

## Non silicon steel degreaser cleaner MC-DE5180B

### FEATURE

- Can remove the oil, grease, metal filling and dust
- The consumption is 60~80% of similar liquid degreaser
- Effective component is 1.2~1.5 times of liquid degreaser
- Scarcely any impure ion and very weak corrosion on the equipment
- Apply to the degrease and cleaning of metal chemical conversion treatment

### APPLICATION

### PROCESS

- Appearance: Liquid
- pH: 12~14
- Treatment Temperature: 60~80°C
- Free alkalinity: 12-30 pt
- Solution concentration: 2.5~4.0%
- Processing way: spray, brush or electrolytic cleaning

**Free alkalinity test method:** Firstly, add 10ml aqueous into an Erlenmeyer flask. Then add 0.1~0.5ml phenolphthalein indicator. Using 0.1mol/L HCl standard solution to titrate it. While the solution changes from red to colorless. The consumption volume of 0.1mol/L HCl standard solution is the free alkalinity value.

**Total alkalinity test method:** Firstly, add 10ml aqueous into an Erlenmeyer flask. Then add 0.1~0.5ml bromophenol blue indicator. Using 0.1mol/L HCl standard solution to titrate it. While the solution changes from blue to bright yellow. The consumption volume of 0.1mol/L HCl standard solution is the total alkalinity value.

**Note:**

1. Add 0.2kg MC-DE5180B into 1000L water and the free alkalinity increases by 1.0 pt.
2. Please replace the solution while (total alkalinity value/free alkalinity value)>2.

### APPLICATION

- Cast iron, hot rolled steel, cold rolled steel and aluminum alloy
- Other iron and steel products

### NOTE

- MC-DE5180B is strong alkali and wear the protective equipment while using it.
- The solution tank and the pump must be steel (304L or 316L)
- After the products are processed, don't make the products encounter the water

# METAL SURFACE TREATMENT

**SINOGRACE**  
The Chemical Company

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**STORAGE  
AND  
HANDLING**

- Available in 200 kg/ barrel or 25 kg/ barrel
  - Storage period: 6~12 months in closed containers, shady and dry place
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