



Application Industry: Metal Cutting Liquid Industrial Detergent Special Surfactant system

Product Name: Antifoam RK-7470M

RK-7470M is developed with a special silicone grease system, with specially designed emulsion system. It provides excellent antifoaming performance and balance, which makes sure the compatibility of system, excellent stability of dilution and shear. It's suitable for metal cutting liquid. Little addition can achieve ideal 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 emulsion type cutting liquid.

Product property:

Particularly suitable for internal added in cutting liquid system

Very low dosage

Strong alkali resistance, long-lasting antifoaming performance

Excellent stability of storage and shear

Main physical and chemical properties:

Item	Index
Appearance	Milky-white liquid
Viscosity (25°C)	500~5000mPa ·s
Solid content	30 ± 1%
pH	6.5-8.8

Application Process:

Added directly or diluted with water into the foaming system and need to make sure dispersion.

The diluted emulsion is recommended to be used up in a short period of time to maintain its optimum performance. If it's diluted, please use it up within four hours.

In general, the dosage is around 1-20ppm for different temperature and stirring, which can achieve the ideal result. The pre- experiments are needed to optimize the dosage.

According to specific application environment, RK-7470M can be used with RK-783 together to achieve the best effect.

Key Applications

Full synthetic and emulsion cutting liquid system

Other circular shear system

Other industrial detergent, special surfactant system



Industry with high diluted stable requirements

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-7470M
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	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 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.