ECOLAB®

MIKROKLEINE® DF

Iodine Based Detergent Sanitizer

ACTIVE INGREDIENTS:
Iodine* 2.00%
Phosphoric Acid 6.55%
INERT INGREDIENTS 91.45%
TOTAL 100.00%

*From Butyloxypropoxypolyethoxysulfoxyethanol-iodine complex.

KEEP OUT OF REACH OF CHILDREN
DANGER

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER: CORROSIVE. Causes irreversible eye damage or skin burns. Harmful if swallowed or absorbed through the 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 washing clothes before reuse.

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 U.S. Environmental Protection Agency.

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 contaminated 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 immediately 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: 1-800-328-0205.
FOR EMERGENCY MEDICAL INFORMATION WORLDWIDE, CALL: 1-601-222-5332 (ON THE USA).

Have the product container or 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.

CONTAINS NOT MORE THAN 2.1% PHOSPHORUS, 0.2 g per gal. of average recommended use concentration.

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

DIRECTIONS FOR SANITIZING DAIRY AND FOOD EQUIPMENT
FOR EQUIPMENT, TANKS, VATS, PAILS, PIPES, AND CLOSED SYSTEMS: Remove gross food particles and soil by a preflush, or prescrub, and then necessary presoak treatment. After the equipment has been cleaned and rinsed, just prior to use, sanitize with Mikrokleine DF at a concentration of 12.5 ppm trivalent iodine for at least a two minute exposure time. Use immersion, spray or circulation technique as appropriate. Drain thoroughly. Mikrokleine DF may be used as a final sanitizing rinse for returnable and non-returnable bottles at 6 ppm trivalent iodine.

DIRECTIONS FOR SANITIZING POULTRY AND MEAT PROCESSING EQUIPMENT:
FOR EQUIPMENT: After washing and rinsing equipment and just before use, sanitize with a Mikrokleine DF concentration of 25 ppm trivalent iodine for at least a two minute exposure period. Use immersion, spray or circulation technique as appropriate. Drain thoroughly.

FOR CONTINUOUS TREATMENT OF MEAT AND POULTRY CONveyORS: Wash, rinse, and sanitize conveyance equipment. During processing, apply Mikrokleine DF at a 25 ppm trivalent iodine level to conveyors with Micro-Master feeding equipment. Controlled volumes of sanitizer are applied to return portion of conveyor through nozzles located to allow maximum drainage of sanitizer from equipment and to prevent puddles on top of belt.
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 at least daily or more often if the solution becomes diluted or soiled.

DILUTION TABLE
ppm trivalent iodine
6 12.5 25 75
Oz. Mikrokleine DF per 5 gallons of water 1/4 1/2 1 3

Use at recommended dilutions and at a temperature not exceeding 110°F. Keep from freezing.

SANITIZING – NON-POUROUS GLOVED HANDS: To prevent the spreading of harmful organisms into animal areas and to protect packaging and storage areas of food plants, dip prewashed plastic, latex, or other synthetic rubber/gloved hands into a suitable clean container that contains enough freshly made sanitizing solution to cover the gloved area. Do not let sanitizing solution come into contact with exposed skin. Make up the sanitizing solution by adding 1/2 oz. of this product per 5 gallons of water (or equivalent use dilution) (12.5 ppm trivalent iodine). Dip (soak) in solution for 60 seconds. No potable water rinse is allowed. Change the sanitizing solution in the bath at least daily or when solution appears dirty.

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

PESTICIDE STORAGE: Store this product in a cool, dry area, away from direct sunlight and heat.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsewater 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, 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 (or equivalent) promptly after emptying. Offer for recycling, if available, or discard in trash.

Manufactured by:
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