



We keep an eye
on your growth



AGRO SOLUTIONS
Adjuvants and Additives



About LEVACO

LEVACO Chemicals GmbH has over 50 years of experience in manufacturing additives for applications in agrochemicals, fibre production and for paints and coatings.

The company produces dispersants, emulsifiers, wetting agents and anti-foaming agents.

The Agro Solutions team provides in-depth knowledge of the development, production and application of additives and adjuvants in different agrochemical formulations.

The products are under the trade names of **LUCRAMUL®**, **LUCRAFOAM®** and **LUCROP®**.

LEVACO also manufactures chemicals for major chemical companies on a contractual basis.

The headquarter and production facilities are located in the Chempark Leverkusen, Germany.

The company also has an office in Hong Kong, **LEVACO Far East Limited**.

LEVACO Chemicals GmbH is a member of the Diersch & Schröder Group located in Bremen, Germany.



Suspension Concentrate (SC)

Dispersing agents

Trade name	Chemistry	Property	EPA
LUCRAMUL® PS 16	TSP [†] ethoxylate	Nonionic dispersant	✓
LUCRAMUL® PS 29	TSP [†] ethoxylate	Nonionic dispersant	✓
LUCRAMUL® PS 54	TSP [†] ethoxylate	Nonionic dispersant	✓
LUCRAMUL® SPS 16	TSP [†] ethoxylate ether sulfate ammonium salt	Anionic dispersant	✓
LUCRAMUL® PPS K 16	TSP [†] ethoxylate phosphate potassium salt	Anionic dispersant	✓
LUCRAMUL® PPS A 16	TSP [†] ethoxylate phosphate triethanolamine salt	Anionic dispersant	✓
LUCRAMUL® PPS A 16/60	TSP [†] ethoxylate phosphate triethanolamine salt	Anionic dispersant	✓
LUCRAMUL® GCP 01	Graft copolymer	Nonionic dispersant	✓
LUCRAMUL® GCP 02	Graft copolymer	Anionic dispersant	*
LUCRAMUL® AG 201	TSP [†] alkoxyate	Nonionic dispersant	✓
LUCRAMUL® AG 411	Alkyl alkoxyate	Nonionic dispersant	*
LUCRAMUL® AG 433	Alkyl alkoxyate	Nonionic dispersant	✓
LUCRACHEM® EPC 07	EO/PO blockcopolymer	Nonionic dispersant	✓

† TSP = Tristyrylphenol

* EPA can be submitted on request

Adjuvants

Trade name	Chemistry	Property	EPA
LUCRAMUL® DWS	Surfactant blend	Matched pair dispersing and wetting agent	*
LUCRAMUL® AG 489	Surfactant blend	Matched pair dispersing and wetting agent	*
LUCRAMUL® DIWA	Surfactant blend	Matched pair dispersing and wetting agent	*
LUCRAMUL® EXG	Natural polymer based	Rheology modifier	*

* EPA can be submitted on request

Defoamers

Trade name	Chemistry	Property	EPA
LUCRAFOAM® S 01	Silicone containing	Low silicone content	*
LUCRAFOAM® S 04	Silicone containing	High silicone content	*
LUCRAFOAM® PDT	Mineral oil containing	Silicone free	*

* EPA can be submitted on request



Soluble Liquid (SL)

Built in solution

Trade name	Chemistry	Property	EPA
LUCRAMUL® AG 4802	Aqueous surfactant blend (TFA free)	Compatible with glyphosate/glufosinate	*
LUCRAMUL® AG 4820	Aqueous surfactant blend (TFA free)	Compatible with glyphosate/glufosinate	*

* EPA can be submitted on request

Emulsifiable Concentrate (EC)

Emulsifiers

Trade name	Chemistry	Property	EPA
LUCRAMUL® L 10	Alkyl ethoxylate	Nonionic emulsifier	✓
LUCRAMUL® C 13/8	Branched alkyl ethoxylate	Nonionic emulsifier	✓
LUCRAMUL® PS 16	TSP† ethoxylate	Nonionic emulsifier	✓
LUCRAMUL® CO 30	Castor oil ethoxylate	Nonionic emulsifier	✓
LUCRAMUL® CO 40	Castor oil ethoxylate	Nonionic emulsifier	✓
LUCRAMUL® SMO 20	Sorbitan monooleate ethoxylate	Nonionic emulsifier	✓
LUCRAMUL® SML 20	Sorbitan monolaurate ethoxylate	Nonionic emulsifier	✓
LUCRAMUL® STO 20	Sorbitan trioleate ethoxylate	Nonionic emulsifier	✓
LUCRAMUL® DBA B	Calcium dodecyl benzene sulfonate in <i>n</i> -butanol	Anionic emulsifier	✓
LUCRAMUL® DBIB	Calcium dodecyl benzene sulfonate in <i>i</i> -butanol	Anionic emulsifier	✓
LUCRAMUL® DBEH	Calcium dodecyl benzene sulfonate in 2-ethylhexanol	Anionic emulsifier	✓
LUCRAMUL® 1061	Anionic/nonionic emulsifier blend	Matched pair	✓
LUCRAMUL® ECCO 1	Anionic/nonionic emulsifier blend	Matched pair - low HLB	*
LUCRAMUL® ECCO 2	Anionic/nonionic emulsifier blend	Matched pair - high HLB	*
LUCRAMUL® ECCO 4	Anionic/nonionic emulsifier blend	Matched pair - high HLB	*
LUCRAMUL® ECCO 5	Anionic/nonionic emulsifier blend	Matched pair - low HLB	*

† TSP = Tristyrylphenol

* EPA can be submitted on request

Adjuvants

Trade name	Chemistry	Property	EPA
LUCRAMUL® AG 411	Alkyl alkoxyolate	Humectant/additive for polar solvents	✓
LUCRAMUL® AG 433	Alkyl alkoxyolate	Humectant/additive for polar solvents	✓

Oil Dispersion (OD)

Emulsifiers

Trade name	Chemistry	Property	EPA
LUCRAMUL® L 03	Alkyl ethoxylate	Nonionic emulsifier	✓
LUCRAMUL® L 05	Alkyl ethoxylate	Nonionic emulsifier	✓
LUCRAMUL® 1819 DB	Oleyl ethoxylate	Nonionic emulsifier	✓
LUCRAMUL® CO 08	Castor oil ethoxylate	Nonionic emulsifier	✓
LUCRAMUL® CO 30	Castor oil ethoxylate	Nonionic emulsifier	✓
LUCRAMUL® SO 21	Soy oil ethoxylate	Nonionic emulsifier	✓
LUCRAMUL® SMO 20	Sorbitan monooleate ethoxylate	Nonionic emulsifier	✓
LUCRAMUL® SML 20	Sorbitan monolaurate ethoxylate	Nonionic emulsifier	✓
LUCRAMUL® STO 20	Sorbitan trioleate ethoxylate	Nonionic emulsifier	✓
LUCRAMUL® ADD 01	Modified vegetable oil ethoxylate	Nonionic emulsifier	✓
LUCRAMUL® OSE 04	Emulsifier blend	Matched pair	*
LUCRAMUL® DBA B	Calcium dodecyl benzene sulfonate in <i>n</i> -butanol	Anionic emulsifier	✓

* EPA can be submitted on request

Adjuvants

Trade name	Chemistry	Property	EPA
LUCRAMUL® AG 101	Alkyl alkoxylate	Ultra-fast spreading, penetrating	✓
LUCRAMUL® AG 103	Alkyl alkoxylate	Spreading, penetrating	✓

Suspo-emulsion (SE)

Dispersing agents

Trade name	Chemistry	Property	EPA
LUCRAMUL® GCP 01	Graft copolymer	Nonionic dispersant	✓
LUCRAMUL® GCP 02	Graft copolymer	Anionic dispersant	*
LUCRAMUL® AG 433	Alkyl alkoxylate	Nonionic dispersant	✓
LUCRAMUL® AG 489	Surfactant blend	Matched pair dispersing and wetting agent	*

* EPA can be submitted on request

Defoamers

Trade name	Chemistry	Property	EPA
LUCRAFOAM® S 01	Silicone containing	Low silicone content	*
LUCRAFOAM® S 04	Silicone containing	High silicone content	*
LUCRAFOAM® PDT	Mineral oil containing	Silicone free	*

* EPA can be submitted on request



Wettable Powders (WP) and Water Dispersible Granules (WDG/WG)

Dispersing agents

	Chemistry	Property	EPA
LUCRAMUL® DAC 210 dry	Condensed ketone sulfonate	Solid dispersing agent	*
LUCRAMUL® DAC 220	Condensed naphthalene sulfonate	Solid dispersing agent	✓
LUCRAMUL® DAC 230	Condensed naphthalene sulfonate	Solid dispersing agent	✓

* EPA can be submitted on request

Defoamer

Trade name	Chemistry	Property	EPA
LUCRAFOAM® DDF	Sodium alkylate	Solid defoamer	✓

Specialities - Wetting Agents

Trade name	Chemistry	Property	EPA
LUCRAMUL® AG 101	Alkyl alkoxylate	Ultra-fast spreading, penetrating	✓
LUCRAMUL® AG 103	Alkyl alkoxylate	Spreading, penetrating	✓
LUCRAMUL® AG 131 90%	Alkyl alkoxylate	Spreading, penetrating	✓
LUCRAMUL® AG 108	Alkyl alkoxylate	Spreading, penetrating	✓



Tank-mix adjuvants

Trade name	Chemistry	Property	EPA
LUCROP® BAN	Complex blend	Wetting/spreading, sticking	*
LUCROP® ADA	Blend of renewable polymer and mineral oil	Drift control, sticking	*
LUCROP® HPP	Complex blend	Wetting/spreading, penetration; UAV [‡] approved	*
LUCROP® SURF 1	Fatty alcohol alkoxyolate	Wetting/spreading, penetration	*
LUCROP® SW	Silicone based	Super-wetting/spreading, penetration	*
LUCROP® SWEP	Complex blend, silicone containing	Super-wetting/spreading, penetration	*
LUCROP® SWEP L	Complex blend, silicone containing	Wetting/spreading, penetration	*
LUCROP® SPREAD 24	Silicone based	Super-wetting/spreading, penetration	*
LUCROP® ROIL	Complex blend, fatty ester derivative based	Wetting/spreading, enhanced penetration	*

* EPA can be submitted on request

‡ UAV = unmanned aerial vehicle





For additional information please visit:
<https://agro-solutions.levaco.com>

LEVACO Chemicals GmbH

Chempark Leverkusen
Kaiser-Wilhelm-Allee
51368 Leverkusen
Germany

Phone: +49 (0)214 - 86927-0
Web: www.levaco.com
Email: agro@levaco.com

LEVACO Far East Limited

Room 10, 9 Floor, Sterling Centre
No. 11 Cheung Yue Street
Lai Chi Kok, Kowloon
Hong Kong

Phone: +852 2122 9025
Web: www.levaco.hk
Email: info-hongkong@levaco.com

LEVACO Chemicals GmbH holds following certificates:

AEO-certificate | Responsible Care | DIN EN ISO 9001:2015
DIN EN ISO 14001:2015 | DIN EN ISO 50001:2011
Kosher certificate

