

TECHNICAL DATA REPORT

HS 1965

IX-91

Concentrated Iodophor Disinfectant

DESCRIPTION:

Dark brown, mobile liquid with a characteristic odour.

PURPOSE:

IX-91 is a concentrated iodophor disinfectant, sanitizer and deodorant for use on all environmental surfaces.

HOW TO USE:

For use on hard, non-porous surfaces (glass, stainless steel, galvanized metal, porcelain, linoleum, tile, enamelled and finished wood surfaces) in food processing industries.

Prepare fresh solutions daily. Do not reuse solutions. Discard solutions that are visible soiled. Apply use solutions by flooding, immersion, swabbing, mopping or brushing to thoroughly wet all surfaces.

FOR DISINFECTION: Farm Premises, Poultry Houses, Veterinary clinics, Food Plants and Commercial Freezers. Use 2 ml per Litre of water for one-step cleaning and disinfecting light and moderately soiled surfaces. This will give 35 ppm active iodine. Heavily soiled surfaces should be cleaned and rinsed before disinfecting. For effective action, surfaces must remain wet for at least ten minutes. Food contact surfaces and all surfaces in Federally inspected meat and poultry plants must be rinsed with potable water before reuse.

For Farm and Poultry use, remove all animals, poultry and feed from premises. Remove all litter and manure from surfaces occupied or traversed by livestock. Empty all troughs, racks, and other feeding and watering equipment. Then, clean and disinfect as above. Ventilate buildings, coops, and other closed spaces. Do not house animals or poultry until treatment has been absorbed, set or dried.

SANITATION OF POULTRY DRINKING WATER: Add 1 ml IX-91 per Litre of drinking water. Regular use in the drinking water also helps control slime and mineral deposits in waterers.

SANITATION OF MEAT AND FOOD PROCESSING

EQUIPMENT AND UTENSILS: Remove gross soils by flushing, scraping or mopping. Preclean surfaces with 3 ml IX-91 per Litre of water or with another suitable cleaner. Rinse well. Sanitize with 2 ml IX-91 per Litre of water (35 ppm active iodine). sanitizing solution should contact surfaces for one to two minutes. Drain well and rinse before reuse.

HAND SANITIZATION IN MEAT AND POULTRY PROCESSING PLANTS: For sanitizing hands of food handlers, rinse hands with water and immerse in a 2 ml IX-91 per Litre of water sanitizing solution for 30 to 60 seconds.

SHOE BATH SANITIZATION: To help prevent tracking disease organisms into poultry houses, farrowing houses, and hog barns,

place a shoe bath with 20 ml IX-91 per Litre of water inside the doorway. Scrape off shoes outside doorway and stand in shoe bath for 30 seconds prior to entering.

FOR CLEANING SOWS: Before placing sows in farrowing pens or crates, scrub down flanks and udder with a lukewarm solution of 4 ml IX-91 per Litre of water. Use a soft-bristled brush. Let sow drain dry and do not rinse until just before farrowing.

DEODORANT: IX-91 destroys many odours as it sanitizes and disinfects. For general deodorant applications (garbage pails, refuse containers, etc.), swab on a solution of 4 ml IX-91 per Litre of water.

PRINCIPAL USERS:

Food plants such as meat packers, poultry plants, fish plants, egg grading plants, bottling plants, dairies and breweries, veterinary clinics, nursing homes and hospitals, poultry, hog and dairy farms.

ADVANTAGES:

- 1) Economical in use dilution.
- 2) Works in hard and soft water.
- 3) Effective against gram-positive and gram negative organisms.
- 4) Amber coloured solution is its own indicator of effective disinfecting; when the colour disappears, the solution needs to be replaced.
- 5) Safe on the hands.
- 6) DIN Number 02224046 (Health Canada).
- 7) Conforms to Federal Specification 2-GP-160, type 3.
- 8) Does not attack metals in use dilution.
- 9) Biodegradable

PRECAUTIONS:

Avoid contact with eyes, contains mildly acidic detergents. In case of contact with eyes, flush with water for 15 minutes and get medical attention. Undiluted **IX-91** can cause skin irritation, wear rubber or neoprene gloves when handling undiluted material. Keep out of reach of children. Read Material Safety Data Sheet.

SPECIFICATIONS:

Physical form	Dark brown liquid
Density at 25°C	1.081
pH (concentrate)	2.5 - 4.5
pH (1% solution)	5.5 - 6.5
Foaming	Moderate
Solubility	Complete in hard or soft water
Rinsability	Excellent
Biodegradable	Yes