



IODOKLENE IODINE BASED SANITIZER

TECHNICAL SHEET

DESCRIPTION

Iodoklene is formulated with 1.7 – 2% Iodine to effectively sanitize and disinfect food-contact surfaces and vegetables. This product is fast-acting and potent against bacteria, viruses, yeast and fungi. Iodoklene's caramel colour indicates active Iodine and thus the usefulness of the solution can be monitored visually. Once the solution turns clear, a new solution should be created. To ensure full virucidal ability use at a concentration of 150 ppm. This product is recommended for use on all food-contact surfaces such as table tops, cutting boards, stock pots, conveyor belts and utensils. Iodoklene is ideal for use in sanitizing applications in Food Processing industries, Dairy Industries, Restaurants, Kitchens and many more.

EFFECTIVE AGAINST:

- Avian Influenza A (H1N1)
- Listeria monocytogenes
- Staphylococcus aureus
- Human Immunodeficiency Virus (HIV-1)
- Herpes Simplex Virus Type 1
- Pseudomonas aeruginosa
- Human Coronavirus (229E, NL63)
- Salmonella enterica
- Escherichia coli
- Poliovirus type 1
- Hepatitis B
- Trichophyton mentagrophytes

PRODUCT FEATURES/BENEFITS

- Kills a broad spectrum of microorganisms
- Non-corrosive to stainless steel and non-toxic
- Environmentally friendly
- Prevents the spread of infections by effectively eliminating pathogens on surfaces
- No rinsing required at concentrations < 25 ppm

DIRECTIONS FOR USE

Sanitizing vegetables: Add ½ oz. of Iodoklene per 5 gallons of water (12.5 ppm titratable iodine). Submerge vegetables into solution and leave for at least 1 minute. Shake and allow to dry. No rinse required.

Sanitizing food-contact surfaces: Ensure equipment and surfaces have been cleaned and rinsed prior. Add 1 oz. of Iodoklene per 5 gallons of water or ½ oz. Iodoklene per 2.5 gallons of water (25 ppm titratable iodine). Effective temperature is 23°C to 48°C. Allow 10 minutes of contact time.

Virus Disinfection: Ensure surface has been cleaned and rinsed prior. Add 6 oz. of Iodoklene per 5 gallons of water (150 ppm titratable iodine). Wet surfaces to be treated thoroughly with solution. Allow 10 minutes of contact time and wipe with a clean cloth. For food contact surfaces, a rinse with potable water is required at this concentration.



N.B. Iodoklene may cause staining to porous and plastic surfaces, these should be protected accordingly. In the event that staining occurs, it can be removed with alcohol.

PRODUCT SPECIFICATIONS

- Appearance.....Slightly viscous liquid
- Colour.....Yellow-Brown
- Odor.....None
- Specific Gravity at RT.....1.03 – 1.06
- pH (100% solution).....3.0 ± 0.5
- Active Ingredients.....Iodine (from complex)
- Shelf Life.....1 year

SAFETY INFORMATION

CAUTION: Keep Out of Reach of Children. Harmful if swallowed. May cause irritation. Do not get into eyes. Protect skin, eyes and mucous membranes from contact with this product and solutions of it. Wear rubber gloves when handling this product.

PRECAUTIONARY STATEMENTS: See SDS for complete Precautionary Statements, First Aid, Physical or Chemical Hazards and Storage and Disposal.

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IODOKLENE

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GENERAL USE DIRECTION:
Sanitizing Vegetables: Dip vegetables in a solution of IODOKLENE at a concentration of 0.5 g per 100 gallons (200 L) of water for one minute. Shake and allow to dry.

Sanitizing Food/Contact Surfaces: Use a concentration of 25 parts (1 oz.) 5 gal water (1000 ml) for at least 10 minutes. Drain thoroughly.

For Virus Disinfection: Clean surface is cleaned and rinsed per use. Add 1 oz. of IODOKLENE per 5 gallons of water (20000 ml) to the solution. Allow 10 minutes of contact time and wipe with a clean cloth.

CAUTION: Contains iodine. IODOKLENE irritates. Protect skin, eyes, mucous membranes from this product and solutions of it. Wear gloves when handling this product. IODOKLENE may cause staining to porous and plastic surfaces, these should be protected accordingly.

DO NOT MIX WITH ANYTHING BUT WATER. DO NOT REUSE CONTAINER. STORE IN TIGHTLY CLOSED ORIGINAL CONTAINER IN COOL PLACE AWAY FROM SUNLIGHT. FOR INDUSTRIAL USE ONLY. PLEASE REFER TO PRODUCT SPECIFICATIONS AND MSDS. THIS PRODUCT IS DANGEROUS.

INDICACIONES GENERALES:
Esterilizar la fruta y verduras: Sumergirlas en una solución de IODOKLENE a una concentración de 0.5 g por galón de agua (200 L) por un minuto, sacudirlas y dejar secar.

Desinfección de superficies de contacto: Limpiar y lavar la superficie con agua corriente y secar. Añadir 1 oz. de IODOKLENE por cada 5 galones de agua (20000 ml) a una concentración de 25 partes (1 oz.) por 5 galones de agua (20000 ml) de agua. Permitir 10 minutos de tiempo de contacto y limpiar con un paño limpio.

PRECAUCIÓN: Contiene yodo. IODOKLENE irrita los ojos, la piel y las membranas mucosas. Evitar el contacto con la piel, los ojos y las membranas mucosas de este producto y sus soluciones. Use guantes cuando se maneje este producto. El IODOKLENE puede causar manchas en superficies porosas y plásticas, por lo que deben protegerse antes de su uso.

MANTENER FUERA DEL ALCANCE DE LOS NIÑOS. SOLO PARA USO INDUSTRIAL. NO REUSAR EL ENVASE. ALMACENAR EN UN LUGAR FRESCO. SOLAMENTE PARA USO INDUSTRIAL. REFERIRSE A LA LITERATURA DEL PRODUCTO Y SEGURIDAD.

Net Contents
 2 Litres
 4 Litres
 18 Litres
 75 Litres
 208 Litres

FIRST AID
EXTERNAL: Immediately flush skin with plenty of cool running water for at least 15 minutes. Immediately remove contaminated clothing and wash before reuse.
EYES: Immediately flush with plenty of running water. Remove contact lenses, if applicable. Continue flushing for at least 15 minutes.
INTERNAL: If swallowed, DO NOT induce vomiting. Rinse mouth then drink large quantities of water. Never give anything by mouth to an unconscious person.
IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION IMMEDIATELY.

ACTIVE INGREDIENTS: Iodine (from complex).

PRIMEROS AUXILIOS:
EXTERNO: Inmediatamente enjuagar la piel con bastante agua fresca corriente por lo menos durante 15 minutos. Inmediatamente quítase la ropa contaminada y lavar antes de reuso.
LOS OJOS: Inmediatamente enjuagar con bastante agua fresca corriente. Quite los lentes de contacto si es necesario. Seguir enjuagando por lo menos durante 15 minutos.
INTERNO: Si se ingiere, NO inducir el vómito. Enjuagar la boca. Beber grandes cantidades de agua. Nunca dar nada por la boca a una persona inconsciente.
BUSCAR AL MÉDICO INMEDIATAMENTE.

INGREDIENTES ACTIVOS: Yodo (del complejo).

ES No.

Consult your CHEM CLEAN specialist for specific use direction.

! DANGER **PROUDLY T&T**

READ INSTRUCTIONS BEFORE USE
KEEP OUT OF REACH OF CHILDREN

Available packaging: 2L, gallon (4L), pail (18L), mini drum (75L) and drum (208L).



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DISCLAIMER: To the best of our knowledge, the information provided in this Technical Data Sheet is correct. The Manufacturer assumes no liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user.

MANUFACTURED IN THE REPUBLIC OF TRINIDAD & TOBAGO BY:

CHEM CLEAN LIMITED

58-60 CENTURY DRIVE

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