



**Application Industry:** Textile auxiliary, High temperature active system, High temperature of strong acid&alkali

**Product Name:** Antifoam RK-100S

RK-100S is a general-purpose 100% silicone-polyether defoamer, which is prepared by a characteristic graft reaction modified silicone polyether with a specially designed emulsification system. The special emulsified system makes sure compatibility, stability of dilution&shear of system. It has excellent antifoam performance, especially in some very harsh conditions. It is used in high temperature of textile and resists to acid&alkali.

**Product property:**

Long-time foaming control in high temperature system

Good stability and acid&alkali resistance

Good antifoaming performance in different water and oil foaming system

**Main physical and chemical properties:**

Item	Range
Appearance	Milky-white liquid
Viscosity(25°C)	500~4000mPa·s
Active content	96~98%
pH value	6.5~8.5

**Application Process:**

RK-100S could be added directly. The volume of addition is 0.5% ~ 0.6%. According to your specific condition, optimum volume of addition could be adjusted. A certain concentration of Thickening water for dilution (no less than 1:3) and volume of preservatives need to be added if it's stored for a long time. If RK-100S is used immediately, you could add a certain proportion of water which the proportion is not too high, and should use it in time. During the stirring, the speed could not be too fast and mixed well is accepted .

**Key Applications**

Textile auxiliary, chemical fibre oil agent,

High temperature surface active system, high temperature system of strong acid&alkali,

Metal cutting liquid,

Water-based ink and coating system

Industrial circulating water treatment and other process



## 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-100S
Manufacturer	Xiamen Rickman Chemical Technology CO., Ltd. Add: No 1267Qianpu South Road, Siming District, Xiamen City, Fujian Province, China
Tel/Fax	15359255189

### Product content

Pure or mixture	Mixture
English name	Polyether modified polysiloxane

### 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 herein 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.**