

QUICK SANITIZING PROCEDURE

Appendix 5

The purpose of this procedure is to sanitize the components directly exposed to each diver's mouth and nose to help eliminate germs. KMDSI recommends sanitizing after each diver when in use by multiple divers, and after each diving day when used by a single diver. To accomplish this properly, all components exposed to the diver's breathing should be sanitized. On the SuperLite Helmets, KM-37 and KMB Band Masks, this will include the Oral Nasal Mask and internal cavity of the Demand Regulator. For best results, the Demand Regulator Cover and Diaphragm should be removed so the interior surfaces, as well as the Diaphragm, can be properly exposed to the cleaning solution and rinse water.

CAUTION: Carefully dilute germicidal cleansing solutions in accordance with the manufacturer's recommendation. If solution is not of the recommended strength, it will not act as an effective disinfectant. Failure to thoroughly rinse germicidal cleansing solution from diving equipment may result in lung irritation and/or long-term degradation of rubber and silicone components.

Listed below are four solutions, used by the U.S. Militaries, which have proven to be effective when used in accordance with the manufacturer's recommendations. If no other solutions are available, a solution of mild dish detergent and water and hand scrubbing with a soft brush or rag can be done.

- 1. SaniZide Plus:** P/N: 34805 (spray) or 34810 (gallon), Ready to use; do not dilute.
SAFETEC of America, Inc
1055 E. Delavan Ave.
Buffalo, NY 14215 USA
1-800-456-7077
- 2. Advance TB_E:** P/N: AD160 (spray) or AD1128 (gallon), Infection Control Technology available):
Ready to use.
Infection Control Technology
1751 So. Redwood Rd.
Woodscross, UT 84087 USA
1-800-551-0735
- 3. Bi-Arrest 2:** P/N: BP201 (4 ounces) or BP 222 (32 ounces), Infection Control Technology. Mix two pumps of the concentrate with 16 ounces of fresh water.
Infection Control Technology
1751 So. Redwood Rd.
Woodscross, UT 84087 USA
1-800-551-0735

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4. **Confidence Plus:** P/N: 10009971 (32 ounces) Mix one ounce of concentrate with one gallon of fresh water.

Mine Safety Appliances
1-800-MSA-2222

Sanitizing Procedure: Unless otherwise directed, use the following procedure to disinfect the Oral Nasal Mask and Demand Regulator: For disassembly and reassembly procedures, refer to the appropriate KMDSI Operations and Maintenance Manual.

- 1) Wet or immerse all components to be sanitized. Allow to stay in contact with the solution for at least 10 minutes while lightly scrubbing over the components with a nylon toothbrush or clean dishrag to help remove mucus or saliva build up.
- 2) If the solution appears to be drying, apply more solution to keep it wet for the full 10 minutes.
- 3) After 10 minutes, thoroughly rinse components under running potable water while brushing or rubbing.
- 4) If the equipment is not being used immediately, allow the components to air dry or pat dry with a clean towel and reassemble.

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