

Orphaned Puppy Emergency Milk Replacer Recipes

(For temporary use only until commercial milk replacer can be obtained.)

Recipe <small>(Either recipe is fine depending on what ingredients you have available at home.)</small>	Ingredients	Directions
Emergency home-formulated replacer ¹	<ul style="list-style-type: none">• 1 cup (240 ml) cow's milk• 3 egg yolks• 1 drop high quality oral multivitamin solution, if available.*• 1 tablespoon (15 ml) corn oil• Small pinch of salt	Blend uniformly and warm to 95–100°F.** Refrigerate between uses. Discard any unused milk replacer 24 hours after mixing.
Homemade milk replacer for puppies ²	<ul style="list-style-type: none">• 1/2 cup (120 ml) cow's or goat's milk• 1/2 cup (120 ml) water• 2 to 4 egg yolks• 1 to 2 teaspoons vegetable oil• 1,000 mg calcium carbonate, if available.†	Blend uniformly and warm to 95–100°F.** Refrigerate between uses. Discard any unused milk replacer 24 hours after mixing.

* Some examples of oral multivitamin solution for pets are PET-TINIC®, Liqui-Tinic™, and Hi-Vite™ Drops.

† TUMS® is Calcium Carbonate and it comes in 500 mg, 750 mg, and 1,000 mg tablets.

** Avoid warming the milk up in the microwave. Instead, warm the milk by placing it in a warm water bath. You can warm the water bath in the microwave, then soak the milk in the water bath for a few minutes (or however long it takes to warm the milk up to about 95–100°F.)

¹ Lawler, D. F. "Neonatal and pediatric care of the puppy and kitten." *Theriogenology*, vol. 70, no.3, 2008, pp. 384–392.

² Peterson, Michael E. "Care of the Orphaned Puppy and Kitten." *Small Animal Pediatrics: The First 12 Months of Life*, edited by Michael E. Peterson and Michelle A. Kutzler, Elsevier Saunders, 2011, pp.67–72.



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