



CROP SOLUTIONS



CROP SOLUTIONS PRODUCT LIST



OXITENO

Evolution by chemistry

TRADE NAME	APPLICATION
SPECIALTIES	
SURFOM® CE 8056	Emulsifier for ECs in vegetable oil methyl ester, free from alkylphenol ethoxylated
SURFOM® OD 8104	Dispersants for ODs for vegetable oil methyl ester, APE free
SURFOM® CS 8152	Full solution for Glufosinate SL
TANK MIX ADJUVANTS	
SURFOM® CE 1180	Emulsifier for crop oil concentrate (mineral oil), APE free
SURFOM® ADJ 8099	Emulsifier for vegetable oil, APE free
SURFOM® ADJ 8870 series	Adjuvant for crop oil or high surfactant oil concentrate (vegetable oil methyl ester), APE free
SURFOM® DRT series	Drift control adjuvant
GLYPHOSATE SOLUTIONS	
SURFOM® 5204 CS	Adjuvant for IPA glyphosate standard load (up to 360 g/L acid equivalent)
SURFOM® CS 8145	Competitive adjuvant for IPA glyphosate standard load (up to 360 g/L acid equivalent)
SURFOM® CS 8172	Competitive adjuvant for glyphosate salts (IPA or K) high load (up to 540 g/L acid equivalent)
MULTIPURPOSE EMULSIFIERS	
SURFOM® 3403 CE	Mixture of anionic and non-ionic surfactants, based on branched alkylbenzene sulfonate salt
SURFOM® 3404 CE	Mixture of anionic and non-ionic surfactants, based on branched alkylbenzene sulfonate salt
SURFOM® 3406 CE	Mixture of anionic and non-ionic surfactants, based on branched alkylbenzene sulfonate salt
SURFOM® CE 5409	Mixture of anionic and non-ionic surfactants, based on branched alkylbenzene sulfonate salt

TRADE NAME	FUNCTION				
ALKYL BENZENE SULFONATES FOR EMULSIFIABLE CONCENTRATES	ALKYL CHAIN	APPEARANCE 25°C/77°F	%	SOLVENT	NEUTRALIZER
SURFOM® 1287 CE	Linear	Liquid	67	Isobutanol	Calcium
SURFOM® CE 2115	Linear	Liquid	60	2-Ethylhexanol	Calcium
SURFOM® CE 2142	Linear	Liquid	35	Xylenes	Calcium
SURFOM® CS 2217	Linear	Liquid	50	Water	TEA

PRODUCT	DESCRIPTION	APPEARANCE 25°C/77°F	HLB	FUNCTION						
				EC	SC	SL	EW	ME	WP	WG
ETHOXYLATED FATTY ALCOHOL				EC	SC	SL	EW	ME	WP	WG
ALKOSYNT® ID 30	Isodecyl alcohol 3 EO	Liquid	9.1	E	W		E	E		
ALKOSYNT® ID 60	Isodecyl alcohol 6 EO	Liquid	12.5	E	W	W	E	E		
ALKOSYNT® IT 30	Isotridecyl alcohol 3 EO	Liquid	7.9	E	W		E	E		
ALKOSYNT® IT 60	Isotridecyl alcohol 6 EO	Liquid	11.2	E	W	W	E	E		
ALKOSYNT® IT 80	Isotridecyl alcohol 8 EO	Cloudy Liquid	12.8	E	W	A	E	E		
ALKOSYNT® IT 90	Isotridecyl alcohol 9 EO	Cloudy Liquid	13.3	E	W		E	E		
ALKOSYNT® IT 100	Isotridecyl alcohol 10 EO	Cloudy Liquid	13.8	E			E	E		
ALKOSYNT® IT 120	Isotridecyl alcohol 12 EO	Cloudy Liquid	14.5	E			E	E		W
ALKONAT® L 20	Lauryl alcohol 2 EO	Liquid	6.4	E	W		E	E		
ALKONAT® L 30	Lauryl alcohol 3 EO	Liquid	8.3	E	W		E	E		
ALKONAT® L 60	Lauryl alcohol 6 EO	Liquid	11.5	E	W	A	E	E		
ALKONAT® L 70	Lauryl alcohol 7 EO	Cloudy Liquid	12.1	E	W	A	E	E		
ALKONAT® L 90	Lauryl alcohol 9 EO	Cloudy Liquid	13.4	E	W	A	E	E		
ALKONAT® L 230	Lauryl alcohol 23 EO	Solid	16.9	E	D		E	E		
ALKONAT® CE 50	Cetyl stearyl alcohol 5 EO	Solid	10.0	E			E	E		
ALKONAT® CE 200 F	Cetyl stearyl alcohol 20 EO	Solid	15.4	E	D		E	E	D	D
ALKONAT® CE 250 F	Cetyl stearyl alcohol 25 EO	Solid	16.1	E	D		E	E	D	D
ALKONAT® OC 20	Oleyl cetyl alcohol 2 EO	Solid	5.0	E		A	E	E		
ALKONAT® OC 100	Oleyl cetyl alcohol 10 EO	Solid	15.3	E			E	E		
ALKONAT® E 20	Stearyl alcohol 2 EO	Solid	5.0	E			E	E		
ALKONAT® E 200	Stearyl alcohol 20 EO	Solid	15.3	E			E	E		
ALKONAT® C 20	Cetyl alcohol 2 EO	Solid	5.0	E			E	E		
ALKONAT® C 200	Cetyl alcohol 20 EO	Solid	15.4	E			E	E		

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PRODUCT	DESCRIPTION	APPEARANCE 25°C/77°F	HLB	FUNCTION							
				EC	SC	SL	EW	ME	WP	WG	
ETHOXYLATED CASTOR OIL				EC	SC	SL	EW	ME	WP	WG	
SURFOM® R 50	Castor oil 5 EO	Liquid	3.9	E	-	-	E	E	-	-	
SURFOM® R 150	Castor oil 15 EO	Liquid	8.3	E	-	-	E	E	-	-	
SURFOM® R 200	Castor oil 20 EO	Liquid	9.9	E	-	-	E	E	-	-	
SURFOM® R 300*	Castor oil 30 EO	Liquid	11.5	E	-	-	E	E	-	-	
SURFOM® R 360	Castor oil 36 EO	Liquid	12.6	E	-	-	E	E	-	-	
SURFOM® R 400	Castor oil 40 EO	Liquid	13.2	E	-	-	E	E	-	-	
SURFOM® R 540	Castor oil 54 EO	Solid	14.4	E	-	-	E	E	-	-	
TALLOW AMINE ETHOXYLATED				EC	SC	SL	EW	ME	WP	WG	
ULTRAMINA® CO 50	Coco amine 2 EO	Liquid	-	-	-	A	-	-	-	-	
ULTRAMINA® CO 120	Coco amine 12 EO	Liquid	-	-	-	A	-	-	-	-	
ULTRAMINA® CO 150	Coco amine 15 EO	Liquid	-	-	-	A	-	-	-	A	
ULTRAMINA® TA 20	Tallow amine 2 EO	Liquid	-	-	-	A	-	-	-	-	
ULTRAMINA® TA 50	Tallow amine 5 EO	Liquid	-	-	-	A	-	-	-	-	
ULTRAMINA® TA 100	Tallow amine 10 EO	Liquid	-	-	-	A	-	-	-	-	
ULTRAMINA® TA 120	Tallow amine 12 EO	Liquid	-	-	-	A	-	-	-	-	
ULTRAMINA® TA 150	Tallow amine 15 EO	Liquid	-	E	D	A	-	-	-	A	
ULTRAMINA® TA 200	Tallow amine 20 EO	Liquid	-	-	-	A	-	-	-	A	
ETHOXYLATED FATTY ACID				EC	SC	SL	EW	ME	WP	WG	
ULTRACID® E 130	Stearic acid 13 EO	-	13.1	E	-	-	E	E	-	-	
ULTRACID® L 90	Lauric acid 9 EO	-	13.3	E	-	-	E	E	-	-	

*low K and Na salts

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PRODUCT	DESCRIPTION	APPEARANCE 25°C/77°F	HLB	FUNCTION						
				EC	SC	SL	EW	ME	WP	WG
EO/PO ALCOHOL & EO/PO COPOLYMER				EC	SC	SL	EW	ME	WP	WG
ALKOMOL® L 408	EO/PO lauryl alcohol	Cloudy Liquid	15.6	E	D	-	E	E	-	-
ALKOMOL® L 504	EO/PO lauryl alcohol	Cloudy Liquid	6.9	E	D	-	E	E	-	-
ALKOMOL® L 603	EO/PO lauryl alcohol	Cloudy Liquid	13.9	E	D	-	E	E	-	-
ALKOMOL® IT 406	EO/PO isotridecyl alcohol	Cloudy Liquid	13.5	E	D	-	E	13.9	-	-
ULTRARIC® 5000 HM	EO/PO n-butanol	Solid	15.9	E	D	-	E	13.9	-	-
ULTRARIC® PE 62	EO/PO block copolymer	Liquid	7.3	E	D	-	E	E	-	-
ULTRARIC® PE 64	EO/PO block copolymer	Liquid	15.8	E	D	-	E	E	-	-
ULTRARIC® PE 104	EO/PO block copolymer	Solid	8.0	E	D	-	E	E	-	-
ULTRARIC® PE 105	EO/PO block copolymer	Solid	10.0	E	D	-	E	E	-	-
POLYSORBATES & SORBITAN ESTERS				EC	SC	SL	EW	ME	WP	WG
ALKEST® SP 20	Sorbitan monolaurate	Liquid	8.6	E	-	-	E	E	-	-
ALKEST® SP 60	Sorbitan monostearate	Liquid	4.7	E	-	-	E	E	-	-
ALKEST® SP 80	Sorbitan monooleate	Liquid	4.3	E	-	-	E	E	-	-
ALKEST® TW 20	Sorbitan monolaurate 20 EO	Liquid	16.7	E	-	A	E	E	-	-
ALKEST® TW 60	Sorbitan monostearate 20 EO	Liquid	14.9	E	-	A	E	E	-	-
ALKEST® TW 80	Sorbitan monooleate 20 EO	Liquid	15.0	E	-	A	E	E	-	-
SURFOM® 1352	Sorbitol hexaoleate 40 EO	Liquid	10.2	E	-	-	E	E	-	-
ACRYLATES				EC	SC	SL	EW	ME	WP	WG
SURFOM® SC 8223	Acrylic polymer	Liquid	13.1	-	D	-	-	-	-	-

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PRODUCT	DESCRIPTION	APPEARANCE 25°C/77°F	HLB	FUNCTION						
				EC	SC	SL	EW	ME	WP	WG
ETHOXYLATED TRISTYRYLPHENOL				EC	SC	SL	EW	ME	WP	WG
SURFOM® CE 8214	Tristyrylphenol 10 EO	Liquid	10.1	E	D	-	E	E	-	-
SURFOM® CE 1299	Tristyrylphenol 16 EO	Liquid	12.7	E	D	-	E	E	-	-
SURFOM® 1432 CE	Tristyrylphenol 18 EO	Liquid	13.5	E	D	-	E	E	-	-
SURFOM® CE 8110	Tristyrylphenol 25 EO	Solid	14.5	E	D	-	E	E	-	-
SURFOM® 1420 CE	Tristyrylphenol 29 EO	Solid	16.2	E	D	-	E	E	-	-
SURFOM® CE 2012	Tristyrylphenol 54 EO	Solid	17.1	E	D	-	E	E	-	-
PHOSPHATE ESTERS				EC	SC	SL	EW	ME	WP	WG
SURFOM® 1500 SC	Nonylphenol 6 EO phosphate ester, potassium salt	Liquid	-	-	D	-	-	-	-	-
SURFOM® 1322 SC	Tristyrylphenol EO phosphate ester, TEA salt	Liquid	-	-	D	-	-	-	-	-
SURFOM® 1323 SC	Tristyrylphenol EO phosphate (acid form)	Liquid	-	-	D	-	-	-	-	-
SURFOM® 1325 SC	Tristyrylphenol EO phosphate, potassium salt	Liquid	-	-	D	-	-	-	-	-

PRODUCT	DESCRIPTION	APPEARANCE 25°C/77°F	%	FUNCTION						
				EC	SC	SL	EW	ME	WP	WG
SULFATED, BETAINE AND ALKANOLAMIDE				EC	SC	SL	EW	ME	WP	WG
ALKOPON® N	Sodium lauryl ether sulfate 28%	Liquid	28	-	-	A	-	-	-	-
ALKOPON® CN	Sodium lauryl ether sulfate 70%	Paste	70	-	-	A	-	-	-	-
ALKOPON® NS	Sodium lauryl sulfate 28%	Liquid	28	-	-	A	-	-	-	-
SURFOM® CE 8384	Tristyrylphenol EO sulfate, ammonium salt	Liquid	100	-	D	-	-	-	-	-
ALKOLAN® CD 90	Cocoamide DEA	Liquid	100	-	-	A	-	-	-	-

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			EC	SC	SL	EW	ME	WP	WG	
POWDER SURFACTANTS			EC	SC	SL	EW	ME	WP	WG	
SURFOM® 950 PM	Ethoxylated nonylphenol adsorbed on silica	Powder	-	-	-	-	-	W	W	
SURFOM® 260 PM	Ethoxylated alcohol adsorbed on silica	Powder	-	-	-	-	-	W	W	
SURFOM® 1429 PM	Ethoxylated fatty alcohol adsorbed on silica	Powder	-	-	-	-	-	W	W	
SURFOM® D	Sodium naphthalene condensate sulfonate	Powder	-	D	-	-	-	D	D	
SURFOM® HRB	Sodium alkyl naphthalene sulfonate	Powder	-	W	-	-	-	W	W	
SURFOM® WG 8168	Sodium alkyl naphthalene condensate sulfonate	Powder	-	D	-	-	-	D	D	

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				EC	SC	SL	EW	ME	WP	WG	
ETHOXYLATED NONYLPHENOL				EC	SC	SL	EW	ME	WP	WG	
ULTRANEX® NP 40	Nonylphenol 4 EO	Liquid	8.9	E	W	-	E	E	-	-	
ULTRANEX® NP 60	Nonylphenol 6 EO	Liquid	10.9	E	W	A	E	E	-	-	
ULTRANEX® NP 80	Nonylphenol 8 EO	Liquid	12.3	E	W	A	E	E	-	-	
ULTRANEX® NP 95	Nonylphenol 9.5 EO	Liquid	13.0	E	W	A	E	E	-	-	
ULTRANEX® NP 100	Nonylphenol 10 EO	Liquid	13.3	E	W	A	E	E	-	-	
ULTRANEX® NP 120	Nonylphenol 12 EO	Liquid	14.1	E	-	-	E	E	-	-	
ULTRANEX® NP 150	Nonylphenol 15 EO	Liquid	15.0	E	-	-	E	E	-	-	
ULTRANEX® NP 300	Nonylphenol 30 EO	Solid	17.1	E	D	-	E	E	-	D	
ULTRANEX® NP 400	Nonylphenol 40 EO	Solid	17.8	E	D	-	E	E	-	D	

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			EC	SC	SL	EW	ME	WP	WG	
GLYCOLS AND POLYETHYLENE GLYCOLS			EC	SC	SL	EW	ME	WP	WG	
MONOETHYLENEGLYCOL	Ethyleneglycol	Liquid	-	AF	S	AF	-	-	-	
DIETHYLENEGLYCOL	Diethyleneglycol	Liquid	-	AF	S	AF	C	-	-	
TRIETHYLENEGLYCOL	Triethyleneglycol	Liquid	-	-	S	-	-	-	-	
ULTRAPEG® 200 A 600	Polyethylene glycols	Liquid	-	-	A	-	-	-	-	
ULTRAPEG® 1000 A 8000	Polyethylene glycols	Flakes or Solid	-	-	-	-	-	D	D	
GLICENAT®	Glycerin	Liquid	-	AF	AF	AF	-	-	-	

PRODUCT	DESCRIPTION	FLASH POINT °C T.O.C	SOLUBILITY (%)*	FUNCTION							
				EC	SC	SL	EW	ME	WP	WG	
GREEN				EC	SC	SL	EW	ME	WP	WG	
ISOPENTANOL	Isoamyl alcohol	42.7	1.7	S	-	-	C	C	-	-	
ISOBUTANOL	Isobutyl alcohol	31.1	9.5	S	-	-	C	C	-	-	
SURFOM® CE 8115	Ester of natural alcohol	93.0	Insoluble	S	-	-	-	-	-	-	
SOLVENTS				EC	SC	SL	EW	ME	WP	WG	
SEC-BUTANOL	sec-Butyl alcohol	26.7	60	S	-	S	C	C	-	-	
ETHYLGLYCOL	Ethylglycol	54.4	100	C	-	S	-	C	-	-	
ETHYLDIGLYCOL	Ethyldiglycol	96.1	100	C	-	S	-	C	-	-	
ETHYLTRIGLYCOL	Ethyltriglycol	135.0	100	-	-	S	-	-	-	-	
BUTYLGLYCOL	Butylglycol	73.9	100	C	-	C	-	-	-	-	
BUTYLDIGLYCOL	Butyldiglycol	115.6	100	C	-	C	-	C	-	-	
SURFOM® EMS 2000	Soybean methyl ester	186.0	Insoluble	S	-	-	C	C	-	-	
SURFOM® CE 8434	C8C10 methyl ester	90.0	Insoluble	S	-	-	-	-	-	-	
EMCAPLUS® LINE	White mineral oil	>100.0	Insoluble	S	-	-	S	S	-	-	
EMCAPAR® LINE	White mineral oil	>100.0	Insoluble	S	-	-	S	S	-	-	

*weight solvent by weight water

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DISCLAIMER

This information is provided in good faith, based on Oxiten's current knowledge of the subject and is purely indicative. No information, including suggestions for using the products, should preclude experimental testing and verification, which are essential to ensuring the suitability of the products for each specific application. Consult the contact from your region or country regarding the availability of each product. All users must also respect local laws and obtain all the necessary permits. When handling the product, consult the safety data sheet. If you have any questions or additional needs, please contact Oxiten through our customer service channels.