



# MIDA CHRIOX TS5

Disinfection based on peracetic acid for sanitizing treatments and CIP hygiene in the food industry

## DESCRIPTION & APPLICATION

**MIDA CHRIOX TS5** is a peracetic acid based disinfectant with a high efficacy for use in the dairy industry, in beverage production and in food processing. Contains a tracer.

**MIDA CHRIOX TS5** is effective against all types of microorganisms including bacteria, yeasts and moulds, even at low temperatures and at low concentrations. The biocidal action of **MIDA CHRIOX TS5** has been confirmed according to different methods including relevant EN standards.

**MIDA CHRIOX TS5** is non foaming and suitable for spraying, CIP applications, regular disinfection of tanks, vessels, piping and other working equipment.

**MIDA CHRIOX TS5** is a powerful oxidant supporting the breakdown and solubilisation of proteins and therefore the removal of food residue soiling.

## USE INSTRUCTIONS

**MIDA CHRIOX TS5** is used at a concentration between 0,1 and 0,5 % at room temperature (up to 40°C!). Respect a contact time between 5 and 15 minutes with the treated surfaces. For disinfection purposes it is necessary to prerinse or clean the surfaces. Rinse thoroughly after use and ensure that all product residues and soil particles are removed. Do not use as a concentrate!

## PRODUCT CHARACTERISTICS

Composition	Contains peracetic acid, hydrogen peroxide, sulfuric acid
Appearance	Clear liquid
Colour	Colourless
Odour	Characteristic, vinegar-like
pH (0,3% solution)	± 2,4
Density	± 1,16 g/cm <sup>3</sup> (20°C)
Solubility	Miscible in water in all proportions
Conductivity (1% w/w, 20°C)	5 mS/cm

### **MATERIAL COMPACTIBILITY**

When **MIDA CHRIOX TS5** is used according to the recommended use instructions, then **MIDA CHRIOX TS5** can be used on materials commonly used in the food industry, with the exception of mild steel, carbon steel, copper and its alloys, galvanized materials.

### **ENVIRONMENT**

**MIDA CHRIOX TS5** does not contain any chlorine and hence there is no risk of the formation of organic adsorbable halogens (AOX).

**MIDA CHRIOX TS5** is readily biodegradable. The effluent containing the disinfectant may be discharged in a biological treatment plant after passing the neutralisation and buffer tank.

### **SAFETY**

Never mix **MIDA CHRIOX TS5** with other products. Carefully read the material safety data sheet of **MIDA CHRIOX TS5** and follow the chemical handling and disposal guidance. Concentrate should not come into contact with organic substances (fats, oils, rubber, paper, straw, wood, cork, general pollution) as well as other concentrated detergents and disinfectants, especially with alkaline products.

### **STORAGE**

Store **MIDA CHRIOX TS5** in its original packaging between -20°C and +25°C. Do not expose to direct sunlight. The expiry date is 12 months from date of manufacture.

### **PACKAGING**

**MIDA CHRIOX TS5** can be available in CAN, DRUM and IBC.

*Biocides reliably use. Before use always read marking and product information!*

Technical Data Sheet **MIDA CHRIOX TS5**  
Revision 06.03.2018