®** products.

### Formula Preparation

Please read all the instructions before using the exact Hand Feeding® Formula. For tips on preparation and hand feeding, log on to [kaytee.com](http://kaytee.com) to view the exact Hand Feeding® Formula video.

Use the following chart to mix formula according to the chick's age. It is always advised to weigh formula and water to assure proper concentrations. Volume measurements are less accurate but usually sufficient.

Age Days	Volume		Weight	
	exact®	Water	exact®	Water
hatch - 2	1 part	6 parts**	8%	92%
2 - 5 days	1 part	2-3 parts	16-20%	80-84%
5 - weaning	1 part	1 1/3 - 2 parts	25-30%	70-75%

- \*\* An electrolyte solution may be substituted for the first two days only, but is not necessary.
1. Combine formula and hot water (approx. 120°F) in a clean, sanitized container according to the age chart above. (If your tap water contains bacteria, boiled or bottled water is recommended.)
  2. Mix formula thoroughly and allow it to sit for one minute.
  3. Cool mixture to 105°F (or between 102° - 110°F). Mixture should have the consistency of thick creamy pudding. If a smoother consistency is desired, stir product vigorously at this time which aids in activating added enzymes.

### Special Notes For Preparation

- **Important - Do Not Reuse Mixed Formula!** Discard and mix fresh at each feeding.
- **For hatch to 2 days old** - formula should be made in small quantities and thoroughly stirred before feeding. Separation should be expected and is not a problem at this early stage because primary requirements are for water and water soluble nutrients. After chick is two days old, the food concentration must be increased (see feeding chart).
- **Microwaving should be avoided.** Microwaving can create "hot spots" in the formula and increase the likelihood of accidental crop burns. If required, limit microwaving (on high) to no more than 5 seconds per 1/2 cup of mixed formula at a time. Be sure to follow this with vigorous stirring before retesting the temperature and feeding. Cover large batches of formula while microwaving to avoid a moisture loss. **STIR FORMULA THOROUGHLY TO AVOID POTENTIAL OF BURNING THE CROP.** Always test formula for proper temperature before feeding.

### Guaranteed Analysis

Crude Protein (min.)	19.0%
Crude Fat (min.)	13.0%
Crude Fiber (max.)	5.0%
Moisture (max.)	10.0%
Omega-3 Fatty Acids (min.)	0.5%
Total Bacillus Species (min.)	250,000 CFU/g
<i>(B. licheniformis, B. subtilis) CFU - Colony Forming Units</i>	

### Ingredients

Ground Corn, Ground Wheat, Corn Gluten Meal, Soybean Meal, Soybean Oil, Wheat Middlings, Dried Whole Egg, Dried Molasses Beet Pulp, Coconut Oil, Ground Flax Seed (source of Omega-3), Dicalcium Phosphate, Calcium Carbonate, L-Lysine, Wheat Germ Meal, Brewers Dried Yeast, Salt, Fructooligosaccharide, Potassium Sulfate, Vitamin A Supplement, Choline Chloride, DL-Methionine, L-Arginine, Potassium Chloride, Yeast Extract, Propionic Acid (preservative), Vitamin E Supplement, Vitamin B12 Supplement, Riboflavin Supplement, MitoD Tocopherols (preservative), L-Ascorbyl-2-Polyphosphate (source of Vitamin C), Manganese Proteinates, Copper Proteinates, Ferrous Sulfate, Zinc Oxide, Manganese Oxide, Mercuric Sodium Bisulfite Complex (source of Vitamin K activity), Niacin, Rosemary Extract, Citric Acid, Ethoxyquin (preservative), Calcium Panthothenate, Copper Sulfate, Pyridoxine Hydrochloride, Thiamine Mononitrate, Cholecalciferol (source of Vitamin D3), Beta-Carotene, Folic Acid, Calcium Iodate, Biotin, Cobalt Carbonate, Sodium Selenite, Dried Aspergillus oryzae Fermentation Extract, Dried Bacillus subtilis Fermentation Extract, Dried Bacillus licheniformis Fermentation Product, Dried Bacillus subtilis Fermentation Product.

### Feeding Instructions

Baby birds should be fed on a routine schedule allowing the chick's crop to empty (or nearly empty) between feedings and to determine if bird is being fed the right amount. This prevents any food remaining too long in the crop and possibly spoiling. If the time between crop emptying suddenly increases, and the crop appears to be slowing down, observe the chick closely. See "IMPORTANT NOTES" regarding crop-slow down.

1. Feed mixture with a clean, disinfected syringe, spoon, tube, or other comfortable method. A separate implement should be used for each baby to prevent spread of disease.
2. Dispense food along with the chick's feeding response (rhythmic bobbing motion). This is more natural and decreases the likelihood of formula being inhaled.
3. Feed until the chick's crop is nicely rounded or it refuses any more food, whichever comes first. Do not overfeed or regurgitation may occur. Generally, each meal should consist of a volume equivalent to 10-12% of the bird's body weight.
4. Clean and sanitize feeding equipment after use. Clean any spilled food from the chick and change bedding after each feeding. Good hygiene is critical for a baby bird's health.

**exact Hand Feeding® Formulas** are designed to be the only food for baby birds. Additions to the diet may include fruits and vegetables (such as strained baby foods) but should not exceed 20% of the total diet. **Additional vitamin or mineral supplements should not be added.**

### Weaning Instructions

To encourage the weaning process, **exact® Conversion** diets should be offered when "exploration" begins. When the baby bird is fully feathered, offer **exact® Conversion** diet, or an adult daily diet of **exact Natural®**, or **exact Rainbow®** in a clean food cup, in addition to routine hand feeding. The baby bird will slowly begin to prefer these new forms of the food. Fresh water must be provided at all times. Prolonged use of hand feeding formula beyond the normal weaning age, or excessive feeding, may result in health concerns.

A chick will lose up to 10% of its body weight during weaning as it begins to eat on its own. Birds wean easily onto **exact® Conversion** diets or **exact** adult daily diets because of compatible taste and ingredients.

### Monitoring A Hand Fed Baby Bird

- Monitoring weight gain and loss is the best way to identify a problem before it becomes visibly obvious. Weigh and record the weight of each baby bird every morning before the first feeding.
- A healthy chick should gain weight every day until it begins the weaning process. If weight gain stops, but weight is maintained, watch the bird closely. Loss of weight indicates a problem and should be investigated immediately. Call your avian veterinarian for more information.
- An otherwise healthy bird may not gain weight if it is not receiving enough nutrients. This could happen if the hand feeding formula is mixed too thin (contains too much water); if the formula is diluted with other ingredients, if the bird is not fed enough; or, does not get enough food at each feeding.

### IMPORTANT NOTES

- **DIET CHANGE:** For babies previously fed another hand feeding preparation, including any other **exact Hand Feeding® Formula**, a minimum of 24 to 48 hours is recommended for the dietary changes. During this period, both products should be prepared separately (as directed) and mixed together, with the **exact Hand Feeding® Formula** slowly being increased in proportion until the previous diet has been eliminated. An immediate conversion to **exact Hand Feeding® Formula** may cause crop slow-down due to the dietary change. Use a more dilute formula the first couple of feedings in an attempt to prevent this.

- **CROP SLOW-DOWN:** If crop slow-down should occur, first check for proper environmental temperature as this is a frequent cause of crop problems. Then, mix equal parts of **exact Hand Feeding® Formula** and infant applesauce, or provide additional water by preparing **exact®** at the ratio of one part **exact®** food to two or three parts water. Provide this mixture for approximately 24 hours and then slowly return to the normal concentration of **exact®** food over an additional 24-hour period. During this time, massage the chick's crop gently to break up any food aggregates that may develop. **NEVER** massage the crop when it is more than half full. Allow the crop to empty before feeding again. This method will quickly allow the gastrointestinal tract to stabilize and become fully functional again. The appearance of dark green droppings in a hand fed baby may indicate a temporary shut-down of crop emptying (or the lack of food in the digestive system). If this occurs and the crop contains food, the rate of crop emptying should be immediately evaluated. If no improvement is noted within 36 hours, professional assistance is advised.

- Volume of up to 15% body weight per meal may be provided, but may induce regurgitation in some birds. If regurgitation occurs due to overfeeding, stop feeding, clean food off baby and do not handle. Reduce meal volume at next feeding.

Allergen Information: Manufactured in a facility that processes peanuts and tree nuts.

### Storage Instructions

To maintain maximum freshness remove air from package and reseal tightly. After opening bag use the food within 30 to 45 days. Store in a cool, dry location. Refrigerate or freeze for extended storage.

### Satisfaction Guarantee

If you are not completely satisfied, simply return the unused portion with cash register receipt to:  
Kaytee Guarantee  
521 Clay Street  
Chilton, WI 53014

1-800-KAYTEE-1 • 1-920-849-2321  
customerservice@kaytee.com

Manufactured by:  
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