

SHIELD CW

CORROSION INHIBITORS FOR COOLING SYSTEMS

The **SHIELD CW** range incorporate corrosion inhibitors based on phosphates, phosphonates, zinc, molybdates, azoles and polymers, for treating and protecting all types of materials present the system.

The CW products are recommended for used in cooling towers and closed circuits.

Our most used products include:

PRODUCT	DESCRIPTION	APPLICATION
SHIELD CW 235	Corrosion inhibitor based on polyphosphate.	Can be a source of inorganic phosphate in cooling water treatments. Suitable for large systems.
SHIELD CW 236	Based on food grade polyphosphates. Fulfil the Norm UNE-EN 1212	Corrosion inhibitor for human consumption water distribution lines. Suitable for large systems.
SHIELD CW 330	Combination of zinc, organic phosphorous and polymers.	Corrosion and scale inhibitor (dispersant). Suitable for cooling towers working in neutral-alkaline pH range. Suitable for large systems.
SHIELD CW 332	Combination of zinc, organic and inorganic phosphorous.	Corrosion inhibitor for cooling towers working with corrosive/aggressive water. Suitable for large systems.
SHIELD CW 336	Combination of zinc, organic phosphorous and polymers.	Corrosion and scale inhibitor (dispersant). Suitable for cooling towers working in neutral pH range. Suitable for large systems.
SHIELD CW 337	Combination of zinc, copper inhibitors, organic phosphorous and polymers. Protects alloys of steel and copper	Corrosion and scale inhibitor (dispersant). Suitable for cooling towers working in neutral pH range. Suitable for large systems.
SHIELD CW 644	Based on azoles solution.	Corrosion inhibitor for copper, bronze, brass and alloys. Suitable for large systems.

NORLEX

CHEMICALS

SHIELD CW 1195	Blend of inorganic and organic phosphorous compounds, azoles and polymers. Protects alloys of steel, cast iron, galvanized steel, aluminium and copper.	Corrosion and scale inhibitor for cooling towers working with corrosive to scaling water. Dosing based on calculation program.
SHIELD CW 1200	Combination of molybdate, inorganic and organic phosphorous, azole and polymers. Protects alloys of steel, cast iron, galvanised steel, aluminium and copper.	Corrosion and scale inhibitor for cooling towers working with corrosive water such as reverse osmosis water. Dosing based on calculation program.
SHIELD CW 1205	Combination of molybdate, zinc, organic phosphorous and polymers. Protects alloys of steel and copper.	Corrosion and scale inhibitor (dispersant) for cooling towers working with neutral to alkaline pH. Dosing based on calculation program.
SHIELD CW 1210	Combination of zinc, azoles, organic phosphorous and polymers. Protects alloys of steel and copper.	Corrosion and scale inhibitor (dispersant) for cooling towers working with neutral to alkaline pH. Dosing based on calculation program.
SHIELD CW 1212	Combination of zinc, phosphate, organic phosphorous, azoles and polymers. Protects alloys of steel, cast iron, galvanised steel, aluminium and copper.	Corrosion, scale inhibitor and dispersant for cooling towers working with corrosive water such as reverse osmosis water. Dosing based on calculation program.
SHIELD CW 1216	Combination of zinc, polyphosphate, organic phosphorous, azoles and polymers. Protects alloys of steel, cast iron, galvanised steel, aluminium and copper.	Corrosion, scale inhibitor and dispersant for cooling towers working with slightly scaling aggressive and corrosive water Dosing based on calculation program.
SHIELD CW 1220	Combination of molybdate, zinc, polyphosphate, organic phosphorous, azoles and polymers. Protects alloys of steel, cast iron, galvanised steel, aluminium and copper.	Corrosion, scale inhibitor and dispersant for cooling towers working with aggressive water that is corrosive to scaling. Dosing based on calculation program.

NORLEX

CHEMICALS

All products delivered in pails of 25-30 kg and in 200-250 kg drums and IBCt.

Norlex Chemicals can supply test kits for ongoing control of the cooling system.

Norlex Chemicals cooling water treatment range includes other specialised products. Please contact us with your specific application, and we will help identify the best suited product.