

# Safety Way for Chemical Services and Water Treatment Systems

## SW – 5040

### Micro - Organisms Control in Cooling Water System

#### Description

**SW-5040** is a special formulation of two active ingredients- peroxyacetic acid and hydrogen peroxide.

**SW-5040** offers many other benefits such as high success rate of eliminating a wide range of microorganisms even at temperatures as low as 5 °C. where other sanitizers quit.

**SW-5040** is non -foaming at low concentration.

**SW-5040** is also environmentally safe in that after use **SW-5040** breaks down into oxygen, acetic acid and water.

#### Application

**SW-5040** is used for specific applications to prevent the formation of micro-organisms and is particularly suited to control the existing microbiological contamination.

**SW-5040** is used in circulation cleaning and industrial sing of previously cleaned non-porous food contact surfaces and equipment such as tanks, pipelines, fillers. Pasteurizers and aseptic equipment:

- Dairies, wineries, breweries and beverage plants.
- Meat and poultry processing/packing plants.
- Milk and dairy products processing/packing plants.
- Seafood and vegetable processing/packing plants.
- Food processing//packing plants.
- Egg processing//packing plants surfaces.

**Effect of working solution on metal** .....rate of metal loss from one hour immersion in Hydro 504 (0.3 %) at 40 °C projected for 1 year.

<b>Metal (alloy)</b>	<b>mm/yr</b>
Stainless steel	0.00
Aluminum (2024 T3)	0.05
Copper	0.41
Brass	0.76
Zinc	1.27

#### Physical Properties

Appearance : colorless liquid  
 S.G. : 1.1  
 PH : 1-2  
 Flash point : Non

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**Odor** : Strong pungent  
**Solubility** : Completely

### **Safety and Handling**

- Avoid contact with skin, eyes, mucous membranes and open wounds.
- In case of an accidental contact, flush thoroughly with plenty of water.

### **Storage**

- Keep drum closed during storage.
- Intended to be used within 12 months from the date of manufacture.

### **Packaging**

**SW-5040** is available in 25 kg plastic containers.