



Gp

Green Polymer  
Additives

Additives by Resin

---

# CREATING VALUE for tomorrow, through all that we do today

From basics to semi-specialty and specialty chemicals, Emery Oleochemicals is dedicated to providing customers with best-in-class solutions through continuous product development and stringent quality standards. Derived from renewable resources, our products are predominantly made from natural oils and fats such as palm kernel oil and tallow. We pride ourselves on having a diverse portfolio of oleochemical products suited for a broad range of applications.

Our portfolio includes renewable solutions for the Agro Green, Bio-Lubricants, Eco-friendly Polyols, Green Polymer Additives, Home and Personal Wellness and OleoBasics markets.

## Leading product innovation naturally

We are committed to CREATING VALUE for you with our combined strengths in global manufacturing footprint, research and development, distribution, marketing and technical know-how. Uniquely packaged, our competitive advantage enables us to offer you innovative and competitive solutions designed to meet your needs.

Guided by an inventive spirit that goes beyond providing high-performance solutions, we are able to help your business deal with the challenges of a market that is going greener by the day. This makes us your preferred natural-based chemical solutions partner.



## Designing natural-based solutions in polymers for a better tomorrow

For over 60 years, we have been recognized as a leading innovator of a broad range of polymer additives with our high-performance natural-based chemical brands, LOXIOL® and EDENOL®. For having successfully improved our customers' product performance and processing efficiencies, our solutions today can be found in growth markets such as housing and construction, automotive, packaging and electronics. Our products are also known to enhance the quality of items for everyday life including toys and sporting equipment.

As your preferred partner with leading technical expertise, we offer customized solutions based on product groups such as lubricants, plasticizer and viscosity depressants, anti-static and anti-fogging agents, release agents, surfactants, green polyols and specialty fatty acids.

We remain committed to delivering the highest in quality standards and innovative solutions while building a sustainable tomorrow in polymers.

# CONTENTS



Polyvinylchloride	4
Acrylonitrile Butadiene Styrene Copolymer	10
Polyamide	11
Polycarbonate	11
Polyethylene	12
Polyethyleneterephthalate / Polybutyleneterephthalate	13
Phenolic Resin	14
Polymethylmethacrylate	14
Polyoxymethylene	15
Polypropylene	16
Polystyrene	17
Polyurethane	17
Styrene / Acrylonitrile Copolymer	18
Styrene / Butadiene Copolymer	19
Synthetic Rubbers	20

Disclaimer: The information provided herein is for the sole purpose of presenting Emery Oleochemicals, its products and services. It is given without any express or implied representation, guarantee, or warranty of completeness, correctness or any other kind of assurance.

All products in the text marked with an \* are trademarks of Emery Oleochemicals. The information on product specifications provided herein is only binding to the extent confirmed by Emery Oleochemicals in a written Sales Agreement. EMERY OLEOCHEMICALS EXPRESSLY DISCLAIMS ANY RESPONSIBILITY FOR THE SUITABILITY OF THE PRODUCTS FOR ANY SPECIFIC OR PARTICULAR PURPOSES INTENDED BY THE USER. Suggestions for the use and application of the products and guide formulations are given for information purposes only and without commitment. Such suggestions do not release Emery Oleochemicals' customers from testing the products as to their suitability for the customer's intended processes and purposes. Emery Oleochemicals does not assume any liability or risk involved in the use of its products as the conditions of use are beyond its control. The user of the products is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties.

Release 10 / 2013  
Subject to alteration & errors and omissions excepted.

Product	Function	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
LOXIOLO® G 10	Lubricant, internal	Glycerol ester	liquid	<4*	0.5-2.5
LOXIOLO® G 10 V	Lubricant, internal	Glycerol ester	liquid	<0*	0.5-2.5
LOXIOLO® G 11	Lubricant, internal	Fatty acid ester of polyol	liquid	<-10*	0.5-1.5
LOXIOLO® G 13	Lubricant, internal	Fatty acid ester of polyol	liquid	<-10*	0.5-1.5
LOXIOLO® G 16	Lubricant, internal	Glycerol ester	liquid	<0*	0.5-1.5
LOXIOLO® G 40	Lubricant, internal	Wax ester	liquid	<7*	0.2-1.5
LOXIOLO® P 1141	Lubricant, internal	Glycerol ester	liquid	<0*	0.5-1.5
LOXIOLO® G 12	Lubricant, internal	Glycerol ester	solid	55-62	0.5-1.5
LOXIOLO® G 12-40 / LOXIOLO® G 12-40 V	Lubricant, internal	Glycerol ester	solid	55-61	0.5-1.5
LOXIOLO® G 15 PULVER	Lubricant, internal	Fatty acid ester of polyol	solid	83-87	0.5-2.5
LOXIOLO® G 41	Lubricant, internal	Wax ester	solid	69-77	0.5-1.5
LOXIOLO® G 53	Lubricant, internal	Fatty alcohol	solid	49-54	0.5-1.5
LOXIOLO® G 59	Lubricant, internal	Ester wax	solid	68-72	0.5-3.0
LOXIOLO® G 60	Lubricant, internal	Dicarboxylic acid ester	solid	44-47	0.5-3.0
LOXIOLO® G 62	Lubricant, internal	Fatty acid ester	solid	50-55	0.5-1.5
LOXIOLO® G 63	Lubricant, internal	Fatty acid ester	solid	50-55	0.5-1.5
LOXIOLO® G 72	Lubricant, internal	High molecular weight poly ester	solid	43-47	0.3-1.0
LOXIOLO® GH 4	Lubricant, internal	Combination lubricant	solid	76-81	0.8-1.5
LOXIOLO® 3591	Lubricant, internal	Combination lubricant	solid	100-108	0.2-1.5
LOXIOLO® P 728	Lubricant, internal	Polyol partial ester	solid	49-52	0.5-1.5
LOXIOLO® EP 3500	Lubricant, internal + external	Ca-stearate	solid	150-170	0.2-0.5
LOXIOLO® G 30	Lubricant, internal + external	Wax ester	solid	46-49	0.5-1.5
LOXIOLO® G 31	Lubricant, internal + external	Wax ester	solid	74-78	0.5-1.5
LOXIOLO® G 32	Lubricant, internal + external	Wax ester	solid	52-56	0.5-1.5
LOXIOLO® G 34 R	Lubricant, internal + external	Ester wax	solid	53-58	0.5-1.5
LOXIOLO® GS 891	Lubricant, internal + external	Combination lubricant containing metal soap	solid	95-101	1.5-2.0
LOXIOLO® G 71 S	Lubricant, external	High molecular weight poly ester	liquid	<-20*	0.2-1.0
LOXIOLO® 2050	Lubricant, external	Paraffin wax	solid	104-110	0.1-0.5
LOXIOLO® 2899	Lubricant, external	Polyol ester	solid	70-80	0.3-0.8
LOXIOLO® VPG 2571	Lubricant, external	Polyol ester	solid	75-80	0.3-0.8
LOXIOLO® VPN 960	Lubricant, external	Polyol ester	solid	62-68	0.2-1.0
LOXIOLO® VPN 963	Lubricant, external	Combination lubricant	solid	80-90	0.1-0.5
LOXIOLO® G 24	Lubricant, external	Polyol ester	solid	50-55	0.3-0.8

# PVC

## PVC-FIELDS OF APPLICATION

Product	PVC-P				PVC-U			
	Extrusion	Calendering	Injection Moulding	Paste	Profile, Sheet	Pipe	Injection Moulding	Film
LOXIOLO® G 10	x	o	x	x				
LOXIOLO® G 10 V	x	o	x	x				
LOXIOLO® G 11					x			
LOXIOLO® G 13	x		x		x			
LOXIOLO® G 16					o		o	x
LOXIOLO® G 40	x	x	x		x			
LOXIOLO® P 1141					o		x	x
LOXIOLO® G 12					x		o	
LOXIOLO® G 12-40 / LOXIOLO® G 12-40 V					x		o	
LOXIOLO® G 15 PULVER					o		o	
LOXIOLO® G 41					x			
LOXIOLO® G 53					o		o	
LOXIOLO® G 59					x	x	x	
LOXIOLO® G 60					x	x	x	
LOXIOLO® G 62	x		x		x	x	x	
LOXIOLO® G 63	x		x		x	x	x	
LOXIOLO® G 72					o			o
LOXIOLO® GH 4					x		o	
LOXIOLO® 3591	x	x			x	x		x
LOXIOLO® P 728					x	x	x	
LOXIOLO® EP 3500					x			
LOXIOLO® G 30					x	x	x	
LOXIOLO® G 31					x	x	x	
LOXIOLO® G 32					x	x	x	
LOXIOLO® G 34 R					x	x	x	
LOXIOLO® GS 891							x	
LOXIOLO® G 71 S	x	x	x	x				o
LOXIOLO® 2050					x	x		
LOXIOLO® 2899	x		x		x	x	x	
LOXIOLO® VPG 2571					x	x	x	
LOXIOLO® VPN 960					x	x		
LOXIOLO® VPN 963					x	x		
LOXIOLO® G 24	x		x		x	x	x	x

\* = pour point  
x = very suitable  
o = quite suitable

Product	Function	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
LOXIOLO® G 20	Lubricant, external	Fatty acid	solid	54-56	0.1-0.5
LOXIOLO® G 21 H	Lubricant, external	Fatty acid	solid	71-80	0.1-0.5
LOXIOLO® G 47	Lubricant, external	Wax ester	solid	60-64	0.3-1.0
LOXIOLO® G 70 S	Lubricant, external	High molecular weight poly ester	solid	55-58	0.2-0.8
LOXIOLO® G 78	Lubricant, external	Combination lubricant	solid	105-115	0.3-1.2
LOXIOLO® G 78 V	Lubricant, external	Combination lubricant	solid	100-110	0.3-1.2
LOXIOLO® GE 2063	Lubricant, external	Lubricant with co-stabilizing effect	solid	90-160	1.7-2.5
LOXIOLO® P 1508	Lubricant, external	PE wax	solid	90-140	0.05-0.2
LOXIOLO® P 1732	Lubricant, external	Combination lubricant	solid	100-115	0.3-1.2
LOXIOLO® 1820	Lubricant, external	Combination lubricant	solid	115-120	0.5-1.5
LOXIOLO® P 2072	Lubricant, external	Combination lubricant	solid	100-130	0.5-1.5
LOXIOLO® P 621	Lubricant, external	Combination lubricant	solid	82-85	0.2-0.8
LOXIOLO® 3376	Lubricant, external	High molecular weight poly ester	solid	84-88	0.5-0.8
LOXIOLO® VPG 1781	Lubricant, external	Combination lubricant	solid	90-100	0.8-1.2
LOXIOLO® G 71 S	Release Agent	High molecular weight poly ester	liquid	<-20*	0.2-1.0
LOXIOLO® EBS SPEZ P	Release Agent	Ethylene-bis-stearamide	solid	141-147	0.2-0.4
LOXIOLO® G 70 S	Release Agent	High molecular weight poly ester	solid	55-58	0.2-0.8
LOXIOLO® G 72	Release Agent	High molecular weight poly ester	solid	43-47	0.3-1.0
LOXIOLO® G 78	Release Agent	Combination lubricant	solid	105-115	0.3-1.2
LOXIOLO® G 78 V	Release Agent	Combination lubricant	solid	100-110	0.3-1.2
EDENOL® T810T STAB	Plasticizer, high temperature	Trimellitate ester	liquid	-	30-80
EDENOL® TOTM	Plasticizer, high temperature	Trimellitate ester	liquid	-	30-80
EDENOL® 888	Plasticizer, low temperature	Sebacate ester	liquid	-	max. 50
EDENOL® DOZ	Plasticizer, low temperature	Azelaic ester	liquid	-	max. 45
EDENOL® 9058	Plasticizer, low temperature	Azelaic ester	liquid	-	max. 45
EDENOL® DBS	Plasticizer, low temperature	Sebacate ester	liquid	-	max. 50
EDENOL® DIDA	Plasticizer, low temperature	Adipate ester	liquid	-	max. 50
EDENOL® 196	Plasticizer, high temperature	Diester	liquid	-	30-80
EDENOL® 1200	Plasticizer, oil & solvent resistant	Polymeric plasticizer based on adipic acid	liquid	-	30-80
EDENOL® 1208	Plasticizer	Polymeric plasticizer	liquid	-	10-60
EDENOL® 1215	Plasticizer, oil & solvent resistant	Polymeric plasticizer based on adipic acid	liquid	-	30-80
EDENOL® 1233 SPEZIAL	Plasticizer	Polymeric plasticizer	liquid	-	25-40
EDENOL® 1234	Plasticizer, oil & solvent resistant	Polymeric plasticizer based on adipic acid	liquid	-	30-80
EDENOL® 9789	Plasticizer	Polymeric plasticizer	liquid	-	15-40

# PVC

## PVC-FIELDS OF APPLICATION

Product	PVC-P				PVC-U			
	Extrusion	Calendering	Injection Moulding	Paste	Profile, Sheet	Pipe	Injection Moulding	Film
LOXIOLO® G 20	x	x	x		x	x	o	
LOXIOLO® G 21 H	x	x	x		x	x	o	
LOXIOLO® G 47					x		o	
LOXIOLO® G 70 S					x		x	x
LOXIOLO® G 78					o		o	x
LOXIOLO® G 78 V					o		o	x
LOXIOLO® GE 2063					x			
LOXIOLO® P 1508					x	x		
LOXIOLO® P 1732					o		o	x
LOXIOLO® 1820					x			
LOXIOLO® P 2072					x			
LOXIOLO® P 621								x
LOXIOLO® 3376					x		x	x
LOXIOLO® VPG 1781					x			
LOXIOLO® G 71 S	x	x	x	x				o
LOXIOLO® EBS SPEZ P	x							x
LOXIOLO® G 70 S					x		x	x
LOXIOLO® G 72					o			o
LOXIOLO® G 78					o		o	x
LOXIOLO® G 78 V					o		o	x
EDENOL® T810T STAB	x	x	x	x				
EDENOL® TOTM	x	x	x	x				
EDENOL® 888	x	x	x	x				
EDENOL® DOZ	x	x	x	x				
EDENOL® 9058	x	x	x	x				
EDENOL® DBS	x	x	x	x				
EDENOL® DIDA	x	x	x	x				
EDENOL® 196	x	x	x	x				
EDENOL® 1200	x	x	x	x				
EDENOL® 1208	x	x	x	x				
EDENOL® 1215	x	x	x	x				
EDENOL® 1233 SPEZIAL	x	x	x	x				
EDENOL® 1234	x	x	x	x				
EDENOL® 9789	x	x	x	x				

\* = pour point  
x = very suitable  
o = quite suitable

Product	Function	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
EDENOL® B 316 SPEZIAL	Plasticizer, stabilising properties	Epoxidised linseed oil	liquid	-	1-20
EDENOL® D 81	Plasticizer, stabilising properties	Epoxidised soya bean oil	liquid	-	1-20
EDENOL® D 82 S	Plasticizer, stabilising properties	Epoxidised soya bean oil	liquid	-	1-20
LOXIOL® DP	Plasticizer, secondary	Fatty acid polyglycol ester	liquid	-	0.5-2.0
EDENOL® 190	Viscosity Regulator	Fatty acid ester	liquid	-	max. 15
EDENOL® 192	Viscosity Regulator	Fatty acid ester	liquid	< 15*	max. 15
EDENOL® 2166	Viscosity Regulator	Polyol ester	liquid	-	max. 20
EDENOL® 311	Viscosity Regulator	Fatty acid ester	liquid	-	1.0-5.0
LOXIOL® LS 3 DEO N	Viscosity Regulator	Fatty alcohol polyglycol ether	liquid	-	0.5-2.0
LOXIOL® 3366	Antistatic Agent	Polyol partial ester	liquid	-	0.5-3.0
LOXIOL® 3380	Antistatic Agent	Mixture based on polyglycol ester	liquid	-	0.5-3.0
LOXIOL® 80 X	Antistatic Agent	Mixture of anionic and non-ionic compounds	liquid	-	0.2-2.0
LOXIOL® VPA 1726	Antistatic Agent	Polyol partial ester	liquid	-	0.5-3.0
LOXIOL® 93 P	Antistatic Agent	Anionic compound	solid	-	0.2-1.0
LOXIOL® A 2	Antifogging Agent	Fatty acid ester compound	liquid	-	2.0-4.0
LOXIOL® A 4	Antifogging Agent	Fatty acid ester compound	liquid	-	2.0-4.0
LOXIOL® A 4 SPEZIAL	Antifogging Agent	Fatty acid ester compound	liquid	-	2.0-4.0
LOXIOL® E SPEZ P	Antiblocking / Slip Agent	Erucic acid amide	solid	78-84	0.5-1.0
LOXIOL® OA SPEZ P	Antiblocking / Slip Agent	Oleic acid amide	solid	70-76	0.5-1.0



# PVC

## PVC-FIELDS OF APPLICATION

Product	PVC-P				PVC-U			
	Extrusion	Calendering	Injection Moulding	Paste	Profile, Sheet	Pipe	Injection Moulding	Film
EDENOL® B 316 SPEZIAL	x	x	x	x				
EDENOL® D 81	x	x	x	x				
EDENOL® D 82 S	x	x	x	x				
LOXIOL® DP				x				
EDENOL® 190	x	x		x				
EDENOL® 192				x				
EDENOL® 2166	x							
EDENOL® 311				x				
LOXIOL® LS 3 DEO N				x				
LOXIOL® 3366	x	x	x	x				
LOXIOL® 3380	x	x	x	x				
LOXIOL® 80 X	x	x	x	x	x	x	x	x
LOXIOL® VPA 1726					x	x	x	x
LOXIOL® 93 P	x	x	x	x	x	x	x	x
LOXIOL® A 2	x							
LOXIOL® A 4	x							
LOXIOL® A 4 SPEZIAL	x							
LOXIOL® E SPEZ P				x				x
LOXIOL® OA SPEZ P				x				x

\* = pour point  
 x = very suitable  
 o = quite suitable

Product	Function	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
LOXIOLO® 8312	Lubricant	High-mono GMS	solid	67-71	0.1-0.5
LOXIOLO® 8314	Lubricant	High-mono GMS	solid	67-71	0.1-0.5
LOXIOLO® 8314 PASTILLE	Lubricant	High-mono GMS	solid	67-71	0.1-0.5
LOXIOLO® 8315	Lubricant	Glycerol ester	solid	55-62	0.1-0.5
LOXIOLO® 8315 PASTILLE	Lubricant	Glycerol ester	solid	55-62	0.1-0.5
LOXIOLO® EBS SPEZ P	Lubricant	Ethylene-bis-stearamide	solid	141-147	1.0-2.0
LOXIOLO® EP 8578	Lubricant	Polyol ester	solid	60-65	0.5-1.5
LOXIOLO® EP-PTS	Lubricant	Polyol ester	solid	50-55	1.0-1.5
LOXIOLO® G 32	Lubricant	Wax ester	solid	52-56	1.0-1.5
LOXIOLO® G 34 R	Lubricant	Ester wax	solid	53-58	1.0-1.5
LOXIOLO® G 78	Lubricant	Combination lubricant	solid	100-115	0.3-1.0
LOXIOLO® G 78 V	Lubricant	Combination lubricant	solid	100-115	0.3-1.0
LOXIOLO® P 861 / 3.5	Lubricant	Polyol ester	solid	60-63	1.0-1.5
LOXIOLO® P 861 / 3.5 SPECIAL	Lubricant	Polyol ester	solid	60-63	1.0-1.5
LOXIOLO® EP 3500	Release Agent	Ca-stearate	solid	150-170	0.2-0.5
LOXIOLO® G 32	Release Agent	Wax ester	solid	52-56	1.0-1.5
LOXIOLO® G 34 R	Release Agent	Ester wax	solid	53-58	1.0-1.5
LOXIOLO® G 78	Release Agent	Combination lubricant	solid	100-115	0.3-1.0
LOXIOLO® G 78 V	Release Agent	Combination lubricant	solid	100-115	0.3-1.0
LOXIOLO® 8312	Antiblocking / Slip Agent	High-mono GMS	solid	67-71	0.1-0.5
LOXIOLO® 8314	Antiblocking- / Slip Agent	High-mono GMS	solid	67-71	0.1-0.5
LOXIOLO® 8314 PASTILLE	Antiblocking- / Slip Agent	High-mono GMS	solid	67-71	0.1-0.5
LOXIOLO® 8315	Antiblocking- / Slip Agent	Glycerol ester	solid	55-62	0.1-0.5
LOXIOLO® 8315 PASTILLE	Antiblocking- / Slip Agent	Glycerol ester	solid	56-62	0.1-0.5
LOXIOLO® EP 55	Antiblocking / Slip Agent	Glycerol ester	solid	58-61	0.5-1.0
LOXIOLO® 3380	Antistatic Agent	Mixture based on polyglycol ester	liquid	-	0.2-1.0
LOXIOLO® 80 X	Antistatic Agent	Mixture of anionic and non-ionic compounds	liquid	-	0.2-1.0
LOXIOLO® 93 P	Antistatic Agent	Anionic compound	solid	-	0.2-3.0

# PA

■ POLYAMIDE

Product	Function	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
LOXIOL® 8312	Lubricant	High-mono GMS	solid	67-71	0.1-0.3
LOXIOL® 8314	Lubricant	High-mono GMS	solid	67-71	0.1-0.3
LOXIOL® 8314 PASTILLE	Lubricant	High-mono GMS	solid	67-71	0.1-0.3
LOXIOL® 8315	Lubricant	Glycerol ester	solid	55-62	0.1-0.3
LOXIOL® 8315 PASTILLE	Lubricant	Glycerol ester	solid	55-62	0.1-0.3
LOXIOL® EP-PTS	Lubricant	Polyol ester	solid	50-55	0.3-0.5
LOXIOL® G 32	Lubricant	Wax ester	solid	52-56	0.3-0.5
LOXIOL® G 78	Lubricant	Combination lubricant	solid	100-115	0.3-0.5
LOXIOL® G 78 V	Lubricant	Combination lubricant	solid	100-115	0.3-0.5
EDENOL® 194 / 1	Release Agent	Fatty acid ester	liquid	-	0.2-0.5
LOXIOL® EP 339	Release Agent	Polyol ester / Ca-soap	solid	109-115	0.3-0.5
LOXIOL® EP-PTS	Release Agent	Polyol ester	solid	50-55	0.3-0.5
LOXIOL® G 32	Release Agent	Wax ester	solid	52-56	0.3-0.5
LOXIOL® P 1206	Release Agent	Glycerol ester	solid	53-56	0.2-0.5
LOXIOL® 3380	Antistatic Agent	Mixture based on polyglycol ester	liquid	-	0.2-1.0
LOXIOL® 80 X	Antistatic Agent	Mixture of anionic and non-ionic compounds	liquid	-	0.2-1.0
LOXIOL® 93 P	Antistatic Agent	Anionic compound	solid	-	0.2-1.0

# PC

■ POLYCARBONATE

Product	Function	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
LOXIOL® EP 8578	Lubricant	Polyol ester	solid	60-65	0.2-0.5
LOXIOL® G 31	Lubricant	Wax ester	solid	74-78	0.5-1.5
LOXIOL® G 32	Lubricant	Wax ester	solid	52-56	0.2-0.5
LOXIOL® P 861 / 3.5	Lubricant	Polyol ester	solid	60-63	0.2-0.5
LOXIOL® P 861 / 3.5 SPECIAL	Lubricant	Polyol ester	solid	60-63	1.0-1.5
LOXIOL® 3820	Release Agent	Wax ester	liquid	-	0.2-0.5
LOXIOL® EP 8578	Release Agent	Polyol ester	solid	60-65	0.2-0.5
LOXIOL® EP-PTS	Release Agent	Polyol ester	solid	50-55	0.2-0.5
LOXIOL® G 31	Release Agent	Wax ester	solid	74-78	0.5-1.5
LOXIOL® G 32	Release Agent	Wax ester	solid	52-56	0.2-0.5
LOXIOL® P 861 / 3.5	Release Agent	Polyol ester	solid	60-63	0.2-0.5
LOXIOL® P 861 / 3.5 SPECIAL	Release Agent	Polyol ester	solid	60-63	1.0-1.5

Product	Function	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
LOXIOLO® 8312	Lubricant	High-mono GMS	solid	67-71	0.3-1.0
LOXIOLO® 8314	Lubricant	High-mono GMS	solid	67-71	0.3-1.0
LOXIOLO® 8314 PASTILLE	Lubricant	High-mono GMS	solid	67-71	0.3-1.0
LOXIOLO® 8315	Lubricant	Glycerol ester	solid	55-62	0.3-1.0
LOXIOLO® 8315 PASTILLE	Lubricant	Glycerol ester	solid	55-62	0.3-1.0
LOXIOLO® EBS SPEZ P	Lubricant	Ethylene-bis-stearamide	solid	141-147	0.2-0.5
LOXIOLO® EP 3500	Lubricant	Ca-stearate	solid	150-170	0.2-0.5
LOXIOLO® E SPEZ P	Release Agent	Erucic acid amide	solid	78-84	0.2-0.5
LOXIOLO® EP 3500	Release Agent	Ca-stearate	solid	150-170	0.2-0.5
LOXIOLO® EP 55	Release Agent	Glycerol ester	solid	58-61	0.5-1.0
LOXIOLO® OA SPEZ P	Release Agent	Oleic acid amide	solid	70-76	0.2-0.5
LOXIOLO® 3366	Antistatic Agent	Polyol partial ester	liquid	-	0.2-1.0
LOXIOLO® 3380	Antistatic Agent	Mixture based on polyglycol ester	liquid	-	0.2-1.0
LOXIOLO® 80 X	Antistatic Agent	Mixture of anionic and non-ionic compounds	liquid	-	0.2-1.0
LOXIOLO® DP	Antistatic Agent	Fatty acid polyglycol ester	liquid	-	0.2-1.0
LOXIOLO® LS 3 DEO N	Antistatic Agent	Fatty alcohol polyglycol ether	liquid	-	0.5-2.0
LOXIOLO® VPA 1726	Antistatic Agent	Polyol partial ester	liquid	-	0.2-1.5
LOXIOLO® 1010	Antistatic Agent	Fatty acid amide	solid	38-42	PE-LD 0.2-0.5 PE-HD 0.5-1.0
LOXIOLO® 8312	Antistatic Agent	High-mono GMS	solid	67-71	0.4-1.5
LOXIOLO® 8314	Antistatic Agent	High-mono GMS	solid	67-71	0.4-1.5
LOXIOLO® 8314 PASTILLE	Antistatic Agent	High-mono GMS	solid	67-71	0.4-1.5
LOXIOLO® 8315	Antistatic Agent	Glycerol ester	solid	55-62	0.4-1.5
LOXIOLO® 8315 PASTILLE	Antistatic Agent	Glycerol ester	solid	55-62	0.4-1.5
LOXIOLO® EP 55	Antistatic Agent	Glycerol ester	solid	58-61	0.5-1.0
LOXIOLO® A 2	Antifogging Agent	Fatty acid ester compound	liquid	-	2.0-4.0
LOXIOLO® A 4	Antifogging Agent	Fatty acid ester compound	liquid	-	0.5-1.0
LOXIOLO® LS 3 DEO N	Antifogging Agent	Fatty alcohol polyglycol ether	liquid	-	0.5-2.0
LOXIOLO® E SPEZ P	Antiblocking / Slip Agent	Erucic acid amide	solid	78-84	0.2-0.5
LOXIOLO® EBS SPEZ P	Antiblocking / Slip Agent	Ethylene-bis-stearamide	solid	141-147	0.2-0.5
LOXIOLO® OA SPEZ P	Antiblocking / Slip Agent	Oleic acid amide	solid	70-76	0.2-0.5

# PET · PBT

## ■ POLYETHYLENETEREPHTHALATE | POLYBUTYLENETEREPHTHALATE

Product	Function	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
EDENOL® 194 / 1	Lubricant	Fatty acid ester	liquid	-	0.2-0.5
LOXIOL® G 40	Lubricant	Wax ester	liquid	-	0.2-0.5
LOXIOL® 3591	Lubricant, internal	Combination lubricant	solid	100-108	0.2-1.5
LOXIOL® 3591 PASTILLE	Lubricant, internal	Combination lubricant	solid	100-108	0.2-1.5
LOXIOL® P 728	Lubricant	Polyol partial ester	solid	49-52	0.2-0.5
LOXIOL® P 861 / 3.5	Lubricant	Polyol ester	solid	60-63	0.2-0.5
LOXIOL® P 861 / 3.5 SPECIAL	Lubricant	Polyol ester	solid	60-63	1.0-1.5
LOXIOL® EP 339	Release Agent	Polyol ester / Ca-soap	solid	109-115	0.3-0.5
LOXIOL® EP 8578	Release Agent	Polyol ester	solid	60-65	0.2-0.5
LOXIOL® EW-K 8391	Release Agent	Lubricant containing metallic soap	solid	95-105	0.2-0.5
LOXIOL® P 1206	Release Agent	Glycerol ester	solid	53-56	0.2-0.5
LOXIOL® P 861 / 3.5	Release Agent	Polyol ester	solid	60-63	0.2-0.5
LOXIOL® P 861 / 3.5 SPECIAL	Release Agent	Polyol ester	solid	60-63	1.0-1.5
LOXIOL® 80 X	Antistatic Agent	Mixture of anionic and non-ionic compounds	liquid	-	0.1-1.0
LOXIOL® VPA 1726	Antistatic Agent	Polyol partial ester	liquid	-	0.2-1.5
LOXIOL® 8312	Antistatic Agent	High-mono GMS	solid	67-71	0.2-0.5
LOXIOL® 8314	Antistatic Agent	High-mono GMS	solid	67-71	0.2-0.5
LOXIOL® 8314 PASTILLE	Antistatic Agent	High-mono GMS	solid	67-71	0.2-0.5
LOXIOL® 8315	Antistatic Agent	Glycerol ester	solid	55-62	0.2-0.5
LOXIOL® 8315 PASTILLE	Antistatic Agent	Glycerol ester	solid	55-62	0.2-0.5
LOXIOL® 3366	Antistatic Agent	Polyol partial ester	liquid	-	0.2-1.0
LOXIOL® P 728	Antiblocking / Slip Agent	Polyol partial ester	solid	49-52	0.2-0.5

## ■ PHENOLIC RESIN

Product	Function	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
LOXIOLO® PF 320	Lubricant, external	Special lubricant without metal soaps	solid	105-109	0.5-1.5
LOXIOLO® G 20	Release Agent	Fatty acid	solid	54-56	0.2-1.5
LOXIOLO® S SPEZ P	Release Agent	Stearic acid amide	solid	96-104	0.1-1.0
LOXIOLO® PF 320	Viscosity depressant	Special lubricant without metal soaps	solid	105-109	0.5-1.5

# PMMA

## ■ POLYMETHYLMETHACRYLATE

Product	Function	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
LOXIOLO® 8312	Lubricant	High-mono GMS	solid	67-71	0.1-0.3
LOXIOLO® 8314	Lubricant	High-mono GMS	solid	67-71	0.1-0.3
LOXIOLO® 8314 PASTILLE	Lubricant	High-mono GMS	solid	67-71	0.1-0.3
LOXIOLO® 8315	Lubricant	Glycerol ester	solid	55-62	0.1-0.3
LOXIOLO® 8315 PASTILLE	Lubricant	Glycerol ester	solid	55-62	0.1-0.3
LOXIOLO® G 20	Lubricant	Fatty acid	solid	54-56	0.1-0.5
LOXIOLO® G 53	Lubricant	Fatty alcohol	solid	49-54	0.2-0.3
LOXIOLO® P 1206	Lubricant	Glycerol ester	solid	53-56	0.2-0.5
EDENOL® BS	Release Agent	Fatty acid ester	liquid	-	0.2-0.3
LOXIOLO® G 20	Release Agent	Fatty acid	solid	54-56	0.1-0.5
LOXIOLO® P 1206	Release Agent	Glycerol ester	solid	53-56	0.2-0.5
LOXIOLO® P 861 / 3.5	Release Agent	Polyol ester	solid	60-63	0.1-0.3
LOXIOLO® P 861 / 3.5 SPECIAL	Release Agent	Polyol ester	solid	60-63	1.0-1.5
LOXIOLO® 3380	Antistatic Agent	Mixture based on polyglycol ester	liquid	-	0.2-1.0
LOXIOLO® 80 X	Antistatic Agent (clouding possible)	Mixture of anionic and non-ionic compounds	liquid	-	0.2-1.0

Product	Function	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
LOXIOL® 8312	Lubricant	High-mono GMS	solid	67-71	0.2-0.5
LOXIOL® 8314	Lubricant	High-mono GMS	solid	67-71	0.2-0.5
LOXIOL® 8314 PASTILLE	Lubricant	High-mono GMS	solid	67-71	0.2-0.5
LOXIOL® 8315	Lubricant	Glycerol ester	solid	55-62	0.2-0.5
LOXIOL® 8315 PASTILLE	Lubricant	Glycerol ester	solid	55-62	0.2-0.5
LOXIOL® EP 218	Lubricant	Glycerol ester	solid	57-62	0.5-1.5
LOXIOL® G 20	Lubricant	Fatty acid	solid	54-56	0.1-0.5
LOXIOL® P 1206	Lubricant	Glycerol ester	solid	53-56	0.2-0.5
LOXIOL® P 728	Lubricant	Polyol partial ester	solid	49-52	0.2-0.5
LOXIOL® G 20	Release Agent	Fatty acid	solid	54-56	0.1-0.5
LOXIOL® G 70 S	Release Agent	High molecular weight poly ester	solid	55-58	0.3-0.5
LOXIOL® P 1206	Release Agent	Glycerol ester	solid	53-56	0.2-0.5
LOXIOL® P 728	Release Agent	Polyol partial ester	solid	49-52	0.2-0.5
LOXIOL® 3380	Antistatic Agent	Mixture based on polyglycol ester	liquid	-	0.1-0.5
LOXIOL® 80 X	Antistatic Agent	Mixture of anionic and non-ionic compounds	liquid	-	0.1-0.5
LOXIOL® 8312	Antistatic Agent	High-mono GMS	solid	67-71	0.2-0.5
LOXIOL® 8314	Antistatic Agent	High-mono GMS	solid	67-71	0.2-0.5
LOXIOL® 8314 PASTILLE	Antistatic Agent	High-mono GMS	solid	67-71	0.2-0.5
LOXIOL® 8315	Antistatic Agent	Glycerol ester	solid	55-62	0.2-0.5
LOXIOL® 8315 PASTILLE	Antistatic Agent	Glycerol ester	solid	55-62	0.2-0.5
LOXIOL® EBS SPEZ P	Antiblocking / Slip Agent	Ethylene-bis-stearamide	solid	141-147	0.2-0.5

Product	Function	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
LOXIOLO® 8312	Lubricant	High-mono GMS	solid	67-71	0.3-1.0
LOXIOLO® 8314	Lubricant	High-mono GMS	solid	67-71	0.3-1.0
LOXIOLO® 8314 PASTILLE	Lubricant	High-mono GMS	solid	67-71	0.3-1.0
LOXIOLO® 8315	Lubricant	Glycerol ester	solid	55-62	0.3-1.0
LOXIOLO® 8315 PASTILLE	Lubricant	Glycerol ester	solid	55-62	0.3-1.0
LOXIOLO® EBS SPEZ P	Lubricant	Ethylene-bis-stearamide	solid	141-147	0.2-0.5
LOXIOLO® EP 3500	Lubricant	Ca-stearate	solid	150-170	0.2-0.5
LOXIOLO® G 32	Lubricant	Wax ester	solid	52-56	0.5-1.0
LOXIOLO® G 34 R	Lubricant	Ester wax	solid	53-58	0.5-1.0
LOXIOLO® 8312	Release Agent	High-mono GMS	solid	67-71	0.3-1.0
LOXIOLO® 8314	Release Agent	High-mono GMS	solid	67-71	0.3-1.0
LOXIOLO® 8314 PASTILLE	Release Agent	High-mono GMS	solid	67-71	0.3-1.0
LOXIOLO® 8315	Release Agent	Glycerol ester	solid	55-62	0.3-1.0
LOXIOLO® 8315 PASTILLE	Release Agent	Glycerol ester	solid	55-62	0.3-1.0
LOXIOLO® EP 3500	Release Agent	Ca-stearate	solid	150-170	0.2-0.5
LOXIOLO® EP 55	Release Agent	Glycerol ester	solid	58-61	0.5-1.0
LOXIOLO® EW-K 8391	Release Agent	Lubricant containing metallic soap	solid	95-105	0.2-0.5
LOXIOLO® G 34 R	Release Agent	Ester wax	solid	53-58	0.5-1.0
LOXIOLO® G 31	Release Agent	Wax ester	solid	74-78	0.5-1.0
LOXIOLO® G 32	Release Agent	Wax ester	solid	52-56	0.5-1.0
LOXIOLO® 3366	Antistatic Agent	Polyol partial ester	liquid	-	0.2-1.0
LOXIOLO® 3380	Antistatic Agent	Mixture based on polyglycol ester	liquid	-	0.2-1.0
LOXIOLO® 80 X	Antistatic Agent	Mixture of anionic and non-ionic compounds	liquid	-	0.2-1.0
LOXIOLO® VPA 1726	Antistatic Agent	Polyol partial ester	liquid	-	0.2-1.5
LOXIOLO® 1010	Antistatic Agent	Fatty acid amide	solid	38-42	0.2-0.5
LOXIOLO® E SPEZ P	Antiblocking / Slip Agent	Erucic acid amide	solid	78-84	0.2-0.5
LOXIOLO® EBS SPEZ P	Antiblocking / Slip Agent	Ethylene-bis-stearamide	solid	141-147	0.2-0.5
LOXIOLO® OA SPEZ P	Antiblocking / Slip Agent	Oleic acid amide	solid	70-76	0.2-0.5



# PS

■ POLYSTYRENE

Product	Function	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
EDENOL® 194 / 1	Release Agent	Fatty acid ester	liquid	-	0.2-0.3
EDENOL® BS	Release Agent	Fatty acid ester	liquid	-	0.2-0.3
LOXIOL® EP 55	Release Agent	Glycerol ester	solid	58-61	0.5-1.0
LOXIOL® G 53	Release Agent	Fatty alcohol	solid	49-54	0.2-0.3
LOXIOL® VPA 1726	Antistatic Agent	Polyol partial ester	liquid	-	0.2-1.5
LOXIOL® 8312	Antistatic Agent	High-mono GMS	solid	67-71	0.4-1.5
LOXIOL® 8314	Lubricant	High-mono GMS	solid	67-71	0.4-1.5
LOXIOL® 8314 PASTILLE	Lubricant	High-mono GMS	solid	67-71	0.4-1.5
LOXIOL® 8315	Lubricant	Glycerol ester	solid	55-62	0.4-1.5
LOXIOL® 8315 PASTILLE	Lubricant	Glycerol ester	solid	55-62	0.4-1.5
LOXIOL® 80 X	Antistatic Agent (cloudy effect possible)	Mixture of anionic and non-ionic compounds	liquid	-	0.1-0.5
LOXIOL® 2005	Antifogging Agent	Polyol partial ester	solid	51-59	0.5-3.0

# PU

■ POLYURETHANE

Product	Function	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
LOXIOL® G 71 S	Release Agent, good printing properties	High molecular weight poly ester	liquid	<-20*	0.6-1.0
LOXIOL® EBS SPEZ P	Release Agent, can influence printing properties	Ethylene-bis-stearamide	solid	141-147	0.5-1.0
LOXIOL® EP 55	Release Agent	Glycerol ester	solid	58-61	0.5-1.0
LOXIOL® EP-PTS	Release Agent	Polyol ester	solid	50-55	1.0-1.5
LOXIOL® G 15 PULVER	Release Agent	Fatty acid ester of polyol	solid	83-87	0.5-2.5
LOXIOL® G 70 S	Release Agent, good printing properties	High molecular weight poly ester	solid	55-58	0.6-1.0
LOXIOL® P 728	Release Agent	Polyol partial ester	solid	49-52	0.5-1.0
LOXIOL® 3380	Antistatic Agent	Mixture based on polyglycol ester	liquid	-	0.5-5.0
LOXIOL® 80 X	Antistatic Agent	Mixture of anionic and non-ionic compounds	liquid	-	0.5-5.0

\* = pour point

Product	Function	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
EDENOL® BS	Lubricant	Fatty acid ester	liquid	-	0.1-0.3
LOXIOLO® G 40	Lubricant	Wax ester	liquid	-	-
LOXIOLO® 8312	Lubricant	High-mono GMS	solid	67-71	-
LOXIOLO® 8314	Lubricant	High-mono GMS	solid	67-71	-
LOXIOLO® 8314 PASTILLE	Lubricant	High-mono GMS	solid	67-71	-
LOXIOLO® 8315	Lubricant	Glycerol ester	solid	55-62	-
LOXIOLO® 8315 PASTILLE	Lubricant	Glycerol ester	solid	55-62	-
LOXIOLO® EBS SPEZ P	Lubricant	Ethylene-bis-stearamide	solid	141-147	-
LOXIOLO® G 53	Lubricant	Fatty alcohol	solid	49-54	-
EDENOL® 194 / 1	Release Agent	Fatty acid ester	liquid	-	-
EDENOL® BS	Release Agent	Fatty acid ester	liquid	-	-
LOXIOLO® G 40	Release Agent	Wax ester	liquid	-	-
LOXIOLO® 8312	Release Agent	High-mono GMS	solid	67-71	-
LOXIOLO® G 53	Release Agent	Fatty alcohol	solid	49-54	-
LOXIOLO® 3380	Antistatic Agent	Mixture based on polyglycol ester	liquid	-	-
LOXIOLO® 80 X	Antistatic Agent (clouding possible)	Mixture of anionic and non-ionic compounds	liquid	-	-
LOXIOLO® VPA 1726	Antistatic Agent	Polyol partial ester	liquid	-	-

Product	Function	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
LOXIOL® 8312	Lubricant	High-mono GMS	solid	67-71	0.1-0.3
LOXIOL® 8314	Lubricant	High-mono GMS	solid	67-71	-
LOXIOL® 8314 PASTILLE	Lubricant	High-mono GMS	solid	67-71	-
LOXIOL® 8315	Lubricant	Glycerol ester	solid	55-62	-
LOXIOL® 8315 PASTILLE	Lubricant	Glycerol ester	solid	55-62	-
LOXIOL® EBS SPEZ P	Lubricant	Ethylene-bis-stearamide	solid	141-147	-
LOXIOL® EP 339	Lubricant	Polyol ester / Ca-soap	solid	109-115	-
LOXIOL® G 20	Lubricant	Fatty acid	solid	54-56	-
LOXIOL® EP 3500	Release Agent	Ca-stearate	solid	150-170	-
LOXIOL® G 20	Release Agent	Fatty acid	solid	54-56	-
LOXIOL® G 31	Release Agent	Wax ester	solid	74-78	0.5-1.0
LOXIOL® G 32	Release Agent	Wax ester	solid	52-56	-
LOXIOL® 3366	Antistatic Agent	Polyol partial ester	liquid	-	-
LOXIOL® 3380	Antistatic Agent	Mixture based on polyglycol ester	liquid	-	-
LOXIOL® 80 X	Antistatic Agent	Mixture of anionic and non-ionic compounds	liquid	-	-
LOXIOL® 93 P	Antistatic Agent	Anionic compound	solid	-	-
LOXIOL® E SPEZ P	Antiblocking / Slip Agent	Erucic acid amide	solid	78-84	-
LOXIOL® OA SPEZ P	Antiblocking / Slip Agent	Oleic acid amide	solid	70-76	-

Product	Function	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
LOXIOLO® EBS SPEZ P	Lubricant	Ethylene-bis-stearamide	solid	141-147	0.2-1.0
LOXIOLO® EP 3500	Lubricant	Ca-stearate	solid	150-170	0.2-1.0
LOXIOLO® P 1732	Lubricant	Combination lubricant	solid	100-115	0.3-1.2
LOXIOLO® P 728	Lubricant	Polyol partial ester	solid	49-52	0.2-0.5
LOXIOLO® E SPEZ P	Release Agent	Erucic acid amide	solid	78-84	0.2-1.0
LOXIOLO® EP 3500	Release Agent	Ca-stearate	solid	150-170	0.2-1.0
LOXIOLO® G 20	Release Agent	Fatty acid	solid	54-56	1.0-2.0
LOXIOLO® OA SPEZ P	Release Agent	Oleic acid amide	solid	70-76	0.2-1.0
LOXIOLO® P 1732	Release Agent	Combination lubricant	solid	100-115	0.3-1.2
LOXIOLO® P 728	Release Agent	Polyol partial ester	solid	49-52	0.2-0.5
EDENOL® T810T STAB	Plasticizer, high temperature	Trimellitate ester	liquid	-	-
EDENOL® TOTM	Plasticizer, high temperature	Trimellitate ester	liquid	-	-
EDENOL® 102	Plasticizer, low temperature	Fatty acid polyglycol ester	liquid	-	-
EDENOL® 111	Plasticizer, low temperature	Adipate ester	liquid	-	-
EDENOL® 123	Plasticizer, low temperature	Butyl carbitol formal	liquid	-	-
EDENOL® 181	Plasticizer, low temperature	High molecular weight adipate ester	liquid	-	-
EDENOL® 888	Plasticizer, low temperature	Sebacate ester	liquid	-	-
EDENOL® DOZ	Plasticizer, low temperature	Azelaic ester	liquid	-	max. 45
EDENOL® 9058	Plasticizer, low temperature	Azelaic ester	liquid	-	max. 45
EDENOL® DBS	Plasticizer, low temperature	Sebacate ester	liquid	-	-
EDENOL® DIDA	Plasticizer, low temperature	Adipate ester	liquid	-	-
EDENOL® 196	Plasticizer, high temperature	Diester	liquid	-	30-80
EDENOL® 1200	Plasticizer, oil & solvent resistant, medium viscous	Polymeric plasticizer based on adipic acid	liquid	-	-
EDENOL® 1208	Plasticizer	Polymeric plasticizer	liquid	-	-
EDENOL® 1215	Plasticizer, oil & solvent resistant, low viscous	Polymeric plasticizer based on adipic acid	liquid	-	-
EDENOL® 1233 SPEZIAL	Plasticizer	Polymeric plasticizer	liquid	-	-
EDENOL® 1234	Plasticizer, oil & solvent resistant, high viscous	Polymeric plasticizer based on adipic acid	liquid	-	-
LOXIOLO® 3366	Antistatic Agent	Polyol partial ester	liquid	-	0.5-10.0
LOXIOLO® 3380	Antistatic Agent	Mixture based on polyglycol ester	liquid	-	0.2-5.0
LOXIOLO® E SPEZ P	Antiblocking / Slip Agent	Erucic acid amide	solid	78-84	0.2-1.0
LOXIOLO® EBS SPEZ P	Antiblocking / Slip Agent	Ethylene-bis-stearamide	solid	141-147	0.2-1.0
LOXIOLO® OA SPEZ P	Antiblocking / Slip Agent	Oleic acid amide	solid	70-76	0.2-1.0



# EDENOL® & LOXIOL®

LOXIOL® and EDENOL® are the plastics additives brand names of Emery Oleochemicals. Our products are based on natural resources for the processing of plastics materials. The main product groups and functions we offer are:

**Lubricants** – Optimise the processing characteristics of plastics materials. Our lubricants improve the rheology of the polymer melt by reducing friction and resistance to flow within the melt. >>> Positive influence on the mechanical properties, machinery output and surface finish of the final product.

**Release Agents** – Aid in the separation of a component from its mould. >>> Positive effect on cycle time and surface finish.

**Special Plasticizers** – Improve processability and performance of plastics and synthetic rubbers. >>> Positive influence on flexibility and durability of the final article.



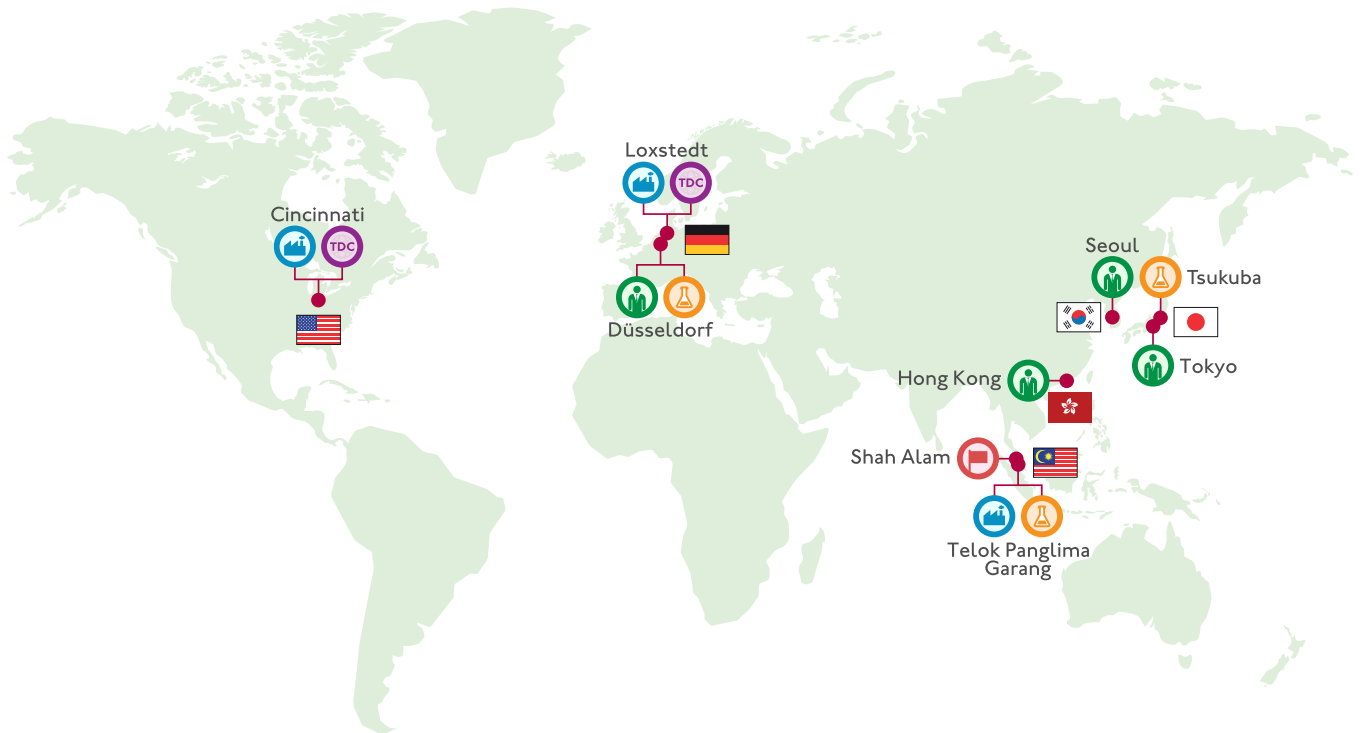
**Viscosity Regulators** – Improve the flow of PVC paste formulations. >>> Positive influence on processing temperature and processability.

**Antistatic Agents** – Eliminate the build-up of a static charge in the finished article. >>> Positive effects including avoidance of dust pick-up, handling problems as well as the risks associated with static discharges.

**Antifogging Agents** – Prevent the formation of water droplets on plastics film surfaces. >>> Positive effect on visibility, quality and attractiveness of packed products and avoidance of damage to plants in growing tunnels.

**Antiblocking/Slip Agents** – Reduce the friction between the polymer to polymer surface or processing equipment. >>> Positive effect on production handling by preventing adhesion.

# CREATING VALUE FOR OUR CUSTOMERS, ANYWHERE IN THE WORLD.



HEADQUARTERS



PRODUCTION,  
SALES & MARKETING



SALES &  
MARKETING



TECHNICAL  
DEVELOPMENT  
CENTRE



PRODUCT &  
APPLICATION  
DEVELOPMENT

## Emery Oleochemicals GmbH

Paul-Thomas-Strasse 56, 40599 Düsseldorf, Germany  
T | +49 211 5611 2000 F | +49 211 5611 2600  
E | [gp.europe@emeryoleo.com](mailto:gp.europe@emeryoleo.com)

## Emery Oleochemicals LLC

4900 Este Avenue, 45232 Cincinnati, OH, USA  
T | +1 513 762 2500 F | +1 513 246 3340  
E | [gp.americas@emeryoleo.com](mailto:gp.americas@emeryoleo.com)

## Emery Oleochemicals (M) Sdn Bhd

Lot 4, Jalan Perak, Kawasan Perusahaan,  
42500 Telok Panglima Garang, Selangor, Malaysia  
T | +603 3326 8686 F | +603 3326 8787  
E | [gp.asia@emeryoleo.com](mailto:gp.asia@emeryoleo.com)

Disclaimer: The content in this document is provided on an "as is" and "as available" basis purely for informational purposes and does not constitute any warranty, whether express, implied or statutory, including but not limited to warranties or guarantees of merchantability, fitness or suitability for a particular purpose nor any representations of a binding nature. EMERY OLEOCHEMICALS EXPRESSLY DISCLAIMS ANY RESPONSIBILITY FOR THE SUITABILITY OF THE PRODUCTS FOR ANY SPECIFIC OR PARTICULAR PURPOSES INTENDED BY THE USER. Suggestions for the use and application of the products and guide formulations are solely for informational purposes only and you are advised to carry out any necessary steps to test the suitability of the products for your intended processes and purposes. You are solely responsible for compliance with all applicable laws and regulations in use of the products including any third party intellectual property rights and shall continue to bear all liability or risk arising from use of the products. All indications marked with a TM or ® symbol are trademarks belonging to legal entities within the Emery Oleochemicals group of companies.



CREATING VALUE | [www.emeryleo.com](http://www.emeryleo.com)