

Precautionary Statements
Hazard to Humans
and Domestic Animals

DANGER

Keep out of reach of children. Corrosive. Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Wash thoroughly with soap and water after handling. Harmful if swallowed. Do not breathe spray mist. Avoid contamination of food.

ENVIRONMENTAL HAZARDS: This product is toxic to fish. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with NPDES permit. For guidance, contact your regional Office of the Environmental Protection Agency.

PHYSICAL AND CHEMICAL HAZARDS: Do not use, pour, spill or store near heat or open flame.

Storage and Disposal

- Do not contaminate water, food, or feed by storage or disposal.
- Do not store on side.
- Avoid creasing or impacting of side walls.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or mixture of 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.

(If container is 1 gallon or less, use this container disposal statement.)

Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.

Made in the USA

CAS-10

Low Foam Acid Sanitizer Cleaner
for
Institutional, Food, Meat, Dairy
and
Other Farm Use

Active Ingredients

Polyethoxypolypropoxypolyethoxyethanol and Insecticide Act. as amended, for the pesticide registered under EPA Reg. No. 52779-9

Inert Ingredients

100.00%

ACCEPTED

AUG 1 8 1987

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 52779-9

KEEP OUT OF REACH OF CHILDREN
DANGER

STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before re-wearing.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution; or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsions may be needed.

SEE LEFT PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

EPA Registration No.

52779-8

EPA Establishment No.

52779-NC-01

Net Contents

FOR SALE, FOR USE, AND STORAGE BY
MAINTENANCE PERSONNEL ONLY



MANUFACTURED BY:
MAGNA TECHNOLOGIES, INC.
102 West Dolphin Street • Siler City, N.C. 27344

Biotechnology for the Future

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

Apply CAS-10 to a pre-cleaned surface with a cloth, mop, or mechanical spray device or by dipping. When applied with a mechanical spray device, surface must be sprayed until thoroughly wetted. Treated surface must remain wet for 2 minutes. Fresh solution should be prepared daily or when use solution becomes visibly dirty. When circulating sanitizer solution through CIP system, allow at least 5 minutes contact.

Sanitizing—Meat, dairy and food processing equipment and utensils: Remove heavy soils by flushing, scraping, or mopping.

Food and Beverage Sanitization Procedures

Beverage Plants: Thoroughly rinse bottling and pre-mix dispensers with water. Drain thoroughly and fill equipment with 25 ppm solution (refer to use solution chart). Just before resuming operation, flush the 25 ppm solution from equipment with potable water. When changing over between soft drink flavors, rinse system well with water, flush with 25 ppm solution. Drain and allow to air dry.

Bottles and Cans: Proportion into the final rinse, or rinses, of the container washer in concentrations of 8-12 ppm titratable iodine (see solution chart).

Storage Tanks: After cleaning, use a 25 ppm solution for sanitizing beer fermentation and holding tanks. Use solution can be applied by spraying or can be used in conjunction with automated clean-in place systems. *Do not* No water-rinse is required after sanitizing.

Equipment in Poultry, Meat, Rabbit, Egg Processing Plants, Frozen and Fresh Pack Processing Plants: To clean equipment, scrub surfaces with a mop, brush, sponge, or cloth using 50 ppm solution. Rinse with potable water. For sanitizing previously cleaned surfaces, apply 25 ppm solution by spraying, flushing, or with a clean sponge. Thoroughly wet surface and allow to thoroughly drain. *Do not* No final water-rinse is required.

Milk, Citrus and Ice Cream Processing Plants: CAS-10 when applied routinely as a sanitizing spray (12½ ppm to 25 ppm titratable iodine) on walls, conveyors, equipment and floors, will reduce or eliminate odors in the processing area. Use of filling equipment to reduce or eliminate bacteria associated with condensation on equipment and pipes. Regular use as a sanitizer at 25 ppm helps prevent milk stone formation on equipment.

Follow the state and local health authority recommendations in your area.

USE SOLUTION CHART*

Titratable Iodine	CAS-10	Water
50 ppm solution	1 oz	8½ gals
25 ppm solution	1 oz	13 gals
12½ ppm solution	1 oz	26 gals
10 ppm solution	1 oz	32 gals
8 ppm solution	1 oz	40 gals

*Refer to use solution chart when preparing dilutions recommended in the directions.

BEST AVAILABLE COPY

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

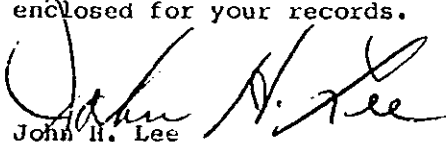
Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 39183-9" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.


John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767C)

Enclosures

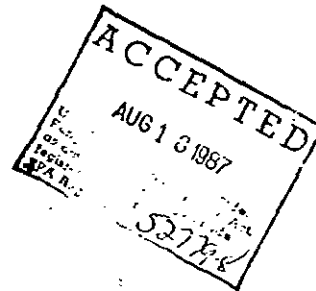
ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

COPY

KEY A: MAGNA
 Introduces
 A
 Low Foam
 Iodophor Concentrate
 (3.5% titratable iodine)



KEY B: CAS-10
 Low Foam Acid Sanitizer Cleaner
 For
 Institutional, Food, Meat, Dairy Plants,
 Hospitals and Other Farm Use

- * ECONOMICAL
 Iodine complexed with nonionic surfactant , highly concentrated
 to provide 3.5% titratable iodine
- * ADVANTAGE
 Complexed with nonionic surfactant to be used as low foam acid sanitizer for:
 - * Food and Beverage Sanitizers
 - * Poultry, Meat, and Egg Processing Plants
 - * Dairy and Ice Cream Processing Plants
- * FREE RINSING
 Non staining for food processing equipment

EPA Registration No. 52779-8
 EPA Establishment No. 52779-NC-01

Please Take The Time To Read The Product Label Carefully

3/3
 COPY

KEY C: CAS-10

KEY D: PRODUCT DESCRIPTION:

CAS-10 is a highly concentrated iodophor. It provides 3.5% minimum titratable iodine. CAS-10 is a low foam sanitizer and disinfectant and is most commonly used in food and beverage plants.

KEY E: PHYSICAL PROPERTIES:

physical state: liquid
 odor: iodine
 pH concentrate: 1.2 - 1.4
 pH at 25 ppm concentrate: 3.0
 (using distilled water)
 freeze and thaw stability: stable
 density: 10.13 pounds/gallon

KEY F: CHEMICAL PROPERTIES:

Active Ingredients Include:

Polyethoxypolypropoxy-
 Polyethoxyethanol-iodine complex 25.00%
 (providing 3.5% titratable iodine)
 Phosphoric acid (75%) 20.00%

Inert Ingredients Include:

Detergents, Solvents, etc. 55.00%
 100.00%

KEY G: STORAGE STABILITY: DO NOT PUT ANYTHING HERE - JUST SKIP SECTION ENTIRELY!!

KEY H: CAUTION:

KEEP OUT OF REACH OF CHILDREN
 In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reworking.

SEE THE LABEL FOR FIRST AID AND OTHER PRECAUTIONARY STATEMENTS

KEY I: APPLICATION AND DIRECTIONS FOR USE:

HATCHERY USE:

~~Dip clean hatching eggs in iodine solution prepared by adding 1 ounce of CAS-10 to 5 gallons of water (25 ppm available iodine). Eggs should be immersed for at least 2 minutes.~~

POULTRY DRINKING WATER:

~~Use 1 ounce of CAS-10 to 5 gallons of water to give 25 ppm available iodine.~~

DISINFECTANT:

Use to disinfect pre-cleaned surfaces with a cloth, mop, sprayer or by dipping. Use 50-200 ppm solution. To disinfect CIP pipe system, allow at least 5 minutes contact.

BEVERAGE PLANTS:

Use 25 ppm solution to sanitize bottling, and pre-mix dispensers.

BOTTLES AND CANS:

Use 8-12 ppm solution for final rinse.

STORAGE TANKS:

After cleaning, use a 25 ppm solution for sanitizing all beverage and beer fermentation and holding tanks.

EQUIPMENT IN POULTRY, MEAT AND EGG PROCESSING PLANTS:

Use 50 ppm solution to scrub, brush or mop surfaces. For sanitizing previously cleaned surfaces, apply 25 ppm solution by spraying, flushing or with a clean sponge.

MILK, DAIRY, VEGETABLE AND FRUIT PLANTS:

As a sanitizer, use 25 ppm solution on walls, equipment, floors, filling equipment and pipes.

KEY J: DILUTION AND MIXING CHART:

STRENGTH	200 ppm	50 ppm	25 ppm	10 ppm	8 ppm
CAS-10 (ounces)	4	1	1	1	1
Water (gallons)	6.5	6.5	13	32	40