ELONMEK
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Technical Data Sheet
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5724 / 2918 Acid- and Alkali-Resistant Silicone Ether Defoamer

Grades: 5724, 2918 · Form: Modified silicone ether emulsion · Chemistry group: Silicone & Ether

1. Product description

Modified silicone ether emulsion with outstanding acid and alkali resistance. Small dosages give strong break and inhibition while the physical state stays intact, no creaming, no oil-ring.

2. Typical properties

Property	5724	2918
Appearance	White emulsion	White emulsion
Active content	35.0±1.0	22.0±1.0
Viscosity (25 °C, mPa·s)	600-4000	300-1800
pH	6.0-8.0	6.0-8.0
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

Anionic surfactant systems · Viscous liquid systems · Textile and dyeing · Water treatment · Chemical cleaning

4. Product characteristics

· Excellent acid and alkali resistance
· Small dosage, strong defoaming and inhibition
· Does not break emulsion or form an oil ring
· Effective on anionic surfactant and viscous systems

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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