



DIRECTIONS FOR USE:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. On pre-cleaned food contact surfaces **RAPIDYNE** is effective against *Salmonella choleraesuis*, *Listeria monocytogenes* and *Escherichia coli*, O157:H7, Hemorrhagic.

USE DILUTION TABLE

RAPIDYNE	WATER	TITRATABLE IODINE
2 oz.	13 gallons	50 ppm
1 oz.	13 gallons	25 ppm
1 oz.	30 gallons	10 ppm

Rapidyne is not adversely affected by common water hardness or low temperatures.

NOTE: RAPIDYNE IS A CONCENTRATE AND MUST BE DILUTED BEFORE USE. Do not mix *Rapidyne* with hot water. Use cool or tepid water only.

NOTE: *Rapidyne* is recommended for use in stainless steel equipment only.

FOR USE IN PLANTS: *Rapidyne* is especially formulated for use by the bottling, beverage and food processing industries, as well as milk and ice cream processing plants to insure sanitary filling procedures, sanitizing fillers, syrup lines, tanks, etc. *Rapidyne*, when used continuously as a sanitizing spray on walls, conveyors, equipment and floors, will sanitize surfaces and reduce or eliminate odors throughout the processing area. *Rapidyne* may be used as a sanitizer at 12 1/2 to 25 ppm iodine throughout milk and ice cream processing areas and on filling equipment to reduce or eliminate E. Coli which are usually associated with condensation found on equipment, pipes, etc. In addition, continual use of *Rapidyne* as a sanitizer at 25 ppm will prevent the formation of milk stone on processing equipment. *Rapidyne* may be used at 25 ppm as a sanitizer in frozen and fresh-pack processing plants, and is effective in reducing cross-contamination. *Rapidyne* proportioned into pre-rinse of non-returnable bottles and final rinse of returnable bottles at 4 to 6 ppm will produce a final sanitized bottle.

Follow your state and local Health Department requirements for sanitizing food processing equipment. For sanitizing equipment in meat, poultry, rabbit and egg processing plants, clean surfaces with detergent wash and rinse with potable water. Final rinse with a solution of 1 ounce of *Rapidyne* and 13 gallons of water, allow a one minute contact time.

SOFT DRINK IN-PLACE SANITIZING: For one-step in-place sanitizing of bottling or pre-mix dispensing equipment, thoroughly rinse equipment with cold or lukewarm water. Fill equipment with a solution of 1 oz. *Rapidyne* to 13 gallons of water (25 ppm titratable iodine). Allow the solution to remain in contact with equipment until operations resume, at least one minute. Drain sanitizing solution from the system. To insure the thorough removal of flavors, it is suggested that during change-over between products, the system should be flushed with a sanitizing solution of *Rapidyne*. Rinse thoroughly with water before the use of sanitizing solution (1 ounce of *Rapidyne* to 13 gallons of water). For sanitizing and disinfecting exterior portions of the equipment, thoroughly wet and scrub surface with a solution of 2 oz. of *Rapidyne* to 13 gals of water. Rinse before use.

SANITARY FILLING: *Rapidyne* is recommended for use in sanitizing bottles and cans in the final rinse application. *Rapidyne* is proportioned into the final rinse water line of the container washer or rinsar in concentration of 8 to 12 ppm. The exact concentration required will be determined by local conditions. Allow one minute contact time. A *Rapidyne* solution containing 20 to 25 ppm should be used in an external spraying application for the filler and closing machine. *Rapidyne* is also recommended for use in the internal filler sanitation program.

STORAGE TANK SANITIZING: *Rapidyne* is recommended for sanitizing beer fermentation and holding tanks. A solution of 20 to 25 ppm should be applied by spraying or used in combination with automated cleaning systems. A final fresh-water rinse is not recommended.

Rapidyne cleans and brightens cans.

Rapidyne helps reduce the growth of microorganisms in retort cooling water.

Rapidyne should be added to the retort cooling water in sufficient quantity to maintain 0.1 to 0.5 ppm iodine at the discharge side. To reach this level of iodine, an initial concentration of 5 ppm iodine is recommended (1 oz. of *Rapidyne* to 55 gallons of water.) The amount of *Rapidyne* required will depend on the organic load and the alkalinity of the water. A suitable iodine test kit, capable of measuring iodine in the range of 0.1 to 0.5 ppm, should be used to check iodine levels.

FOR INDUSTRIAL USE ONLY

rapidyne® GERMICIDE-SANITIZER

7591 "Tamed Iodine" Concentrate

ACTIVE INGREDIENTS:

Iodine*	3.50%
Phosphoric Acid	24.70%
INERT INGREDIENTS:	71.80%
Total	100.00%

*From Polyethoxy polypropoxy polyethoxy ethanol-iodine complex

EPA Reg. No. 4959-36-10190 EPA Est. No. 054612-CN-001

KEEP OUT OF REACH OF CHILDREN

DANGER: Corrosive

See side panel for additional precautionary statements.

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. Call a Poison Control Center or doctor for treatment advice.

If On Skin: 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 the Poison Control Center or doctor. Do not give anything to an unconscious person.

If Inhaled: Move person to fresh air. If person is not breathing call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a Poison Control Center or doctor for treatment advice.

Have the product container or label with you when calling a Poison Control Center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency treatment.

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

Rapidyne is regulated by the U.S. Food and Drug Administration under the Food Additive regulation for use on food processing equipment and utensils up to 25 ppm of titratable iodine, without requiring a rinse with potable water.

NET CONTENTS: 1 Gallon

LOT NO.



SOLD BY **PENETONE CORPORATION**
700 GOTHAM PARKWAY, CARLSTADT, NJ 07072
EMERGENCY PHONE NUMBERS: 201-567-3000 OR CHEMTREC: 800-242-9300

(NOV 11)

PRECAUTIONARY STATEMENTS - HAZARD 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 wash clothing before reuse.

PHYSICAL AND CHEMICAL HAZARDS: Mix only with water following label directions. Do not mix with chlorinated cleaners and sanitizers. Toxic chlorine gas will be formed. Contact with soft metals may generate hydrogen gas. Do not use or store near heat or open flame.

ENVIRONMENTAL HAZARDS: This product is toxic to fish and aquatic organisms. Do not contaminate water by cleaning of equipment or disposal of wastes. 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.

STORAGE AND DISPOSAL:

Do not contaminate food, water, or feed by storage or disposal.

PESTICIDE STORAGE: Keep container closed when not in use. Do not store below 0°F for extended periods. **PESTICIDE DISPOSAL:** Do not contaminate food, water, or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide wastes 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 container (or equivalent) promptly after emptying. **5 Gallon or less containers** - Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. 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.

COPY FOR REVIEW ONLY

NOT VALID FOR ANY OTHER USE.