

Non-phosphate rust inhibitor and protective film for sheet

and aluminum MC-FM7010

Feature

- Non VOC and non-phosphate reactive product
- Can increase the coating adhesion and anti-corrosion performance
- Excellent corrosion resistant comparable with zinc phosphating

Application

process

- Appearance: Yellowish liquid
- Recommended dosage: 3% (EDTA value is 6.0 pt)
- Temperature: Room temperature
- Processing time: 1-3 min
- Spray pressure: 0.06~0.15MPa
- pH: 4.4-5.4

Normally add 30 kg MC-FM7010 in 1000 L water at the beginning. Then add the additive-001 and additive-002 to regulate the pH to the optimal value.

1. **EDTA value test method:** Firstly, add 10ml aqueous into an Erlenmeyer flask. Then add 20ml WL-A and 5ml 5% hydroxylamine hydrochloride aqueous. Thirdly, add 0.05-0.1ml WL-B indicator. Fourthly, heat the solution under 80~90 °C (boiling). Finally, titrate it using 1.0 mol/L EDTA standard solution and until the solution changes from amaranth to bright yellow. The consumption volume of 1.0 mol/L EDTA standard solution is the EDTA value (pt).

2. **Supplement:** Add 5.3KG MC-FM7010 into solution while the EDTA value decreases by 1.0 pt. And add 95 ml additive-001, while the pH increase by 0.1 pt.

Note: Must wear safety glasses, rubber gloves and protective clothing of chemical pollution, avoid contact with skin, do not inhale vapors.

Chemical composition

- MC-FM7010: Non-phosphate treatment agent
- Additive-001: Alkali treatment agent
- Additive-002: Acid treatment agent

Technical

process

①Water wash---②Degreasing---③Degreasing---④Water wash---⑤ Water wash ---⑥MC-FM7010 ---⑦ Water wash---⑧ Water wash---⑨Post treatment Wash immediately with water when skin encounter the cleaning agent.

Application

- Cast iron parts, cold-rolled sheet
- Aluminum and galvanized steel profiles surface treatment etc.

METAL SURFACE TREATMENT

SINOGRACE
The Chemical Company

**Storage
Handling**

and

- Available in 200 kg/ barrel or 25 kg/ barrel
 - Storage period: ~12 months in closed containers, shady and dry place
-

Anhui Sinograce Chemical Co., Ltd.
Tel: +86-0551-63459511
Email: sales@sinogracechem.com

Add.: Hefei city, Anhui province, China
Mob: +86 15855525589