

# Antifoam AKS-100

**Antifoam AKS-100** is a dimethyl polysiloxane and silanes based high active silicone defoamer which is emulsified and can easily be diluted with water and oil easily in any proportion.

## Properties

Appearance: White to grayish, opaque liquid

Nature: Poly dimethyl siloxane

Activity %:  $98 \pm 1$

Odor: Neutral

Flash point :  $> 200$  °C

Setting point :  $-50$  °C

Viscosity at 25°C: S4 R100 5000-5600

Density ( $\text{kg/m}^3$ ): 970 - 980

Solubility: Soluble in water

Solidification Point:  $+5$  °C

**NOTE:** According to our best knowledge and technical experiments, the above data is true and accurate. Regarding to variety of consumption procedures, it is recommended to evaluate the information before use.

## Applications & Recommendation

This product is used in the following industries in both pure or emulsified forms (Activity of the product should be reduced to 10-30% before final usage):

- Chemical and petrochemical industries
- Textile and leather industries
- Paint production process
- Production of cleaning agents
- Production of epoxy resins
- Filling processes
- Distillation and gas washing
- Oilfield industries
- Aqueous and non-aqueous polymerization processes
- Refinery process
- PVA polymerization
- Acrylic polymerization

The dosage of consumption varies to the type of application and is 0.001% - 0.005% gr/ltr.

## Advantages

- 1- Flowable viscous liquid.
- 2- Dilutable in DM water or Mineral oils in any ratio.
- 3- No emulsifier or additive is needed.
- 4- APEO free and any other toxic substances.



021-88864998  
021-88865279  
0912-5248514



[www.asanchem.com](http://www.asanchem.com)



@Asankimia  
asan.chem  
Asanchem