



FCA5200 Chemical Cleaning Agent

FCA5200 can be used for chemical cleaning of circulating cooling water systems.

Product Features

- ❖ This product is a widely used chemical cleaning agent with high solubility for various scales and deposits in water systems. It is generally used for low-temperature cleaning from room temperature to 60 °C. While possessing extremely high cleaning power, it also exhibits excellent corrosion inhibition effects on metals such as steel and copper. Under normal temperature conditions, the corrosion rate of metals is no greater than 1 mm/a. It has excellent ability to inhibit hydrogen absorption by steel during cleaning and excellent ability to inhibit iron ion-accelerated corrosion. No pitting corrosion occurs on the metal during cleaning.

Physicochemical Properties

The following represent typical properties of FCA5200 for reference only and are not guaranteed supply specifications.

Refer to official technical documentation for certified data.

Item	Index
Appearance	Colorless to light yellow transparent liquid
Density (g/cm ³)	1.08 ± 0.05
pH (1% aqueous solution)	≤2.0
Minimum Storage Temperature (°C)	-5

*For specialized applications or customized solutions, please contact FFM Inc. directly.

Instructions for Use

- ❖ It can remove various types of dirt, including calcium carbonate, calcium sulfate, iron oxide, and mixed types. It is suitable for cleaning carbon steel, low-alloy steel, copper, and other metals, as well as connecting structures made of different materials. It is applicable to industries with various boilers, coolers, heaters, reactors, storage tanks, internal combustion engine cooling systems, water supply and drainage systems, and air conditioning systems.
- ❖ Examples include petroleum, chemical, machinery, power, postal and telecommunications, transportation, light industry, education, and healthcare industries. Depending on the degree of dirt buildup, add an appropriate amount of this product to the system, generally 10% of the water volume.

Packing and Storage

25 kg plastic drums. Store sealed in a cool, dry, well-ventilated area away from heat and incompatible materials.



Product Data Sheet- Membrane & Water Treatment Chemicals

Calibrated Chemistry, Constant Capability

Shelf Life

12 months.

Precautions

Strongly acidic liquid. Wear acid-resistant gloves, goggles, protective clothing, and respirator. Never store or mix with alkaline substances. In case of skin/eye contact, rinse immediately with ample water for ≥ 15 minutes and seek medical attention.