

# 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.

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**BTC belongs to the world's leading chemical group, BASF – We create chemistry.**

BTC is BASF's European sales organization for speciality chemical distribution. The company's eleven 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, flexibility and creativity when it comes to meeting your requirements.

Your central BTC contacts bundle and manage all enquiries 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.



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## **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.

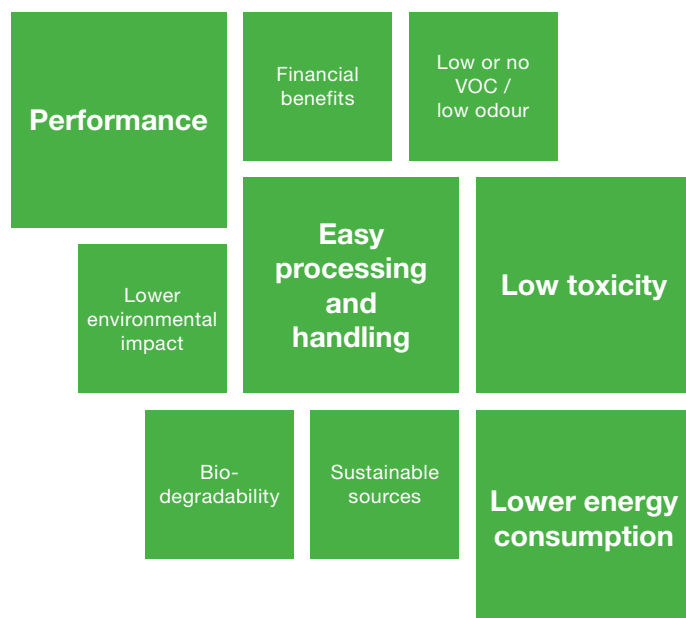
To provide customers in diverse industry sectors with suitable solutions, BTC offers a wide variety of solvents. Different chemical constitutions and functional groups enable a broad range of physical properties to be achieved. Focusing strongly on health and safety, we design products with a low or 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
<b>Agnique AE 181-2 EH</b> 2-ethylhexyl oleate	13.4 <sup>1)</sup>	< -30	≈ -30 – -80	< 0.0001	> 300	> 180	none	none
<b>Agnique AE 3-2EH</b> 2-ethylhexyl lactate	7.7 <sup>1)</sup> (25 °C)	-67	-23	0.3	246	113	none	H319, 315, 317
<b>Agnique AMD 10</b> Capryl/capric acid dimethylamide	5.7 <sup>2)3)</sup> (25°C)	-7	-6	< 0.5 %	291	147	none	H319, 315, 335, 412
<b>Agnique AMD 3L</b> Lactic acid dimethylamide	5.1 <sup>1)</sup> (25°C)	< -20	-2	yes	223	109.5	100	none

<sup>1)</sup> dynamic <sup>2)</sup> kinematic <sup>3)</sup> mm<sup>2</sup>/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
<b>Agnique AMD 810</b> Capryl/capric acid dimethylamide	3.8 <sup>1)</sup> (25 °C)	-25	-21	low	274	> 120	none	H318, 315, 335, 412
<b>Agnique FOH 898</b> Capryl alcohol	5.58 <sup>2)3)</sup> (40 °C)	-16	-17	no	194	86.5	100	H319, 412
<b>Agnique FOH 9 OC</b> Oleyl/cetyl fatty alcohol	n.a.	5	2 – 13	no	330 – 360	170	none	none
<b>Agnique ME 18RD-F</b> Rapeseed oil methyl ester	< 50 <sup>1)</sup> (25 °C)	-10	-12	no	> 300	184	0.03	none
<b>Agnique ME 610-G</b> Methyl caprylate/caprinate	1.42 <sup>2)3)</sup>	-37	-44	0.0003	204	84	0.01	none
<b>Agnique ME 890</b> Methyl caprylate	< 50 <sup>1)</sup> (25 °C)	-39	-55	no	192.6	70	100	none
<b>Cetiol B</b> Dibutyl adipate	5 – 7 <sup>1)</sup>	< -30		no	165	> 150	100	none
<b>Cetiol CC</b> Dicapryl carbonate	6 – 8 <sup>1)</sup>	< -20	< -20	no	> 250	> 100	< 0.005	none
<b>Cetiol LC</b> Coco caprylate/caprinate	9 – 12 <sup>1)</sup>	< 13	10	no	> 300	203	none	none
<b>Cetiol MM</b> Myristyl myristate	solid	see mp	40 – 44	no	> 300	213	none	none
<b>Cetiol OE</b> Dicaprylyl ether	2 – 5 <sup>1)</sup>	-7	-15 – -5	no	> 250	139	0.01	none
<b>Myritol 318</b> Capryl/capric acid triglyceride	27 – 33 <sup>1)</sup>	< -10	< -5	< 0.0038	> 300	250	none	none
<b>Rilanit EHTI</b> Cetyl/oleyl fatty acid ethylhexyl ester	12 – 15 <sup>1)</sup>	< -6 – -10		no	> 250	> 200	none	none
<b>Synative AL G 16</b> 2-hexyldecan-1-ol	40 – 50	-60	-69	< 0.0001	300	160	none	none
<b>Emulan G 20</b> 2-octyl-dodecan-1-ol	58 – 64	-21	-1	< 0.0001	223 (20 hPa)	189	none	none
<b>Synative AL S</b> Lauryl/myristyl alcohol	23.1 <sup>3)</sup> (25 °C)	17 – 23		no	255 – 305	140	none	H400, 410, 319
<b>Synative AL T</b> C12-C18 fatty alcohol	n.a.	18 – 23	18 – 23	no	255 – 360	130	0.50	H400, 411, 319
<b>Synative ES 8309</b> Methylester of short chain fatty acids	2.3 (40 °C)	> -4 – 4		no	> 250	130	0.41	none
<b>Synative ES DITA</b> Diisotridecyl adipate	24 – 28 <sup>3)</sup> (40 °C)	-74 – -54°		no	> 250	> 400	< 0.005	none
<b>Synative ES EHK</b> Ethylhexyl cocoate	8.8 <sup>3)</sup>	-30	> -53 – -30	< 0.001	> 300	186	none	none
<b>Synative ES ME V</b> Methyl ester of vegetable-based acid	4.7 <sup>2)3)</sup> (40 °C)	16	6 – 20	no	300	172	0.024	none
<b>Synative ES TMP 05</b> Trimethylolpropane trioleate	42 – 50 <sup>3)</sup> (40 °C)	-40	-44	no	> 300	290 – 340	none	none
<b>Propylen carbonate S</b>	2.8		-54	83	241	123	not determined	H319
<b>2-hydroxyethyl pyrrolidone</b>	77.2		26	fully	309	174	none	none

<sup>1)</sup> dynamic <sup>2)</sup> kinematic <sup>3)</sup> mm<sup>2</sup>/s

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