



# **AQUASURF I-200**

## **(Iodine concentrate 20%)**

### **INTRODUCTION**

**AQUASURF I-200** is a surfactant Iodine complex providing 20% minimum titratable Iodine that releases anti-microbial iodine in a controlled as needed delivery. **AQUASURF I-200** has effective and fast acting biocidal ingredients that finds use against a broad spectrum of microbial organisms such as bacteria, fungi, viruses and mycobacteria. **AQUASURF I-200** is effective at low concentrations against a broad spectrum pathogenic organisms.

### **CHEMICAL COMPOSITION**

**AQUASURF I-200** is essentially a nonyl phenoxy polyethylenoxy ethanol-iodine complex in a suitable base providing 20% titratable Iodine.

### **APPLICATIONS**

- For cleaning of dairy equipments
- Brewery sanitation
- Preparation of teat dips.

### **DIRECTIONS FOR USE**

#### **STEEL TANK REACTORS**

Flush the inside of the reactors, pipes and fittings use high pressure if possible) with clean water till the contamination of milk fat, etc. Is low. Then spray from the top of the reactor to pipes and fittings with an **AQUASURF I-200** solution containing 0.025% active iodine. It is important that all areas are in contact with the Iodophor. The Iodophor can be left over night in the pipe system or the pipes can be flushed immediately with clean water. All material in direct contact with foodstuff must be flushed with clean water after disinfection.

#### **SURFACES**

Flush highly contaminated surfaces with clean water and spray with an Iodophor solution containing 0.05% active iodine. The Iodophor is left on surfaces for at least 10 minutes. Floors, etc. That are easily contaminated and are not in direct contact with foodstuff can be left to dry with the Iodophor-solution.

### **ADVANTAGES**

1. **AQUASURF I-200** and its solutions contain detergents which provide more direct access to the microorganisms by lowering the surface tension, i.e lower concentrations of an Iodophor (active iodine) should be used.
2. The detergent as fast as chlorine from the solution (at temperatures below 40°C).
3. Iodine as an active ingredient is effective against a wide range of microorganisms including bacteria, fungi, spores and virus, whereas basic chemicals, i.e caustic soda may have a more narrow spectrum.
4. Iodine/Iodide does not corrode steel as much as chlorine / chloride. The equipment has therefore a longer life.
5. **AQUASURF I-200** contains biodegradable detergents.

### **PRECAUTIONS**

1. Do not use hot water for dilution
2. Do not expose to direct sunlight

### **PACKING SIZE**

50 kg and 200 kg