



**Application Industry:** Pulp Washing Black Liquid Industrial Cleaning Waste Water Treatment

**Product Name:** Antifoam RK-5DS

RK-5 D S is a emulsion type polyether modified silicone antifoam, it has good acid&alkali, temperature, shear resistance, and stable in pulp washing black liquid system, no gel formation. Good foam control performance can be achieved by small dosage. Widely used in paper pulp production to prevent the foam issue in the production process, textile auxiliaries, textile dyeing, industrial cleaning, waste water treatment, etc..

**Product property:**

Great strong alkali&acid, temperature, shear resistance  
Fast defoaming and long-lasting foam suppression performance  
Good stability in black liquid system and it is suitable for the production condition of pulp mill  
Chemical inertness, non-toxic and no damage  
High concentration, cost-effective

**Main physical and chemical properties:**

Item	Range
Appearance	Milky-white liquid
Viscosity(25°C)	500~5000mPa·s
Solid content	35±2%
pH value	6.5~8.5

**Application Process:**

It can be dropped into the foaming system by using a drop pump directly, the recommended dosage is 0.08~0.5kg per ton pulp in the beginning. Most expected dosage is 0.05~0.3kg per ton pulp (Dry Weight).

Dilute the product to control the actual dosage, water can be easily added into the antifoam emulsion with slow mixing. Please use the diluted solution as soon as possible and the normal storage time should be less than 12 hours.

The adding point should be determined according to the production condition and follow the rules to minimize the antifoam dosage to control the foam.

**Key Applications**

Pulp washing black liquid  
Waste water treatment  
Industrial cleaning



## LIMITATIONS

*This product is neither tested nor represented as suitable for medical or pharmaceutical uses*

### Information of manufacturers and products

Product name	Antifoam
Model	RK-5DS
Manufacturer	Xiamen Rickman Chemical Technology CO., Ltd. Add: No1267Qianpu South Road, Siming District, Xiamen City, Fujian Province, China
Tel/Fax	15359255189

### Product content

Pure or mixture	Mixture
English name	Modified organopolysiloxane mixture emulsion

### Dangerous marks

Human-body health effect	Skin contact	Slightly skin allergic for variety of people
	Eye contact	Eye allergic
	Swallow	No data
Environment effect	No data	
Physical/chemical damage	——	
Special damage	——	

### Packaging & Storage

Package	25kg/ 50kg/120kg/200kg plastic pail or 1000kg IBC
Storage Condition	Room Temperature Storage (5°C-40°C) , avoid direct sun light, shelf life is 6 months.

### LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained here is offered in good faith and is believed to be accurate. However, because conditions and methods of use of Rickman products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end application.