

BRIMAX LINE

SLOW RELEASING PRODUCTS

Cooling and wastewater treatment asked the Producers and at the Service Companies, the processing of additives which have the function to solve the problems connected to the flocculation, to the corrosion control, of the encrustations preventing or dissolution, of the bacterial growth etc etc.

Substantially, under a general point of view, water treatment requires to make operations which :

Add something so as to obtain a chemical reaction or a physical modification in water to be treated. That is typical in the application of flocculation or polyelectrolites use

Remove something or control a critical parameter. That is typical in the heavy metal removal or reduction of the sulphates and sulphites or the reduction of the phosphorus or color removal or Bacterial control

Correct or modify something so as to conform to a specific necessity the features of a parameter of water itself : pH, viscosity, encrusting tendency or corrosive, superficial tension to control foams etc

Furthermore these problems, must be sometimes tackled in systems of small dimensions, where the flow and the involved volumes does not justify the installation of storage systems and of dosage and control, onerous both in the investment cost. In other cases the difficulty to manipulate substances in special zones or the lack of skilled staff either not garrisoned systems or difficult access areas create the problem to have additives in a simple form with a high possibility of automation.

INTECNA presents a resolution to chemical handling problems with a RANGE of highly concentrated and effective products designed for minimal handling, easy use and application. Following advantages are the aim of **BRIMAX LINE**

BRIMAX LINE products are manufactured in a solid form that you do not handle or come in contact with. Products are solid and are not easily or readily spilled. Storage of the products is easy : **BRIMAX CARTRIDGES** can be stored in almost any environment. Need for extensive personal protective equipment is less, as there is no contact with the materials by the operator.

Products are packaged in plastic containers, sticks, cylinders, or in the more suitable packaging

Innovative Dispensing System – BRIMAX HOLDER

By using BRIMAX LINE, all you will need is a water source and an electrical outlet.

By resuming, ADVANTAGES in use of BRIMAX LINE are :

- No Handling of Chemicals in liquid form
- No Handling heavy Drums
- No container disposal Worries/Costs

- Innovative technology
- Product Performance
- Safe product application

BRIMAX LINE MAIN USES

LAGOON WATER FLOCCULATION

In the extraction activities of inert material (mines, road work, tunnels...), especially in open countryside or where however a treatment system does not exist, there is the need that waters coming from the washing of the inert materials must be flocculated for their further reuse or the discharge in superficial water bodies. **BRIMAX FLOC (A or C)** dipped in the basin of water to be treated allows to flocculate quickly the substances in suspension. Limpid water, can be discharged, while muds deposited on the bottom are swallowed separately, by allowing a substantial cost reduction as the volume to be swallowed reduces himself of over 90 %

FIRST FLUSH RAINWATER TREATMENT

The **BRIMAX FLOC** cartridges dipped in the first flush rainwater collection channels (or tanks), are able to allow a fast sedimentation of floating substances (lime, oil...), allowing also the reuse of clarified waters for irrigation or reuse.

In forecourts where casual oil losses occur (service areas, garages, vehicles movement areas), cartridge **BRIMAX FLOC C** allows the quick oil flotation avoiding the stable emulsion formation. In this case drain tanks can be easily emptied avoiding also the troublesome smell formation for decomposition of the organic substances

COOLING CIRCUITS

In the cooling tower circuits, especially of small dimension, the corrosion or deposits control arising from water evaporation effect, is problematic.

Antiscaling agent and biocides is usual procedure, but volumes to be treated would require pumps with too low ranges. To such reason, often circuits are not treated with the consequent formation of deposits, exchange capacity loss, formation of bacteria and algae. In these circuits, the use of **BRIMAX SFT** is a satisfactory solution, because the introduction of a cartridge with periodic cadence and the slow dissolution of the active principle, allows to control mentioned phenomena.

A special aspect in cooling and air conditioning systems is the Legionella Pneumophila control. According to the Health Authority protocols treatment can be carried out through an iper-chlorination.

The cartridge **BRIMAX CIDE** meets the requirements of the Protocols.

BACTERIAL GROWTH CONTROL

The bacterial growth control is a very diffuse procedure.

In final depuration plant disinfection, in treatment of waters coming from not connected Imhoff to sewer networks basins, in control of food industries (milk, cheese, meats) waters from equipment washing, it's required a control of bacteria growth to avoid infections, deposits, bad smells etc etc. In this case, use of **BRIMAX CIDE** (based on Calcium Hypochlorite) is a satisfactory solution besides of simple realization.

ORGANIC DEPOSIT CONTROL

In many realities as food preparation and packaging, supermarkets, dairies, it's frequent pipe occlusions for bacterial flora formation. Use of **BRIMAX BIO** is a simple and optimum solution. Cartridge is a mixture of selected bacterial stumps. Slow dissolution allows fat and oil degradation much quicker, by keeping pipes free of deposits

HYDRAULIC TEST WATER

The hydraulic test water (fresh and sea) requires a chemical treatment for the oxygen elimination, the bacterial growth control, the corrosion control and must provide possibility to detect any flanges losses, connections etc..

BRIMAX PHA, BRIMAX OX 70, BRIMAX SS, BRIMAX FLS are used for such purpose.

The packaging is studied to be able to apply the products also in submarine works.

BRIMAX HOLDER DETAILS



TYPICAL BRIMAX CARTRIDGE



INTECNA