



COOLING WATER

ENV-ISO 1.5

Broad-Spectrum Microbiocide

A POWERFUL NON-FOAMING SANITIZER FOR COOLING WATER SYSTEMS



Cooling water systems are widely used in several industries to dissipate the heat created by their production operations. But those cooling systems are also an excellent environment for the growth of microorganisms, leading to the formation of biofilms that compromise the circulation of cooling water, affecting the functionality of the whole cooling system.



Controls microbial growth in water tanks and cooling systems

Minimizes corrosion in water cooling systems and components

Improves water quality in industrial processes

Compatible with surfactants and emulsifiers

ENV-ISO 1.5 is an isothiazolin-based non-oxidizing microbicide designed to control several nocive microorganisms in industrial fluids and recirculating water.



ENV-ISO 1.5 is a cost-efficient, non-foaming diverse microbiocide that breaks the chemical bonds between water and contaminants. Its easy formulation and usage suit nearly all scale and corrosion inhibitors.

ENV-ISO 1.5 works effectively against microbial slime, bacteria, fungi, and algae within a broad pH range.

ENV-ISO 1.5 Advantages

- Effective at low concentrations across the range of pH levels found in cooling water systems
- Does not adversely affect cooling water treatment components
- Resistance to the inhibitory effects of organic and inorganic compounds
- Sodium nitrate and formaldehyde free
- Non-foaming, preventing overflows

ENV-ISO 1.5 is compatible with surfactants and emulsifiers, making it a product flexible enough for its use in:

- Industrial cooling and process water
- Industrial wastewater
- Pasteurization systems
- Evaporative condenser water systems
- Influent water filtration systems
- Air washers
- Metalworking fluid
- Oil field injection waters
- UF units, and more



PHYSICAL PROPERTIES

Color	Clear, colorless
Scent	Odorless
Density (20 °C)	1.03 g/ml (8.58 lbs/gal)
pH (1%)	2-5
Activity	1.6%
Phosphorus content	0%
Biodegradable	100%

Active Ingredients

5-Chloro-2-methyl-4-isothiazolin-3-one	1.2%
2-Methyl-4-isothiazolin-3-one	0.4%



Handling and Storage

- Keep product in original containers when not in use
- Store and transport containers upright to prevent spillage
- Do not reuse or refill containers
- Wear protective goggles/face shields and rubber gloves when handling
- Avoid inhaling vapor or mist
- Do not let product contact skin
- Do not swallow
- Do not contaminate water with waste disposal
- Do not discharge effluent into rivers or streams



Contact Us

Enviro Tech produces proprietary chemicals for use in a variety of industrial applications. **ENV-ISO 1.5** is tested and proven to be effective and efficient for use in any industrial water process, particularly those requiring mitigation of algae growth. Contact our technical experts to learn more about its chemistry and learn how our water treatment solutions can keep your industry safe and compliant.