**ELONMEK**
Tianjin Yining Meike Fine Chemical Co., Ltd.
No.197 Yuguan Road, Hebei District, Tianjin 300400, China



# 2803 / 4809C Polyether Defoamer

Grades: 2803, 4809C · Form: Polyether · Chemistry group: Polyether

## 1. Product description

Strong polyether defoamer from propylene glycol or glycerol with propylene oxide and ethylene oxide. Blends with silicone emulsions to improve dispersion and inhibition.

## 2. Typical properties

| Property | 2803 | 4809C |
|---|---|---|
| Appearance | Transparent oily liquid | Transparent oily liquid |
| pH | 5.0-7.0 | 5.0-7.0 |

Values in the table are typical and indicative. They describe the grade as normally supplied and are not a contractual specification; the values confirmed for your order are those stated on the order confirmation.

## 3. Typical applications

Synthetic lubricating oil · Chemical fibre · Pulp and paper · Dyeing and printing · Biopharmaceutical · Microbial fermentation · Especially citric acid · PVA production washing · Oilfield drilling and mud

## 4. Product characteristics

· Non-toxic
· Efficient
· No spotting
· Low hygroscopicity
· Usable as emulsifier
· Improves silicone emulsion performance when compounded

## 5. Addition and dilution

Typical addition is 0.05–0.5 % on the weight of the foaming system, established in your own trial at process temperature. Emulsion grades are normally diluted with water before addition and added continuously where the foam forms continuously. Diluted emulsions are used within the working shift; do not store them long term.

## 6. Packaging and storage

Supplied in the packing agreed for the order — drums, IBC totes or composite cartons for powder grades. Store in the closed original packing, out of direct sunlight, within 5–35 °C, and protect emulsions from freezing. Shelf life is stated on the product label; batches are traceable by lot number.

## 7. Safety and documentation

A model-specific GHS safety data sheet is issued on request for every model listed above; it is not reproduced here because classification follows the exact grade and the destination regulation. Handling guidance for the family: avoid eye and skin contact, use gloves and goggles, ensure ventilation, and do not discharge concentrates to drains.

## 8. Contact

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