

Fungicide for Anolyte

APLEX - BS

Any troubles with fungi growth in anolyte?

Cause and Effect

Typical causation of fungi growth in an anolyte is due to spores in the source water or airborne spores. It is known that fungi growth often happens where the anolyte source water is well water or industrial water, or when located nearby a water paint booth or production stations using polishing oil.

When the fungi grows in the anolyte circulation path, it negatively affects the production line, thus early treatment is desirable.

- ① When the anolyte circulation is slowed due to fungi in the anolyte circulation, the SUS electrode elution speeds up, which causes the membrane to clog and shortens its product life.
- ② When the membrane clogs (i.e. increases membrane resistance) the electrical current decreases and reduces the coating thickness.

Features of APLEX - BS

- The fungicide is in powder form and gradually dissolves in the anolyte, and keeps fungicidal effect for prolonged periods.
- The fungicide ingredients are similar type used in the ED paint and does not cause coating finish problems in case it leaks into the ED bath.
- Not listed on PRTR.
- Does not contain Volatile Organic Compound.

[Characteristics] Navy colored non-woven bag

Main ingredient: isothiazoline based fungicide

Format: 130mm × 200mm

Weight: ~100g

Solubility: the fungicide gradually dissolves (the bags do not dissolve).



How to use / Caution

- ① Take out the APLEX-BS bag from the polyethylene bag.
- ② Place the APLEX-BS bag into a net, and place it where it is exposed to anolyte return flow. One bag per 200~300L tank (1000~3000L of anolyte).
- ③ Replace bag when fungicide is used up (about a month), and replace with a new APLEX-BS bag.

Please clean the tank and anolyte circulation path before beginning product use.

*APLEX-BS is a preventative measure and does not remove the already present fungi.

- When handling use rubber gloves and avoid direct skin contact. Wash hands well afterwards.
- Do not rip the non-woven bag.
- Avoid leakage to the environment as it is poisonous to aquatic organisms.
- When storing, avoid direct sunlight or high temperatures.

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