



MENGWEI
ADVANCED MATERIALS

07

— DIVISION 07

Specialty Surfactants & Industrial Chemicals

AGROCHEMICAL · LOW-FOAM · DISPERSANTS · PEG

- 01 Rigid Foam PU Systems
- 02 Flexible & Specialty Polyols
- 03 PU Waterproofing & Grouting
- 04 Polyurea Spray Systems
- 05 MS Polymer & Sealants
- 06 PU Additives & Catalysts
- 07 Specialty Surfactants & Industrial Chemicals

*Engineered to global specifications — one-stop
polyurethane raw materials & systems.*

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MENGWEI specialty surfactants and functional polyethers serve agrochemical formulation, metalworking and cleaning, water-based coatings and dispersion duties — including polyether dispersants and emulsifiers, glyphosate synergists, low-foam EO/PO block surfactants, polycarboxylate dispersants and de-salted polyethylene glycols.

Agro-formulation ready

Dispersants, wetters and emulsifiers for SC, EW and WDG.

Low-foam by design

EO/PO block and reverse surfactants for metalworking & cleaning.

PU-grade PEG

Low-dioxane, low-potassium PEG for TPU, adhesives and cosmetics.

Agrochemical Polyether Dispersants & Emulsifiers

MwAg-D

Wetting, dispersing and emulsifying agents for pesticide formulations.

GRADE	DESCRIPTION	CLOUD POINT
MwAg-D5000	Solid wetter / co-dispersant, high HLB, growth-inhibiting (SC, EW)	72–76 °C (1% aq.)
MwAg-D800	Nonionic block dispersant, high-solid EW, fine particle size	72–76 °C (1% aq.)
MwAg-D550	Liquid wetter / co-dispersant (SC, WDG)	43–49 °C (1% / 10% NaCl)
MwAg-W600	Wetter / emulsifier, improves grinding efficiency, low foam	34–38 °C (1% aq.)
MwAg-EL30	Castor-oil EO emulsifier / dispersant, antistatic	—
MwAg-EL36	Castor-oil EO emulsifier / dispersant	70–75 °C (5g/25g 25% BDG)
MwAg-2405	Coco-amine EO, liquid emulsifier / dispersant	—
MwAg-807	High-MW block dispersant, high-solid EW	85–90 °C (1% aq.)
MwAg-262	Di-sec-butylphenol EO/PO dispersant	37–49 °C (10% in 1:3 IPA:water)
MwAg-D108	EO/PO block (EO-PO-EO triblock) broad-spectrum dispersant / emulsifier (SC, FS, SE, WDG, WP)	—
MwAg-W1008	Wetter / penetrant / emulsifier, excellent in emamectin-benzoate EC (SL, OD, EC, ME, SC)	—

Glyphosate Synergists

MwAg-S

Synergists for glyphosate soluble-granule and liquid formulations.

GRADE	DESCRIPTION
MwAg-S21	Solid synergist for glyphosate soluble granules; good processing lubricity
MwAg-S21L	Liquid synergist for glyphosate soluble granules
MwAg-S78	Tallow-amine EO compound synergist; stable formulation, strong field performance
MwAg-S15	Tallow-amine EO synergist, solvent-free; emulsifier / dispersant / antistatic



Low-Foam EO/PO Block Surfactants

MwLF

Block and reverse-block polyethers for cleaning and metalworking.

GRADE	DESCRIPTION	CLOUD POINT
MwLF-61	Low-foam detergent / defoamer; paper-mill defoamer	21–25 °C (1% aq.)
MwLF-62	Wetting agent; dyeing, agro emulsifier, metalworking coolant	31–35 °C (1% aq.)
MwLF-64	40% EO; metalworking coolant/lubricant, rubber vulcanisation lube	59–61 °C (1% aq.)
MwLF-81	Detergent / defoamer; dishwashing, dairy & brewery cleaning	70–75 °C (5g/25g 25% BDG)
MwLF-105	Cloud 75 °C; glass-fibre sizing, agro emulsifier	65–70 °C (1% / 5% NaCl)
MwLF-R17	Reverse block; metalworking surface lubricant (mineral-oil replacement)	~37 °C (5g/25g 25% BDG)
MwLF-R17H	Reverse block; dairy/brewery cleaning, defoamer, mould release	~50 °C (5g/25g 25% BDG)

Low-Foam Nonionic & Functional Surfactants

MwSurf

Iso-alcohol and Guerbet-alcohol alkoxyates and functional surfactants.

GRADE	DESCRIPTION	CLOUD POINT
MwSurf-190	Iso-C10 EO/PO; degreasing, multifunctional cleaning	37–41 °C (5g/25g BDG)
MwSurf-191	Iso-C10 EO/PO; metalworking, ultrasonic cleaning	30–40 °C (1% aq.)
MwSurf-635	Guerbet EO/PO; rinse-aid, food & dairy cleaning	32–36 °C (1% aq.)
MwSurf-EH6	Fast wetting, low surface tension; PCB & textile pre-treatment	34–38 °C (1% aq.)
MwSurf-EH9	Hard-surface / PCB cleaner; agro wetter / synergist	60–64 °C (1% aq.)
MwSurf-EH14	Iso/Guerbet-alcohol EO/PO; high-efficiency wetting & penetration, strong emulsification, no gel range (SC, OD, SE, EC, EW, ME, FS)	—
MwSurf-141	Guerbet EO/PO; phosphate-free auto-dishwash, biodegradable	7–13 °C (1% aq.)
MwSurf-DF16	Acid-stable hard-surface cleaner; ion-exchange resin cleaning	34–38 °C (1% aq.)
MwSurf-W11	Low-foam wetting agent; solar wafer / mono-Si cutting fluid	—

High-EO Block Ethers, PEG & Dispersants

MwBE / MwPEG / MwPC

Carbon-black dispersants, de-salted PEG and polycarboxylate dispersants.

GRADE	DESCRIPTION
MwBE-68	Ca/Mg dispersant; acid-pickle cleaning, monomer emulsification
MwBE-108	80% EO block; carbon-black dispersant for waterborne coatings
MwBE-127	Block ether; agrochemical emulsifier / dispersant
MwPEG-200	Low-dioxane, low-EO-residue PEG, MW 200, K+ < 2 ppm



GRADE	DESCRIPTION
MwPEG-300	Low-dioxane, low-EO-residue PEG, MW 300, K+ < 2 ppm
MwPEG-400	Low-dioxane, low-EO-residue PEG, MW 400, K+ < 2 ppm
MwPEG-1000	Narrow-distribution PEG, MW 1000, K+ < 2 ppm; waterproof-breathable TPU, adhesives
MwPEG-2000	Narrow-distribution PEG, MW 2000, K+ < 2 ppm; waterproof-breathable TPU, adhesives
MwPC-305	Liquid comb-type polycarboxylate dispersant
MwPC-T36	Solid powder comb-type polycarboxylate dispersant
MwPC-T36L	25% liquid comb-type polycarboxylate dispersant

Other Functional Surfactants

MwSurf / MwPAG

Emulsifiers, solubilisers, lubricant polyethers and defoamers.

GRADE	DESCRIPTION
MwSurf-2A1	High-performance anionic emulsifier (45% active); acid/alkali & bleach stable
MwSurf-H66	Phosphate-ester solubiliser; degreasing, alkali-stable to 430 g/L
MwPAG-46	n-Butanol-initiated block polyether
MwPAG-180	Lubricant polyether
MwSurf-XS	Polyether-ester defoamer, high defoaming efficiency
MwSurf-AT80	Microbead dispersant / anti-redeposition agent; acid, alkali & hard-water stable

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