



HabiStat™

MIXING AND DOSING INSTRUCTIONS

PRODUCTS

PROCEDURE

Water + Acepsis™ HabiStat™ Activator (A) + Base (B) = Concentrate (C)



A



B



C

(Empty Container)

- 1**

STEP 1

Always mix solutions into a **clean, well labeled empty container (C)**.
- 2**

STEP 2

Fill empty container (C) with proper amount of **cold, soft water**.
- 3**

STEP 3

Add proper amount of **HabiStat™ Activator** to container as directed.
- 4**

STEP 4

Add proper amount of **HabiStat™ Base 1000** to container as directed. Cap container immediately after mixing.
- 5**

STEP 5

Allow to activate for **approximately one hour** prior to use.
- 6**

STEP 6

Test solution with LaMotte ClO₂ high range **test strips** prior to use.

HABISTAT™ MIXING GUIDE

CONTAINER VOLUME PRODUCED	TARGET ClO ₂ PPM	WATER		HABISTAT™ ACTIVATOR		HABISTAT™ BASE 1000	
		OZ.	ML	OZ.	ML	OZ.	ML
1.0 GALLON / 3.78 LITERS	250	126	3720	1.0	30	1.0	30
	500	124	3660	2.0	60	2.0	60
2.5 GALLONS / 9.45 LITERS	250	315	9450	2.5	75	2.5	75
	500	310	9300	5.0	150	5.0	150
5.0 GALLONS / 18.90 LITERS	250	630	18600	5.0	150	5.0	150
	500	620	18300	10.0	300	10.0	300

HabiStat[™]

CALF HYGIENE CLEANING PROCEDURES AND USAGE GUIDE

APPLICATION	PROCEDURES	TARGET PPM
CLEANING CALF FEEDING EQUIPMENT / UTENSILS / GENERAL SANITATION / HYGIENE PROCEDURES	<ol style="list-style-type: none"> 1. Rinse all equipment / utensils with warm water (110° F / 45° C), removing organic material before washing. 2. Soak equipment in hot water (140° F / 60° C) sink with a high foaming, chlorinated alkaline detergent (Chlor-A-Foam[™], making sure that pH level is 10.5 - 11.0 pH), for approximately 5 minutes. 3. Scrub vigorously with appropriate brushes for 2 minutes. 4. Rinse with cold water, removing all alkaline detergent. 5. Add HabiStat[™] Concentrate (chlorine dioxide) to cold rinse water, diluting solution to 50 PPM (13 oz. / 1 gallon of water). (To make 50 PPM, mix 1 part 250 PPM to 4 parts water or 1 part 500 PPM to 9 parts water.) 6. Allow all equipment / utensils to air dry thoroughly prior to use. 	50 PPM ClO ₂
CLEANING MATERNITY / CALVING AREAS / CALF PENS / HUTCHES / FLOORS / WALLS / LIVESTOCK TRAILERS	<ol style="list-style-type: none"> 1. Remove all animals from targeted cleaning area. 2. Remove all organic materials from hutch / pen areas / trailers (bedding, manure, feed, etc.) 3. Thoroughly soak rinse targeted areas, from high to low, with warm water. 4. Apply high foaming, alkaline detergent (Chlor-A-Foam[™]) making sure that pH level is 10.5 – 11.0 pH, allowing to soak for 5 – 10 minutes. 5. Scrub surfaces vigorously with appropriate brushes for 2 minutes. 6. Rinse with cold water, removing all alkaline detergent. 7. Spray all surfaces with diluted HabiStat[™] Concentrate (chlorine dioxide) at 100 PPM, spraying from highest to lowest area. (To make 100 PPM, mix 1 part 250 PPM to 1.5 parts water or 1 part 500 PPM to 4 parts water.) 8. Allow facilities to air dry prior to use. 	100 PPM ClO ₂
ENVIRONMENTAL FOGGING / NO ANIMALS PRESENT	<ol style="list-style-type: none"> 1. Close all walls / outside ventilation to seal targeted environment. 2. Wear appropriate safety gear, including breathing apparatus, eye protection and rubber gloves when working with ClO₂ above 200 PPM. 3. Remove all animals from targeted environment prior to fogging. 4. Use approximately 1 gallon of 500 PPM HabiStat[™] Concentrate (chlorine dioxide) per 2000 cubic feet. 5. Turn on fogging equipment and leave area for approximately 45 minutes. 6. Allow 60 minutes of contact time. 7. Open walls, turn on ventilation for approximately 60 minutes prior to restocking the housing area with animals. 	500 PPM ClO ₂

For more information, call Acepsis[™] or your local representative.



ACEPSIS[™], LLC is an animal health based company that is focused on the development of state-of-the-art animal hygiene technologies. Our Company's mission is to apply innovative animal hygiene technologies into the agricultural and veterinary market sectors.