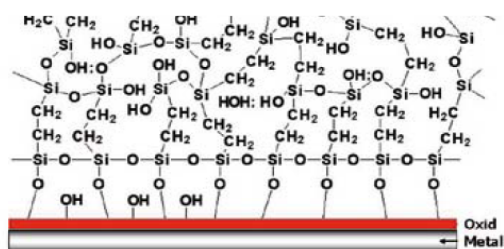


CSUM® 8150 siloxane ketone derivative, is a complex product of siloxane oligomer, also known as siloxane ketone, which is formed by hydrolysis and condensation of various special silanes. It is a water-based aluminum corrosion inhibitor with excellent performance and low price. It can be completely dissolved in water, soluble in alcohol, acetone, most aliphatic groups and esters. It is mainly used for corrosion inhibition of aluminum in water-based environment, and has a very good corrosion inhibition function for soldering tin, which can reduce the corrosion of soldering tin in water environment.

CHEMICAL COMPOSITION

Siloxane ketone oligomer

PRINCIPLE DIAGRAM



TYPICAL PROPERTIES

Test Item	Typical Data	Method
Appearance	Colorless to yellowish clear liquid	Visual inspection
Density at 20°C, g/cm ³	1.16	GB/T 1884
Refractive index at 20°C	>37	Sugar Refractometer
pH value, 1% aqueous solution	10.5	pH meter

Note: The above analytical data are not specifications.

PERFORMANCE CHARACTERISTICS

- Suitable for various alkaline aqueous environments, with remarkable effect at high pH value; low price
- The consumption is large and needs to be replenished regularly at the groove edge
- The protection of Tin/Zinc is very effective when the concentration is greater than 1%

APPLICATION

- Water-based cleaning agents
- Metalworking fluids (emulsions and synthetic fluids)

USAGE METHOD

- Recommended to add at the end of the recipe
- Recommended treat level: 0.5-2.0%; Tank-side addition: 0.3-0.5%

PACKAGING AND STORAGE

Packaging	25kg/ 200kg plastic drum (Net weight)
Storage conditions	Store in a cool, dry, well-ventilated warehouse

HEADLING INFORMATION

Avoid contact with skin, eyes and clothing. Operate in accordance with good industrial health and safety practices. Please refer to material safety data sheet (MSDS) for additional handling information on **CSUM® 8150**.

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