

ECOLAB®

47060

Net Contents: 50 U.S. gal/189.3 L



9203.449

KLENZ-PAK™

Commercial Sterilant for Aseptic Manufacturing and Packaging Equipment for Food Processing

ACTIVE INGREDIENT:

Hydrogen Peroxide.....	35.0%
INERT INGREDIENT:.....	65.0%
TOTAL:.....	100.0%

**KEEP OUT OF REACH OF CHILDREN
DANGER**

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: CORROSIVE: Causes irreversible eye damage and skin burns. May be fatal if inhaled or absorbed through the skin. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Do not breathe vapor or spray mist. Wear protective eyewear (goggles, face shield, or safety glasses), protective clothing and rubber gloves. Wash thoroughly after handling with soap and water, and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse. Wear a mask or pesticide respirator jointly approved by Mine Safety and Health Administration and the National Institute for Occupational Safety and Health.

FOR COMMERCIAL USE STRONG OXIDIZING AGENT

EPA Reg. No.: 1677-228
EPA Est.: 60156-IL-1 (SI), 1677-IL-2 (J), 1677-TX-1 (D), 1677-GA-1 (M), 1677-CA-1 (S), 1677-MN-1 (P), 70271-CA-2 (A), 1677-CA-2 (R), 1677-WV-1 (V).
Superscript refers to first letter of date code.

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FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminate clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**FOR EMERGENCY MEDICAL INFORMATION IN USA OR CANADA,
CALL: 1-800-328-0026.**

**FOR EMERGENCY MEDICAL INFORMATION WORLDWIDE,
CALL: 1-651-222-5352 (IN THE USA).**

Have the product container label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

PHYSICAL AND CHEMICAL HAZARDS: Strong oxidizing agent. Corrosive. Contact with combustibles may cause fire. Contamination may cause rapid decomposition and generation of large quantities of oxygen and heat.

ENVIRONMENTAL HAZARDS: This product is toxic to birds, fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

COMMERCIAL STERILIZATION

Klenz-Pak can be used to achieve commercial sterility of food-packaging materials and food processing equipment.

COMMERCIAL STERILIZATION OF FOOD PACKAGING MATERIALS

Commercially sterilize food packaging materials with undiluted *Klenz-Pak*. Apply *Klenz-Pak* by immersion, coarse spray, mist or circulation techniques as appropriate to food packaging materials. Surfaces must be exposed to *Klenz-Pak* for a period of 20 seconds at 75°C. This product, when used per label directions, is effective against *Bacillus subtilis* and *Clostridium sporogenes*.

Klenz-Pak may be used to sterilize containers for aseptic food packaging of low acid foods that has a schedule process accepted by FDA. The aseptic food processing operation must comply with all applicable FDA regulations, including, but not limited to 21 CFR parts 108, 110, and 113 and/or 114. Use in an aseptic food processing operation includes testing required for the process validation.

COMMERCIAL STERILIZATION OF MANUFACTURING FILLING AND PACKAGING EQUIPMENT FOR FOOD PROCESSING

Prior to use of this product, remove gross soil particles from equipment surfaces, thoroughly clean surfaces, and follow with a potable water rinse. Commercially sterilize pre-cleaned manufacturing, filling and packaging equipment with undiluted *Klenz-Pak* by immersion, coarse spray or circulation techniques as appropriate. Surfaces must be exposed to *Klenz-Pak* at a temperature of 75°C for 20 seconds, unless a longer time is specified by the governing food processing authority. This product, when used per label directions, is effective against *Bacillus subtilis* and *Clostridium sporogenes*.

This product may be used for Aseptic Packaging of Low Acid Foods that has a scheduled process by FDA. The aseptic food processing operations must comply with the all applicable FDA regulations, including, but not limited to 21 CFR parts 108, 110, 113 and/or 114. Use in an aseptic food processing operation includes testing required for the process validation.

This product is not for use as a sterilant on medical devices.

STORAGE & DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE AND DISPOSAL.

STORAGE: Product should be kept cool and in a vented container to avoid any explosion hazard.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip the container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.