



Chelate Marine

Sediment remediation that boosts the health of an aquatic ecosystem.

Hinomaru Sangyo Co., Ltd.
www.hinomarusangyo.com

The company was founded in 1927 as a coal-based fuel manufacturer. Since 1980, the company develops and manufactures charcoal products used in environmental remediation.

Chelate Marine is a delicate mix of charcoal and iron-fulvic acid complexes. It gradually elutes iron and silica and propagates phytoplankton growth to boost a healthy aquatic ecosystem. Aquatic pollution has caused algae reproduction due to eutrophication in ponds, lakes and bays, sludge sedimentation and odour problems as a result of the loss of ecological equilibrium.

Chelate Marine helps re-establish the equilibrium first by fixing the hazardous chemical species such as H₂S, P, NH₃ and N-acids. It then supports the growth of phytoplankton: the source of aquatic ecosystem.

Chelate Marine can be used to remediate natural and artificial aquatic sediments. It is particularly appreciated in aquaculture and fish farming industry to improve the water quality and increase the harvest. It can also be used in wastewater treatment stations, grease traps, and wherever the production of H₂S causes a problem.

Chelate Marine is available in various sizes and forms



Before (> 20 ppm COD)



After 3 months (12 ppm COD)

