



Product data Summary

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Product data summary

This brochure contains a summary of our product range. More detailed information and specifications of each product are available on www.perstorp.com or through your Perstorp representative.

Aldehydes

	Appearance	Reactive groups (Aldehyde functionality)	Molecular weight (g/mol)	Purity (%) min.
n-Butyraldehyde	Liquid	1	72.1	99.0
Propionaldehyde	Liquid	1	58.1	99.0
Formalin (conc. 30-50%)	Liquid	1	30.0	
Isobutyraldehyde	Liquid	1	72.1	99.0

Acids

	Appearance	Reactive groups	Molecular weight (g/mol)	Purity (%) min.	Concentration (%)
Formic Acid	Liquid	1 carboxyl	46.0		75 or 85
Propionic Acid	Liquid	1 carboxyl	74.1	99.5	
Butyric Acid	Liquid	1 carboxyl	88.1	99.5	
Valeric Acid	Liquid	1 carboxyl	102.1	98.5	
Valeric Acid Pure	Liquid	1 carboxyl	102.1	99.4	
2-Ethylhexanoic Acid (2-EHA)	Liquid	1 carboxyl	144.2	99.5	
Phthalic Anhydride	Flakes/Molten	1 anhydride	148.1	99.8	

Acids from renewable sources

	Fossil Equivalent	Renewable Content
Valeric Acid Pro	Valeric Acid	20%
2-EHA Pro	2-Ethylhexanoic Acid	25%

Oxo side streams

	Appearance	Application area	Description
Polyol H8	Light yellow liquid	Mining	2-EH Heavy ends

Alcohols

	Appearance	Reactive groups (Hydroxyl functionality)	Molecular weight (g/mol)	Purity (%) min.	Hydroxyl number (mg KOH/g)	Viscosity (mPas, 20 °C)
2-Ethylhexanol (2-EH)	Liquid	1	130.2	99.6	431	9.7
2-Propylheptanol (2-PH)	Liquid	1	158.3	99.5 ¹⁾	354	15.3
Cyclic Trimethylolpropane Formal (CTF)	Liquid	1	146.2		390	80

¹⁾ Purity as C10 alcohols

Polyalcohols

	Appearance	Reactive groups (Hydroxyl functionality)	Molecular weight (g/mol)	Hydroxyl number (mg KOH/g)	Melting point (°C)
Neopentyl Glycol (Neo)	Flakes/Molten	2	104.2	1,075	129
Neopentyl Glycol 90 (Neo 90)	Liquid (90% in water)	2	104.2	1,075	35
Pentaspiglycol (PSG)	White powder (very dusty)	2	304.4	369	195
Trimethylolpropane (TMP)	Flakes/Molten	3	134.2	1,254	58
Di-Trimethylolpropane (Di-TMP)	Flakes	4	250.3	896	106-115
Pentaerythritol mono (Penta)	Crystals	4	136.4	1,645	260
Penta EXCETEQ™	Crystals	4	142.5	1,615	250
Pentaerythritol nitration	Crystals	4	136.4	1,645	260
Pentaerythritol ICX	Crystals	4	136.6	1,645	260
Di-Pentaerythritol 93 (Di-Penta 93)	Crystals	6	254.1	1,325	222
Di-Pentaerythritol 90 (Di-Penta 90)	Crystals	6	255.0	1,320	222

Polyalcohols from renewable sources

Pro-Environmental Product	Fossil Equivalent	Renewable Content
Charmor™ Pro DP40 C40	Charmor™ DP40	40%
Charmor™ Pro PM40 C40	Charmor™ PM40	40%
Charmor™ Pro PT40 C40	Charmor™ PT40	40%
Curalite™ Pro Ox C20	Curalite™ Ox	20%
Curalite™ Pro Ox C50	Curalite™ Ox	50%
Evyron™ CT15	Cyclic trimethylolpropane formal	15%
Evyron™ CT60	Cyclic trimethylolpropane formal	60%
Evyron™ DT20	Di-Trimethylolpropane	20%
Evyron™ DT50	Di-Trimethylolpropane	50%
Evyron™ T20 flakes	Trimethylolpropane flakes	20%
Evyron™ T20 molten	Trimethylolpropane molten	20%
Evyron™ T50 flakes	Trimethylolpropane flakes	50%
Evyron™ T50 molten	Trimethylolpropane molten	50%
Evyron™ TD15	Polyol TD	15%
Evyron™ TD50	Polyol TD	50%
Holtac™ Pro DP H40	Holtac™ D	40%
Holtac™ Pro M H40	Holtac™ M	40%

Pro-Environmental Product	Fossil Equivalent	Renewable Content
Holtac™ Pro T H40	Holtac™ T	40%
Neeture™ 90 N20	Neopentyl glycol 90	20%
Neeture™ 90 N40	Neopentyl glycol 90	40%
Neeture™ N20 flakes	Neopentyl glycol flakes	20%
Neeture™ N20 molten	Neopentyl glycol molten	20%
Neeture™ N40 flakes	Neopentyl glycol flakes	40%
Neeture™ N40 molten	Neopentyl glycol molten	40%
Voxtar™ 70 PX30	Polyol PX70	30%
Voxtar™ D100	Di-pentaerythritol 90	100%
Voxtar™ D40	Di-pentaerythritol 90	40%
Voxtar™ D40-93	Di-pentaerythritol 93	40%
Voxtar™ E100	Penta Excetecq™	100%
Voxtar™ E40	Penta Excetecq™	40%
Voxtar™ M100	Pentaerythritol mono	100%
Voxtar™ M40	Pentaerythritol mono	40%
Voxtar™ PX30	Polyol PX	30%



Hydroxy acid

	Appearance	Reactive groups	Molecular weight (g/mol)	Hydroxyl number (mg KOH/g)	Acid number (mg KOH/g)
Bis-MPA™ (Dimethylolpropionic Acid)	Crystals	2 hydroxyl, 1 carboxyl	134.1	835	415

Nonionic diol

	Appearance	Reactive groups (Hydroxyl functionality)	Molecular weight (g/mol)	Hydroxyl number (mg KOH/g)	Viscosity
Ymer™ N120	Amorphous	2	1,000	110	(mPas, 50 °C) 60
Ymer™ N180	Amorpous	2	600	180	(mPas, 25 °C) 189
Ymer™ N90	Amorpous	2	1,200	90	(mPas, 50 °C) 66

Alkoxyated polyalcohols

	Appearance	Reactive groups (Hydroxyl functionality)	Molecular weight (g/mol)	Hydroxyl number (mg KOH/g)	Viscosity (mPas, 23 °C)
Polyol R2490	Liquid	2	220	485	150
Polyol 3165	Liquid	3	1,010	165	350
Polyol 3380	Liquid	3	444	380	360
Polyol 3610	Liquid	3	275	610	700
Polyol 3611	Liquid	3	275	610	700
Polyol 3990	Liquid	3	170	990	4,500
Polyol R3430	Liquid	3	398	425	400
Polyol R3530	Liquid	3	310	530	2,000
Polyol R3540	Liquid	3	310	540	550
Polyol R3600	Liquid	3	280	610	700
Polyol 4290	Liquid	4	800	290	450
Polyol 4360	Liquid	4	630	360	1,300
Polyol 4525	Liquid	4	430	525	3,000
Polyol 4640	Liquid	4	360	630	1,100
Polyol R4410	Liquid	4	565	410	700
Polyol R4630	Liquid	4	356	630	1,500
Polyol R4631	Liquid	4	356	630	1,400
Polyol R6405	Liquid	6	830	405	1,800

Oxetanes

	Appearance	Reactive groups (Hydroxyl functionality)	Molecular weight (g/mol)	Hydroxyl number (mg KOH/g)	Viscosity (mPas, 23 °C)
Curalite™ Ox	Liquid	1 hydroxyl, 1 oxetane	115.7	485	27
Curalite™ OxPlus	Liquid	2 oxetane	214.3	-	160

Mixed products

	Appearance	Reactive group	Molecular weight (g/mol)	Hydroxyl number (mg KOH/g)	Viscosity (mPas, °C)
Polyol PX	Semi-crystalline	2.7 hydroxyl	187	810	650 (50)
Polyol PX 70	Liquid (70% in water)	2.7 hydroxyl	187	810	25 (23)
Polyol TD	Liquid	1.8 hydroxyl	126	800	150 (23)

Allyl ethers

	Appearance	Reactive groups	Molecular weight (g/mol)	Hydroxyl number (mg KOH/g)	Viscosity (mPas, 23 °C)
Allyl Pentaerythritol (APE)	Liquid	1 hydroxyl, 3 allyl	255.5	240	20
Trimethylolpropane Diallyl Ether 80 (TMPDE 80)	Liquid	1 hydroxyl, 2 allyl	210.7	300	15
Trimethylolpropane Diallyl Ether 90 (TMPDE 90)	Liquid	1 hydroxyl, 2 allyl	213.9	265	20
Trimethylolpropane Monoallyl Ether (TMPME)	Liquid	2 hydroxyl, 1 allyl	174.2	640	130

Deicers

	Appearance	Description
Pergrip™ Run KF	Liquid	AMS 1435 certified Potassium Formate runway deicer
Pergrip™ Run NF	Granulate	AMS 1431 certified Sodium Formate runway deicer
Pergrip™ Lane KF	Liquid	Potassium Formate deicer
Pergrip™ Lane NF	Granulate	Sodium Formate deicer

Speciality polymers

	Appearance	Reactive group	Molecular weight (g/mol)	Hydroxyl number (mg KOH/g)	Viscosity (Pas, °C)
Dendritic Polymers					
Boltorn™ H311	Viscous liquid	Hydroxyl groups	5,700	245	40 (23)
Boltorn™ H2004	Viscous liquid	6 hydroxyl	3,200	120	15 (23)
Boltorn™ P500	Viscous liquid	Hydroxyl groups	N/A	600	15 (23)
Boltorn™ P1000	Viscous liquid	Hydroxyl groups	N/A	470	5 (23)
Boltorn™ U3000	Liquid	Unsaturated fatty acid	6,500	15	1 (23)
Boltorn™ W3000	Semi-crystalline	Non ionic, unsaturated fatty acid	9,000	15	2 (35)
Polycarbonate diol					
Oxymer™ M112	Viscous liquid	2 hydroxyl	1,000	112	20 (40)

Carbon source for intumescent systems

	Appearance	Water solubility (%)	Melting point (°C)	Hydroxyl number (mg KOH/g)
Charmor™ PM40	Micronized powder < 40 µm	5.3	260	1,645
Charmor™ PT40	Micronized powder < 40 µm	4.7	250	1,615
Charmor™ DP40	Micronized powder < 40 µm	0.2	222	1,325
Charmor™ PM15	Micronized powder < 15 µm	5.3	260	1,645
Charmor™ DP15	Micronized powder < 15 µm	0.2	222	1,325

PVC co-stabilizers

	Appearance	Product type	Melting point (°C)
Holtac™ DT	Micronized powder < 250 µm	Polyalcohols	106-115
Holtac™ M	Micronized powder < 40 µm	Polyalcohols	260
Holtac™ T	Micronized powder < 40 µm	Polyalcohols	250
Holtac™ D	Micronized powder < 40 µm	Polyalcohols	222

Plasticizers

	Appearance	Molecular weight (g/mol)	Ester content (%) min.	Viscosity (mPas, °C)
Emoltene™ 100	Liquid	447	99.5	120-130 (20)
Emoltene™ 100 IRG	Liquid	447	99.0	120-130 (20)
Emoltene™ 100 TOP	Liquid	447	99.0	120-130 (20)
Pevalen™ (Pentaerythritoltetrate)	Liquid	472	>99.5	35 (20)

Plasticizers from renewable sources

Pro-Environmental Product	Fossil Equivalent	Renewable Content
Pevalen™ Pro 8	Pevalen™	8%
Pevalen™ Pro 24	Pevalen™	24%
Pevalen™ Pro 36	Pevalen™	36%

Safety glass plasticizers

	Appearance	Molecular weight (g/mol)	3G8 content	Acid Value (mg KOH/g)
Emoltene™ 3GO	Liquid	403	Min. 97%	Max. 0.1

Organic & inorganic salts

	Appearance	Molecular weight (g/mol)	Purity (%) min.	Solubility in water, 20 °C	Concentration (%)
Calcium Formate tech	Crystals	130.1	98	Soluble	
Sodium Formate	Crystals	68.0	97	Soluble	
Sodium Formate S Grade	Crystals	68.0	99	Soluble	
Sodium Formate Feed Grade	Crystals	68.0	99	Soluble	
Sodium Sulphate	Crystals	142.0	99	Soluble	
Potassium Formate in water	Liquid	84.1		Soluble	75



One molecule can
change everything

Feed grade acids

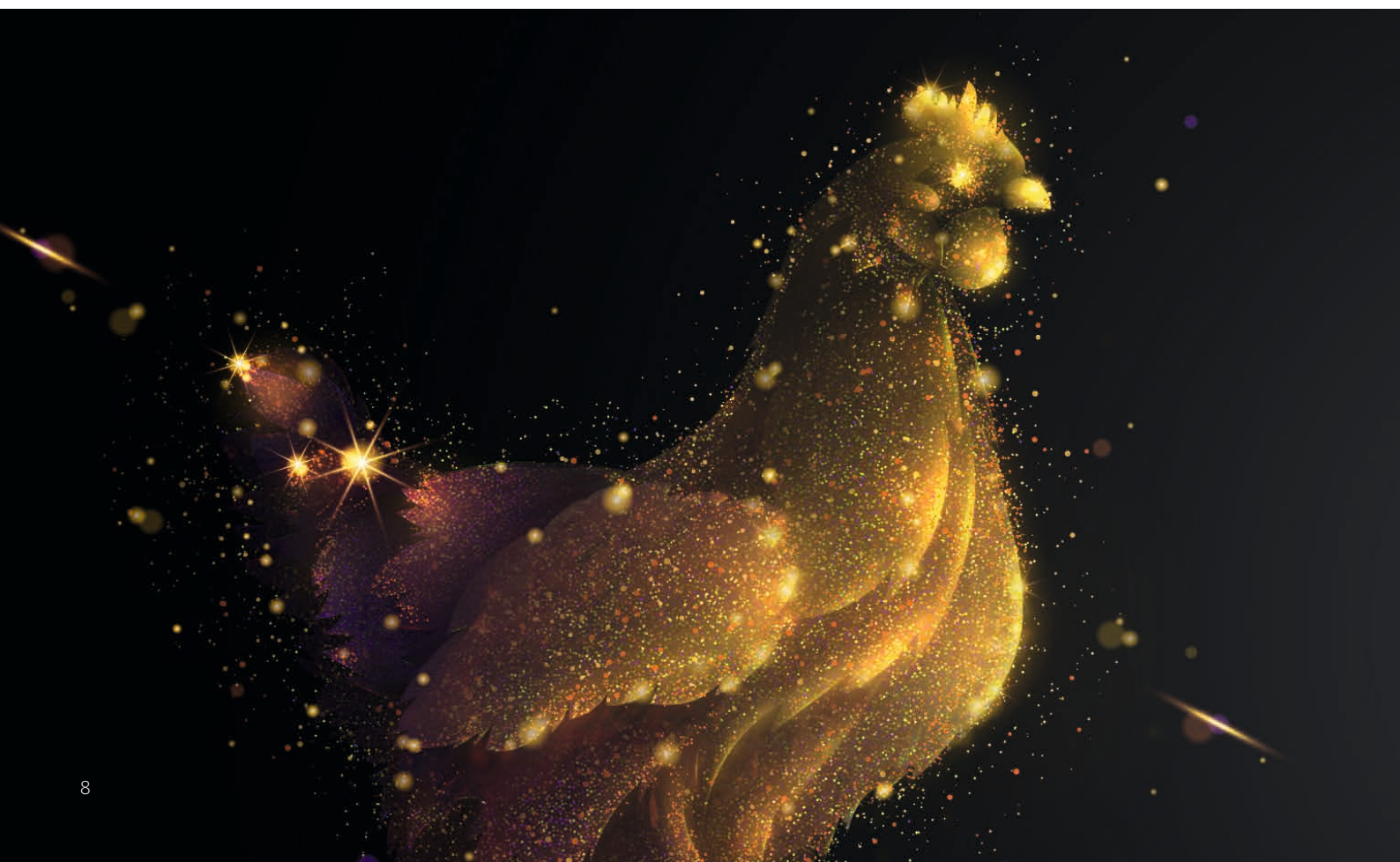
	Appearance	Application area	Active ingredients
Butyric acid	Liquid	Feed additive raw material	Butyric acid
Formic Acid 75/85%	Liquid	Silage and preservation	Formic acid
Propionic Acid	Liquid	Mold inhibition, acidifier	Propionic acid

Feed additives

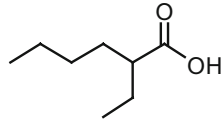
Product	Appearance	Description
ProMyr™ TMR Flexible	Liquid	Liquid preservative for TMR (Total Mixed Rations) feed on livestock farms
ProMyr™ TMR Solid	Powder	Dry preservative for TMR (Total Mixed Rations)
ProPhorce™ AC 200	Powder	99% Calcium Formate; Acidifier and Calcium source
ProPhorce™ AC 299	Powder	Acidifier, deB enhancer
ProPhorce™ AC 600	Liquid	Buffered non-ADR acidifier for feed based on formic acid
ProPhorce™ Classic NC	Liquid	Acidifier for water application
ProPhorce™ Premium NC	Liquid	Acidifier with enhanced bacterial control for water application
ProPhorce™ Exclusive	Liquid	Acidifier with enhanced bacterial control and added gut health promotor for water application
ProPhorce™ SA Cleaning	Liquid	Feed hygiene solution that reduces pathogen load
ProPhorce™ SA Exclusive	Liquid	Advanced feed hygiene solution that reduces presence of pathogenic bacteria in feedstuffs
ProPhorce™ SR 130	Powder	Unrivaled butyric acid power that can improve performance
ProPhorce™ SR 730	Liquid	Unrivaled butyric acid power that can improve performance
ProSid™ MI 201	Powder	Dry mold inhibitor
ProSid™ MI 208	Powder	99% Calcium Propionate; Mold inhibitor
ProSid™ MI 531	Liquid	Liquid mold inhibitor
ProSid™ MI 700	Liquid	Non-ADR liquid mold inhibitor with longer lasting effect
ProSid™ Pellet Pro	Liquid	Feed preservative designed to optimize feed milling efficiency
ProSid™ TB 207	Powder	Additive that helps mitigate against mycotoxins in grains and feeds
ProTain™ OT	Powder	Range of antioxidant products to prolong shelf life in feeds and raw materials.

Food additives

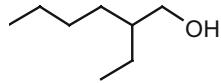
	Appearance	Application area	Active ingredients
Profina™ CP	Powder	Food preservative	Calcium propionate



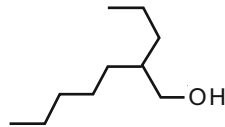
2-Ethylhexanoic Acid



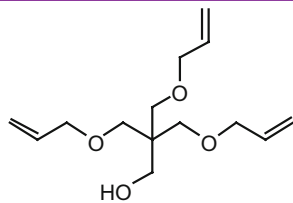
2-Ethylhexanol



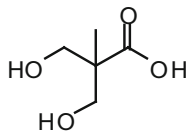
2-Propylheptanol



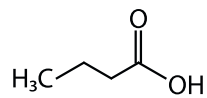
Allyl Pentaerythritol



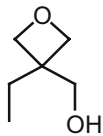
Bis-MPA™



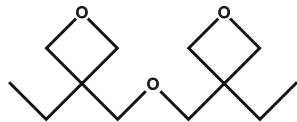
Butyric Acid



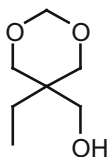
Curalite™ Ox



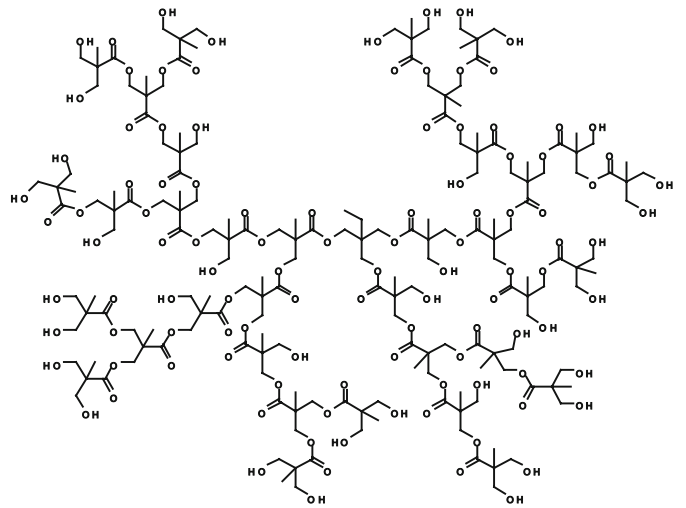
Curalite™ OxPlus



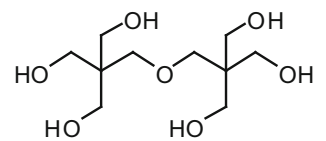
Cyclic Trimethylolpropane Formal



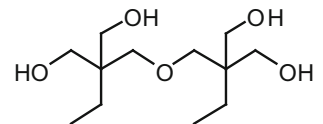
Dendritic polymer



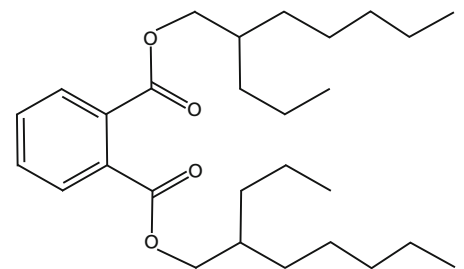
Di-Pentaerythritol



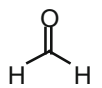
Di-Trimethylolpropane



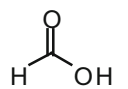
Emoltene™



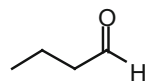
Formaldehyde



Formic Acid



n-Butylaldehyde



One molecule can change everything

Perstorp believes in improving everyday life – making it safer, more convenient and more environmentally sound for billions of people all over the world. As a world leading specialty chemicals company, our innovations provide essential properties for products used every day and everywhere. You'll find us all the way from your car and mobile phone to towering wind turbines and the local dairy farm. Simply put, we work to make good products even better, with a clear sustainability agenda.

Founded in Sweden in 1881, Perstorp's focused innovation builds on more than 135 years of experience, representing a complete chain of solutions in organic chemistry, process technology and application development. Perstorp has approximately 1,350 employees and manufacturing units in Asia, Europe and North America. Sales in 2018 amounted to 14.9 billion SEK.

Learn more at www.perstorp.com