



AQUASURF I-100

(Iodine concentrate 10%)

INTRODUCTION

AQUASURF I-100 is a surfactant Iodine complex providing 10% minimum titratable Iodine that releases anti-microbial iodine in a controlled as needed delivery. **AQUASURF I-100** is fast acting and effective at low concentrations against a broad spectrum pathogenic organisms.

CHEMICAL COMPOSITION

AQUASURF I-100 is essentially a nonyl phenoxy / Lauryl alkoxy polyethylenoxy ethanol-iodine complex in a suitable base providing 10% titratable Iodine.

APPLICATION

- 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-100** 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-100** and its use solutions provides more direct access to the microorganisms by lowering the surface tension.
2. The surfactant system keeps the iodine in the solution and enhances the stability, i.e. Iodine does not evaporate as fast as chlorine from the solution (at temperatures below 45° c)
3. Iodine as an active ingredient is effective against a wide range of microorganisms including bacteria, fungi, spores and virus, compared to basic chemicals, e.g. caustic soda has a narrow spectrum
4. Iodine/iodide does not corrode steel as much as chlorine / chloride. The equipment has therefore a longer life.
5. **AQUASURF- I100** contains biodegradable surfactants

PRECAUTIONS

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

PACKING SIZE

50 kg and 200 kg