

Sustainable Solvents



Our expertise – your success. Our strengths lie in our knowledge of the industry, based on many years of experience, and our proximity to our customers.

BTC belongs to the world's leading chemical group, BASF – The Chemical Company.

BTC is BASF's European sales organization for speciality chemical distribution. The company's ten regional sales offices supply customers from numerous industry sectors all over Europe with about 6 000 high-quality chemicals and specialities.

Making sure that our customers benefit from a single contact person and one-stop service, we develop tailor-made solutions together with them. They also profit from the unique advantages of the BASF Verbund in terms of logistics and product availability and from the individual service provided by our local contacts.

Successful together

Customers from different industries have different requirements and needs. The fact that we focus fully on the specific expectations of each individual customer allows us to produce tailor-

made service packages for our clients. This also includes complementing the innovative BASF products with those of selected suppliers. At your request, we will also support you in all laboratory and application-related questions.

From the moment your order comes in to the delivery of your goods, we give you more: personal contact, professional service, short delivery times, and flexibility as well as creativity when it comes to meeting your requirements.

Your central BTC contacts bundle and manage all inquiries and provide you with competent advice on all your commercial and technical needs, directly and with no fuss. For us, proximity to our customers means that, if you wish, you only have one local contact person, regardless of where you are in Europe and where you need us – our standardized data and information system guarantees processes that are efficient from start to finish.

Every year, BTC answers **6 000** customer requests and enquiries relating to product stewardship, including numerous questions on sustainability and environmental compatibility.



BTC – your expert for sustainable solvents

BTC supplies the industry with a wide range of high-quality solvents.

Continuous improvements in our sustainability performance and our broad technological expertise play an important role when it comes to designing environmentally sound, readily biodegradable solvents. We help our customers to operate in a sustainable manner as well as to meet quality, functionality and compliance requirements.



Combining sustainability and quality

Solvents have to fulfil increasingly demanding environmental, health and safety criteria, while also achieving excellent standards as regards performance, quality and workability. Advanced technological know-how and ongoing research enable BTC to continuously develop products and processes that meet customers' changing needs.

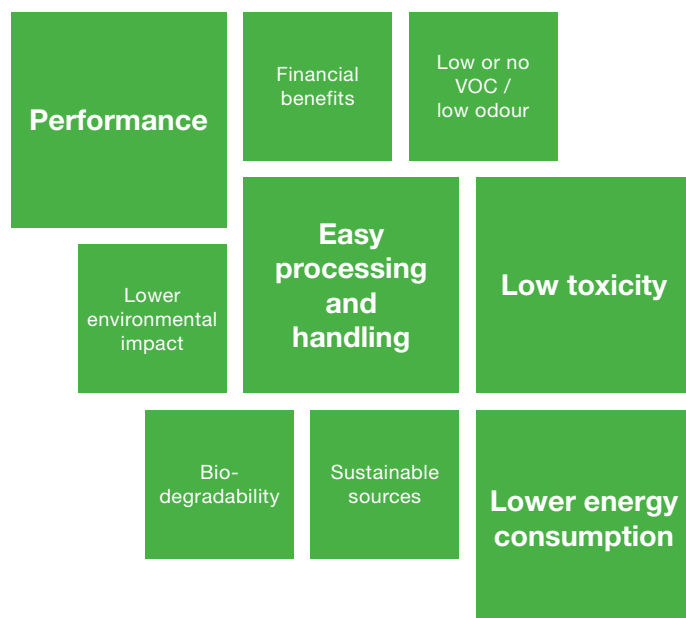
To provide customers in diverse industry sectors with suitable solutions, BTC offers a wide variety of solvents. Different chemical constitutions and functional groups enable a broad range of physical properties to be achieved. Focusing strongly on health and safety, we design products with a low or zero volatile organic compound content, as well as high flash and boiling points. A further priority is detailed and accurate labelling, to help ensure correct handling.

The comprehensive solvent portfolio supplied by BTC ranges from fatty alcohols, dimethylamides, methylester and glycerides to pyrrolidone. Our broad selection of saturated, unsaturated and branched fatty alcohols includes glycerides derived completely from renewable raw materials. Partially renewable feedstock-based solvents such as dimethylamides, methylester and pyrrolidone complement our product range. All solvents listed here are readily biodegradable.

Helping to meet requirements

To assist customers in choosing solvents that will suit their applications and fulfil increasingly demanding end-user and regulatory requirements, our BTC experts will be pleased to give detailed advice and recommendations.

Sustainable Solvent



Product Portfolio

	Viscosity [mPas] (20 °C)	Pour point (°C)	Melting point (°C)	Water soluble [g/L] (20°C)	Boiling point (°C)	Flash-point (°C)	VOC (%)	Labelling
Agnique AE 181-2 EH 2-ethylhexyl oleate	13.4 ¹⁾	< -30	≈ -30 – -80	< 0.0001	> 300	> 180	none	none
Agnique AE 3-2EH 2-ethylhexyl lactate	7.7 ¹⁾ (25 °C)	-67	-23	0.3	246	113	none	H319, 315, 317
Agnique AMD 10 Capryl/capric acid dimethylamide	5.7 ²⁾³⁾ (25°C)	-7	-6	< 0.5 %	291	147	none	H319, 315, 412
Agnique AMD 3L Lactic acid dimehylamide	5.1 ¹⁾ (25°C)	< -20	-2	yes	223	109.5	100	none
Agnique AMD 810 Capryl/capric acid dimethylamide	3.8 ¹⁾ (25°C)	-25	-21	low	274	> 120	none	H318, H335, 315, 412

¹⁾ dynamic ²⁾ kinematic ³⁾ mm²/s

	Viscosity [mPas] (20 °C)	Pour point (°C)	Melting point (°C)	Water soluble [g/L] (20°C)	Boiling point (°C)	Flash-point (°C)	VOC (%)	Labelling
Agnique FOH 898 Capryl alcohol	5.58 ²⁾³⁾ (40°C)	-16	-17	no	194	86.5	100	H319, 412
Agnique FOH 9 OC Oleyl/cetyl fatty alcohol	n.a.	5	2 – 13	no	330 – 360	170	none	none
Agnique ME 18RD-F Rapeseed oil methyl ester	< 50 ¹⁾ (25°C)	-10	-12	no	> 300	184	0.03	none
Agnique ME 610-G Methyl caprylate/caprate	1.42 ²⁾³⁾	-37	-44	0.0003	204	84	0.01	none
Agnique ME 890 Methyl caprylate	< 50 ¹⁾ (25°C)	-39	-55	no	192.6	70	100	none
Cetiol B Dibutyl adipate	5 – 7 ¹⁾	< -30		no	165	> 150	100	none
Cetiol CC Dicapryl carbonate	6 – 8 ¹⁾	< -20	< -20	no	> 250	> 100	< 0.005	none
Cetiol LC Coco caprylate/caprate	9 – 12 ¹⁾	< 13	10	no	> 300	203	none	none
Cetiol MM Myristyl myristate	solid	see mp	40 – 44	no	> 300	213	none	none
Cetiol OE Dicaprylyl ether	2 – 5 ¹⁾	-7	-15 – -5	no	> 250	139	0.01	none
Myritol 318 Capryl/capric acid triglyceride	27 – 33 ¹⁾	< -10	< -5	< 0.0038	> 300	250	none	none
Rilanit EHTI Cetyl/oleyl fatty acid ethylhexyl ester	12 – 15 ¹⁾	< -6 – -10		no	> 250	> 200	none	none
Synative AL 50/55 V Oleyl alcohol	see mp	see mp	25 – 37	no	315 – 360	170	none	none
Synative AL G 16 2-hexyldecan-1-ol	40 – 50	-60	-69	< 0.0001	300	160	none	none
Emulan G 20 2-octyldecyldecan-1-ol	58 – 64	-21	-1	< 0.0001	223 (20 hPa)	189	none	none
Synative AL S Lauryl/myristyl alcohol	23.1 ³⁾ (25 °C)	17 – 23		no	255 – 305	140	none	H400, 410, 319
Synative AL T C12-C18 fatty alcohol	n.a.	18 – 23	18 – 23	no	255 – 360	130	0.50	H 400, 411, 319
Synative ES 8309 Methylester of short chain fatty acids	2.3 (40 °C)	> -4 – 4		no	> 250	130	0.41	H 400, 411
Synative ES DEHS Diethylhexyl sebacate	10.5 – 12.5 ³⁾ (40 °C)	-70	< -60	no	> 250	> 210	none	none
Synative ES DITA Diisotridecyl adipate	24 – 28 ³⁾ (40 °C)	-74 – -54°		no	> 250	> 400	< 0.005	none
Synative ES EHK Ethylhexyl cocoate	8.8 ³⁾	-30	> -53 – -30	< 0.001	> 300	186	none	none
Synative ES ME V Methyl ester of vegetable-based acid	4.7 ²⁾³⁾ (40 °C)	16	6 – 20	No	300	172	0.024	none
Synative ES TMP 05 Trimethylolpropane trioleate	42 – 50 ³⁾ (40°C)	-40	-44	No	> 300	290 – 340	none	none
Propylene carbonate	2.8		-54	83	241	123		H319
2-hydroxyethyl pyrrolidone	77.2		26	Fully	309	174	none	none

¹⁾dynamic ²⁾kinematic ³⁾mm²/s

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