



Application Industry: Metal Cutting Liquid Surfactant Systems

Product Name: Antifoam RK-701M

RK-701M is developed with a special silicone grease system and a specially designed polyether emulsification system. New silicone grease system provides excellent defoaming&antifoaming performance and balance. The special emulsification system makes sure compatibility of system, diluted stability and excellent stability of shear. It's suitable for metal cutting liquid. Little addition can achieve foam control effect and reduce the negative effect on the finished products due to adding lots of defoamer. It is used in full synthetic cutting liquid and semi synthetic cutting liquid.

Product property:

Particularly suitable for internal added in cutting fluid systems

Little impact on system transparency

Very low dosage

Control foam for long time, long lasting antifoaming

Excellent stability of storage and shear

Main physical and chemical properties:

Item	Index
Appearance	Milky-white liquid
Viscosity (25°C)	2000~6000mPa ·s
Active content	100%
pH	6.5-8.5
Solubility	Soluble in water

Application Process:

Can be directly added in the foaming system. Do not dilute.

In general, the dosage is around 1-2% for different temperature and stirring, which can achieve the ideal defoaming effect. The pre-experiments are needed to optimize the dosage.

Key Applications

Semi-synthetic and full synthetic cutting liquid system

Other circular shear system

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-701M
Manufacturer	Xiamen Rickman Chemical Technology CO., Ltd Add: No 1267 Qianpu South Road, Siming District, Xiamen City, Fujian Province, China
Tel/Fax	15359255189

Product content

Pure or mixture	Mixture
English name	Modified polysiloxane 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.