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



# PR595 Silicone Wetting and Spreading Agent

Grades: PR595 · Form: Transparent oily liquid · Chemistry group: Defoamer Raw Materials

## 1. Product description

Low-molecular-weight non-ionic polyether-modified silicone surfactant. At 0.01% it drops surface tension to about 21 dynes/cm, so water-based agrochemicals wet and spread fast on waxy leaves.

## 2. Typical properties

| Property | PR595 |
|---|---|
| Appearance | Colourless to light amber transparent oily liquid |
| Viscosity (25 °C, mPa·s) | 20.0-40.0 |
| pH | 5.0-7.0 |
| Density (g/cm³) | 1.00■1.05 |

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

Water-soluble broadleaf herbicides · Insecticides · Fungicides · Plant growth regulators · Agrochemical tank mixes

## 4. Product characteristics

· Lowers surface tension to ~21 dynes/cm at 0.01%
· Rapid wetting of difficult waxy leaf surfaces
· Clearly improves plant tissue uptake
· Rain-fastness through fast cuticular penetration
· Excellently improves agrochemical performance

## 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

Tianjin Yining Meike Fine Chemical Co., Ltd.
No.197 Yuguan Road, Hebei District, Tianjin 300400, China
Email: fwj.tjs@gmail.com · Tel / WhatsApp: +86 185 2653 6999
Website: www.elonmek.com/contact — samples and application review on request.

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