

## DICHLOROSAN A + B

### CHLORINE DIOXIDE BASED SANITIZER

**DICHLOROSAN A + B** may be used as sanitizer on equipment in food processing plants, farms and in the horticulture industry.

**DICHLOROSAN A + B** is also used for the treatment of wells, irrigation and drinking water systems.

**DICHLOROSAN A + B** is activated when the **DICHLOROSAN A** and **B** powders are diluted in water.

### FEATURES AND BENEFITS

- Reduces the microbiological contamination of water
- Prevents and destroys mold and yeasts
- Does not form polluting by-products in the environment
- Effective in the presence of organic matter
- More effective than chlorine, at lower dilution
- No accumulated cellular resistance
- Effective on a wide spectrum of microorganisms
- Effective on biofilm
- Biodegradable
- Powerful oxidizer



### DIRECTION FOR USE

#### Stock solution

**Prepare a 2000 ppm stock solution prior to dilution and use.** A mixture of 1% (10g / litre) of **DICHLOROSAN A** and 1% (10g /litre) of **DICHLOROSAN B** will give a 2000 ppm solution of chlorine dioxide. Mix an equal quantity of **DICHLOROSAN A** and **DICHLOROSAN B** in water, mix gently and let react for 30 minutes.

#### Agri-food and horticultural Buildings and Equipment

##### EQUIPMENT SURFACES, CEILINGS, WALLS, FLOORS

Manually remove as much soils as possible. Clean with a suitable detergent solution. Rinse with potable water. Use a 200 to 2000 ppm undiluted stock solution or at up to 1:10 and apply by spraying or circulation and / or soaking. (For concentrations greater than 200 ppm, rinse all food contact surfaces with potable water).

#### Shock treatment and fogging

Use a 500 to 2000 ppm undiluted stock solution or at up to 1:4. Rinse all food contact surfaces with potable water.

#### Treating wells

Add 25 ml (1 oz.) of 2000 ppm stock solution for every foot of length (6" diameter well) to give 10 ppm of chlorine dioxide for 10 days. (Ex.: For a 200 ft well, add 5 litres of stock solution) (Multiply 200 X 25 ml = 5000 ml = 5 Litres)

#### Irrigation system

Dilute the stock solution to a obtain a solution between 0.2 to 0.5 ppm.

#### Watering System

Dilute the stock solution to a obtain a solution of 1 ppm.

#### **ALWAYS ADD DICHLOROSAN A TO WATER BEFORE DICHLOROSAN B**

*Always dissolve the same amount of **DICHLOROSAN A** and **DICHLOROSAN B**, for desired concentration. Stir lightly and let the mixture react for 30 minutes before use.*

# DICHLOROSAN A + B CHLORINE DIOXIDE BASED SANITIZER

## PHYSICAL PROPERTIES

| DICHLOROSAN A            | DICHLOROSAN B        |
|--------------------------|----------------------|
| Grayish, granular powder | White globular beads |
| Faint chlorine           | None                 |
| Not applicable           | Not applicable       |
| Not applicable           | Not applicable       |
| Not applicable           | < 1 (5% solution)    |
| None                     | None                 |
| Not available            | 285 g/L at 25°C      |
| None                     | None                 |
| Sodium chlorite          | None                 |
| Not applicable           | Not applicable       |
| Not applicable           | 315°C                |
| Non-foaming              | Non-foaming          |
| Titration                | Titration            |
| Excellent                | Excellent            |

## INCOMPATIBILITY

| DICHLOROSAN A                             | DICHLOROSAN B                   |
|---|---------------------------------|
| Acids, reducing agents, organic materials | Oxidizers, chlorinated products |

## WAREHOUSING PRECAUTIONS

Keep containers tightly closed in a dry, cool and well-ventilated place

## AVAILABLE SIZES

|   |   |   |  |
|---|---|---|--|
|  |  |  |  |
| <b>500g</b>   | <b>4Kg</b>  | <b>12Kg</b>   |  |



## IMPORTANT

Before using **DICHLOROSAN A + B**, always be sure to read and follow precautions and directions for use appearing on the product's container label, and on the safety data sheet (S.D.S).

## FIRST AID MEASURES

### Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

### Skin contact

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

### Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

### Ingestion

Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.

## PERSONAL PROTECTION



## WHMIS

| DICHLOROSAN A | DICHLOROSAN B |
|---------------|---------------|
|               |               |