ELONMEK
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Technical Data Sheet
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663 / 65340 Silicone-Free Fatty Alcohol Ether Emulsion Defoamer

Grades: 663, 65340 · Form: Silicone-free emulsion · Chemistry group: Silicone-Free Emulsion

1. Product description

Completely silicone-free fatty-alcohol-ether emulsion defoamer for low-pH foaming systems. Removes surface foam fast and strips micro-bubbles adsorbed on fibres.

2. Typical properties

Property	663	65340
Appearance	White emulsion	White emulsion
Active content	≥30.0	35.0±1.0
Viscosity (25 °C, mPa·s)	200-1000	200-1500
pH	5.5-7.5	5.5-7.5
Ionic type	Non-ionic	Non-ionic

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

Alum rosin sizing white water · Modified starch white water · Polyacrylamide retention systems · AKD emulsion sizing white water · Dye and pigment manufacture · Ink manufacture · Any process where silicone is not permitted

4. Product characteristics

· Completely silicone-free
· Removes surface foam and fibre-adsorbed micro-bubbles
· Low dosage, fast break
· Long-lasting inhibition

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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