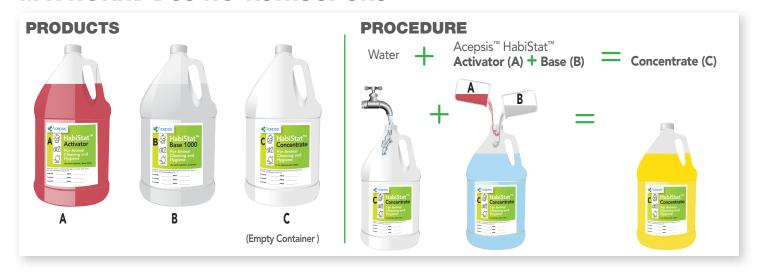


ADVANCED HYGIENE TECHNOLOGY

MIXING AND DOSING INSTRUCTIONS



- 1. Always mix solutions into a clean, well labeled empty container (C).
- 2. Fill empty container (C) with proper amount of cold, soft water.
- 3. Add proper amount of HabiStat™ Activator to container as directed.
- 4. Add proper amount of HabiStat™ Base 1000 to container as directed. Cap container immediately after mixing.
- 5. Allow to activate for approximately one hour prior to use.
- 6. Test solution with LaMotte ClO₂ high range test strips prior to use.

CONTAINER VOLUME PRODUCED TARGET CIO₂ PPN 1.0 GALLON / 3.78 LITERS 250 500 2.5 GALLONS / 9.45 LITERS 250 500	0Z. 126	ATER ML 3720	HABI! ACTIV OZ.	STAT™ /ATOR ML	HABI: BASE OZ.	
1.0 GALLON / 3.78 LITERS 500	126					
1.0 GALLON / 3.78 LITERS 500		3720	1.0	30	1.0	20
2.5 GALLONS / 9.45 LITERS 500	124 315 310	3660 9450 9300	2.0 2.5 5.0	60 75 150	2.0 2.5 5.0	60 75 150
5.0 GALLONS / 18.90 LITERS 250 500	630 620	18600 18300	5.0 10.0	150 150 300	5.0 10.0	150 300



ADVANCED HYGIENE TECHNOLOGY

CALF HYGIENE CLEANING PROCEDURES AND USAGE GUIDE

APPLICATION	PROCEDURES	TARGET PPM
CLEANING CALF FEEDING EQUIPMENT / UTENSILS / GENERAL SANITATION / HYGIENE PROCEDURES	 Rinse all equipment / utensils with warm water (110° F / 45° C), removing organic material before washing. 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. Scrub vigorously with appropriate brushes for 2 minutes. Rinse with cold water, removing all alkaline detergent. 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.) Allow all equipment / utensils to air dry thoroughly prior to use. 	50 PPM CIO ₂
CLEANING MATERNITY / CALVING AREAS / CALF PENS / HUTCHES / FLOORS / WALLS / LIVESTOCK TRAILERS	 Remove all animals from targeted cleaning area. Remove all organic materials from hutch / pen areas / trailers (bedding, manure, feed, etc.) Thoroughly soak rinse targeted areas, from high to low, with warm water. 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. Scrub surfaces vigorously with appropriate brushes for 2 minutes. Rinse with cold water, removing all alkaline detergent. 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.) Allow facilities to air dry prior to use. 	100 PPM ClO₂
ENVIRONMENTAL FOGGING / NO ANIMALS PRESENT	 Close all walls / outside ventilation to seal targeted environment. Wear appropriate safety gear, including breathing apparatus, eye protection and rubber gloves when working with ClO₂ above 200 PPM. Remove all animals from targeted environment prior to fogging. Use approximately 1 gallon of 500 PPM HabiStat™ Concentrate (chlorine dioxide) per 2000 cubic feet. Turn on fogging equipment and leave area for approximately 45 minutes. Allow 60 minutes of contact time. Open walls, turn on ventilation for approximately 60 minutes prior to restocking housing area with animals. 	500 PPM CIO₂

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. Visit us at www.acepsis.com.



