

Alcide[®] PART 2
ACTIVATOR CONCENTRATE

exspor

4 : 1 : 1 STERILANT-DISINFECTANT

**THE 3-MINUTE SYSTEM FOR
 INFECTION AND CONTAMINATION CONTROL**



PART 2
 ACTIVATOR CONCENTRATE

Alcide[®] exspor
 4:1:1 STERILANT-DISINFECTANT

This statement refers only to the unmixed EXSPOR Activator Concentrate:
CAUTION — HAZARDS TO HUMANS
 Causes eye irritation. Avoid contact with eyes or clothing. Wash skin thoroughly with soap and water after handling.
FIRST AID: If in eyes, flush eyes with plenty of water. Call a physician if irritation persists.

NOT RECALLED
 In Accordance with FR Notice 02-2
 based on Draft Labeling Dated

FOR USE WITH EXSPOR[®] BASE (Part 1)

Contains 8.6% Organic Acid

Follow directions for mixing, use, storage and disposal on the EXSPOR BASE label. Wash measuring container before use. Base Concentrate must be diluted with water prior to adding Activator Concentrate (see "Preparation" section of Base Concentrate label). Improper preparation can result in excessive generation of chlorine dioxide fumes.

Keep Out of Reach of Children
CAUTION — See Back Panel
For Additional Precautionary Statements

Contents 1 Gal.

U.S. Patent No. Re. 31,779
 Other Patents Pending
 Foreign Patents
 EPA Est. No. 45631-CT-01

Alcide CORPORATION
 Norwalk, Connecticut 06851
 1989 Alcide Corporation

See Part 1 Label — DIRECTIONS FOR USE.

WARRANTY LIMITATION AND DISCLAIMER
 ALL EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE OR OTHERWISE ARE EXPRESSLY EXCLUDED. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. In the event this product or its performance shall not conform with the description on the face hereof, Manufacturer's sole obligation shall be to refund to Purchaser the purchase price hereof, or to replace this unit of product with a conforming unit at Seller's option. Purchaser agrees that such refund or replacement shall be Purchaser's sole remedy for claims arising out of the purchase or use of this product. Before using this product, user shall determine the suitability of the product for its intended purpose and user assumes all risk and liability in connection therewith. User shall be responsible for its compliance with all federal, state and local laws and regulations regarding the product and its use, storage, handling and disposal.

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The product is prepared according to "Directions for Use" appearing on the Base Concentrate label. It is important that only clean, non-metallic mixing vessels (free of any residues) be used.

When the product is sprayed, fogged, used on large surface areas or in confined spaces, significant evolution of chlorine dioxide can occur. **Adequate ventilation is mandatory.** Personnel should be equipped with a NIOSH-approved chlorine dioxide gas mask or self-contained breathing apparatus. Guidelines for the use of such equipment are contained in OSHA Standards for General Industry (29 CFR PART 1910.134 and Section 1910.1000 Air Contaminants, Table Z-1). Permissible exposure limits (PEL's) for chlorine dioxide are defined as 0.1 ppm for an 8-hour time weighted average and 0.3 ppm for a 15-minute short term exposure limit.

When fogging, a suitable fogging machine should be used. Analab in Norwood, MA manufactures two fogging units:

- a) Fogmaster 7401 Micro-Jet VLV Fogger
- b) Fogmaster 6208 Tri-Jet Fogger

With typical laboratory ceiling heights, use one gallon of product per 20,000 cubic feet (2000 square feet). Fog room for 15-30 minutes and allow surfaces to air dry for 10-15 minutes before entering room. The goal should be the thorough wetting of surfaces for at least three minutes. If surfaces are saturated as recommended, the efficacy of the product is the same as any other method of application. The ambient temperature should be 68° - 72°F (20° - 22°C).

NOTE: Vapor generation by contact with a heated surface is unsuitable and dangerous. Product must be used at room temperature.

Precautions

To minimize the liberation of chlorine dioxide gas from the use-dilution mixture during storage, store the prepared solution in a cool, dark place in a closed container with minimal space between the surface of the solution and the container lid.

Prolonged or repeated exposures will oxidize metals, including aluminum and stainless steel. Do not use on copper, brass or bronze. Formica, glazed ceramic or stone surfaces should be wiped clean with a damp cloth. You may also wish to close air conditioning inlet and outlet vents in order to avoid any possibility of corrosion of ducts.

Avoid contact of the use dilution mixture with other chemicals; particularly bleach, strong acids or bases, phenols, alcohols and strong oxidizers or their residues. If a surface is contaminated with a residue, it should be washed and rinsed thoroughly before the application of any Alcide product.

The residues of Alcide products consist of sodium chloride, sodium chlorate, surfactant and acid activator, which is an innocuous material. The residue will not harm humans or animals.

NOT REVIEWED
In Accordance with FR Notice 62-24
based on Draft Labeling Data

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EXSPOR® 4:1:1 STERILANT-DISINFECTANT

Preparation

Prepare Exspor Sterilant-Disinfectant according to label directions using non-metallic mixing vessels, free of residues or other chemical agents.

Action

The prepared product contains a reservoir of chlorous acid which partially converts to chlorine dioxide, both of which are active microbiocides. For the first 24 hours after mixing, the prepared Exspor solution may be used as a sterilizing soak. The prepared solution may be used as a disinfectant for a period of 14 days. Exspor Sterilant-Disinfectant provides the most rapid action as both a disinfectant and cold sterilant of any EPA-registered product (see Applications).

Disposal

Discard used solution after each day's use. Used and expired solution may be disposed of by flushing down the drain.

Applications

***Spray/Wipe:** Spray or wipe the surface to be disinfected allowing a 3-minute contact time at 20°C to effect high-level disinfection. If a surface is to be treated frequently, a water rinse will prevent the build up of any chemical residues (chloride, chlorate and organic acid).

***Soak:** Immerse the item to be treated in the prepared solution for three minutes at 20°C for high level disinfection. Under the EPA recognized AOAC protocol, full sterilization of all organisms, including vacuum dried spores, can be achieved in six hours.

***Special Instructions for Cleaning and Decontaminating Against HIV-1 (AIDS) Virus on surfaces/objects soiled with Blood/Body Fluid:** Exspor kills HIV-1 (AIDS) Virus at a 30 second contact time. This contact time is not sufficient to control other organisms. See product labeling for specifics. Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of Exspor Sterilant-Disinfectant. When handling items soiled with blood and body fluids, wear protective barriers such as disposable latex gloves, gowns, masks and/or eye coverings. Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

Precautions

***Metal Items and Instruments:** Prolonged or repeated use on metal surfaces, which are either unpainted or otherwise not treated to resist corrosion, will result in surface oxidation. High level disinfection can be readily accomplished while minimizing the risk of oxidation by following these steps:

- apply the use-dilution to the item to be disinfected;
- allow the surface to remain wet for three minutes maximum;
- rinse thoroughly with water;
- towel or air dry the item.

***Other Chemical Agents:** Avoid contact of the use dilution mixture with other chemicals, particularly bleach, strong acids or bases, phenols, alcohol, strong oxidants or any of their residues. If such residues are present, the surface should be washed and rinsed thoroughly before application of Exspor Sterilant-Disinfectant.

***Ventilation: Always use in a well-ventilated area.** Avoid breathing fumes. Decontamination of confined or large-volume areas: The quantity of chlorine dioxide generated in the air may exceed OSHA Permissible Exposure Limits (PEL's) and may require respiratory protection. Limits are defined as 0.1 ppm for 8-hour time weighted average, and 0.3 ppm for 15-minute short term exposure limit (29 CFR PART 1910.134 and Section 1910.1000, Air Contaminants, Table Z-1). Personnel should contact their resident safety officer or Alcide Corporation for information on appropriate protective gear when such application is undertaken.

First Aid

- Eye Irritation:** If in eyes, flush with plenty of water. Seek medical attention if irritation persists.
- Fume Inhalation:** If respiratory irritation is experienced, leave the area immediately. If irritation persists, seek medical attention.

Technical Assistance

If questions arise with respect to the use of this product, contact Alcide Corporation at (203) 847-2555 and request a Technical Service Representative.

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