

ECOLAB®

12978

EPA Reg. No. 1677-89
 EPA Est. 1677-IL-2 (J), 1677-NJ-1 (W), 1677-TX-1 (D), 1677-CA-2 (R),
 1677-OH-1 (H), 1677-GA-1 (M), 1677-CA-1 (S), 1677-MN-1 (P), 1677-PR-1 (B)
 Superscript refers to first letter of date code.

BAC-FLUSH™

Concentrated Iodine Based Sanitizer

ACCEPTED

SEP - 1 1989

Under the Federal Insecticide, Fungicide, and
 Rodenticide Act as amended, for the
 pesticide, registered under
 EPA Reg. No. 1677-89

ACTIVE INGREDIENTS

Iodine* 3.65%
 Phosphoric Acid 23.00%
 INERT INGREDIENTS 73.35%

*From Polyethoxypolypropoxypolyethoxyethanol-iodine complex

Formula provides 3.5% titratable iodine equivalent to 42,000 ppm weight/volume

For Industrial & Agricultural Use Only

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Insert
 DANGER: Corrosive, causes irreversible eye damage and burns. Do not get in eyes. Wear goggles or face shield. Do not get on skin or on clothing. Wear protective clothing and rubber gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Harmful or fatal if swallowed. Avoid contamination of foods.

ENVIRONMENTAL HAZARDS

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 the 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.

Manufactured by:

ECOLAB

FOOD & BEVERAGE DIVISION
 Ecolab Inc.
 370 Wabasha Street
 St. Paul, MN 55102

55 U.S. GALS.
 (208 2 1)

KLENZADE®
 Engineered
 Cleaning Solutions

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

DIRECTIONS FOR SANITIZING DAIRY, BEEHIVE AND FOOD EQUIPMENT:

FOR EQUIPMENT, TANKS, VATS, PAILS, PIPELINES AND CLOSED SYSTEMS—after the equipment has been cleaned and rinsed, and just prior to use, sanitize with Klenzade BAC-FLUSH at a concentration of 12.5 ppm titratable iodine for at least a 2 minute exposure time. Drain thoroughly. BAC-FLUSH may be used as a final sanitizing rinse for returnable and nonreturnable bottles at 6 ppm titratable iodine.

SANITARY FILLING:
 For sanitizing bottles or cans in the final rinse application, BAC-FLUSH is proportioned into the final rinse water line of the container washer or rinsers in concentration of 8 to 12 ppm. The exact concentration required will be determined by local conditions.

A BAC-FLUSH solution containing 20 to 25 ppm should be used in an external spraying application for the filler and closing machine. BAC-FLUSH is also recommended for use in the internal filter sanitation program. Drain thoroughly.

DIRECTIONS FOR SANITIZING POULTRY AND MEAT PROCESSING EQUIPMENT:
 FOR EQUIPMENT—after washing and rinsing equipment and just before use, sanitize with a BAC-FLUSH concentration of 25 ppm titratable iodine for at least a 2 minute period. Drain thoroughly.

SANITIZATION OF WATER SUPPLIED FOR POULTRY:
 For poultry drinking water treatment, for every 52 gallons of water use 1 ounce of BAC-FLUSH continuously proportioned into the water supply line to provide 6 ppm titratable iodine.

This use of BAC-FLUSH is not intended to control the transmission of disease within the rearing area.

NOTE: FOR MECHANICAL OPERATIONS, prepared use solutions may not be reused for sanitizing but may be reused for other purposes such as cleaning.

FOR MANUAL OPERATIONS, fresh sanitizing solutions should be prepared as soon as they become diluted or soiled.

DAIRY FARMS:
FOR UDDER WASHING—Use a 25 ppm titratable iodine solution applied as a spray or wash with individual paper towels.

FOR MUSHROOM GROWING OPERATIONS:
FOOD CONTACT SURFACES: To sanitize growing trays, picking baskets, and picking utensils, thoroughly clean before sanitizing. Then spray thoroughly with a solution of 1.0 ounce BAC-FLUSH per 13 gallons of water, (provides 25 ppm titratable iodine) for at least 2 minutes. Drain thoroughly.

NON-FOOD CONTACT SURFACES: To disinfect, thoroughly clean unit (empty room, spawn and case corridors, growing corridor) before spraying with a solution of 11.5 ounces BAC-FLUSH per 50 gallons of water (provides 75 ppm titratable iodine).

USE DILUTION TABLE

BAC-FLUSH	WATER	TITRATABLE IODINE	USE
1 oz.	13 gallons	25 ppm	sanitizing
1 oz.	26 gallons	12 1/2 ppm	sanitizing
1 oz.	30 gallons	10 ppm	sanitary filling
1 oz.	52 gallons	6 ppm	final sanitizing rinse

BAC-FLUSH complies with Section 178.1010 of the U.S. Food and Drug Administration Food Additive Regulations. When used to sanitize food processing equipment and utensils at concentrations of 25 ppm titratable iodine or less, a potable water rinse is not required.

STORAGE AND DISPOSAL

PESTICIDE DISPOSAL:
 Do not contaminate water, food or feed by storage or 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:
 Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: FLUSH IMMEDIATELY WITH COOL WATER. REMOVE CONTACT LENSES. CONTINUE FLUSHING FOR 15 MINUTES, HOLDING EYELIDS APART. GET PROMPT MEDICAL ATTENTION.

IF ON SKIN: IMMEDIATELY FLUSH SKIN WITH PLENTY OF COOL RUNNING WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

IF SWALLOWED: DRINK PROMPTLY LARGE QUANTITIES OF WATER. AVOID ALCOHOL. DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

CONTACT A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY

FOR EMERGENCY MEDICAL INFORMATION, CALL TOLL-FREE: 1-800-328-0026

NET CONTENTS:

PM 321
 16977-89

9-1-98

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Insert

PRECAUTIONARY STATEMENTS-HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: CORROSIVE. Causes irreversible eye damage or skin burns. Harmful if swallowed or adsorbed through skin or inhaled. Do not get in eyes, on skin or on clothing. Avoid breathing spray mist. Wear goggles or face shield. Wear protective clothing and rubber gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush immediately with plenty of water while holding eyelids apart. Remove any contact lenses and continue flushing for 15 minutes. Call a poison control center or physician immediately.

IF ON SKIN: Remove contaminated clothing. Flush with plenty of water and wash affected area with mild soap and water. If symptoms persist, call a poison control center or physician.

IF SWALLOWED: Immediately rinse mouth out with water and give sips of water. DO NOT INDUCE VOMITING. NEVER give anything by mouth to an unconscious person. Call a poison control center or physician immediately.

IF INHALED: Remove person to fresh air. If breathing becomes difficult or symptoms develop, call a poison control center or physician.

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ACCEPTED
SEP - 1 1998
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