



# **AROMA CHEMICALS**

Explore the basics.



# EXPLORE THE BASICS.

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High-quality products and raw materials are characterised by technological superiority.

Our Aroma Chemicals division enriches our portfolio with products which are mainly used in the ingredient supply industry for food and beverages, personal and household care. With essential oils, aroma chemicals as well as natural citrus derivatives, we offer an extensive repertoire of raw material specialities for the flavour and fragrance industry. Our expertise is characterised by process reliability, high levels of purity, analytics and sensory technology based on the highest quality standards required in the EU. As a competent partner, we also offer a comprehensive catalogue of REACH compliant raw materials.

Through our global network, we provide the flexibility necessary to act service-oriented and cost-effective, and to assist our customers with logistics, quality control and packaging. Short communication channels, direct contact and high reliability are our top priorities.

Discover our extensive portfolio.



## CARBOXYLIC ACID ESTERS AND ACETALS

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Bell has a long-standing and extensive experience in the production of carboxylic acid esters and acetals. The product range covers a broad spectrum of these compounds, from minty and green notes to floral and fruity profiles, offering a diverse selection of sensory experiences. This range provides a wide variety of raw materials suitable for both fragrance and flavour applications, as well as tobacco.

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# CAPROATE

Name	CAS	Flavour	Fragrance
<b>Butyl Caproate</b>	626-82-4	0501230	0501235
<b>Butyl Caproate, palm oil free</b>	626-82-4	0502240	0502241
<b>Ethyl Caproate</b>	123-66-0	0141684	0500920
<b>Ethyl Caproate, palm oil free</b>	123-66-0	0501715	0501717
<b>Hexyl Caproate</b>	6378-65-0	0145714	0500775
<b>Hexyl Caproate, palm oil free</b>	6378-65-0	0505577	0505576
<b>Isoamyl Caproate, isomeric pure</b>	2198-61-0	0128308	0500975
<b>Isoamyl Caproate, palm oil free</b>	2198-61-0	0501515	0501517
<b>Isopropyl Caproate, palm oil free</b>	2311-46-8	0505351	0505352
<b>Methyl Caproate</b>	106-70-7	0123805	0500830
<b>Methyl Caproate, palm oil free</b>	106-70-7	0505537	0505536



# PROPIONATE

Name	CAS	Flavour	Fragrance
<b>Citronellyl Propionate R</b>	141-14-0		0500770
<b>Ethyl Propionate</b>	105-37-3	0144527	0500866
<b>Hexyl Propionate</b>	2445-76-3	0123777	0500965
<b>Isoamyl Propionate</b>	105-68-0	0144359	0500985
<b>Linalyl Propionate</b>	144-39-8	0123500	0501030



# ACETATE

Name	CAS	Flavour	Fragrance
<b>2-Methylbutyl Acetate</b>	624-41-9	0501431	0501430
<b>Butyl Acetate</b>	123-86-4	0146820	0500890
<b>Decyl Acetate</b>	112-17-4	0140403	0500915
<b>Geranyl Acetate</b>	105-87-3	0123144	0500935
<b>Isobutyl Acetate</b>	110-19-0	0144308	0500995
<b>Octyl Acetate</b>	112-14-1	0123611	0500820
<b>Pentyl Acetate</b>	628-63-7	0145757	0501070
<b>Phenylethyl Acetate</b>	103-45-7	0145001	0501095
<b>Phenylpropyl Acetate</b>	122-72-5	0123640	0500825



## (ISO)VALERATE

Name	CAS	Flavour	Fragrance
<b>Benzyl Isovalerate</b>	103-38-8	0142142	0500880
<b>Butyl Isovalerate</b>	109-19-3	0146830	0500900
<b>Ethyl Isovalerate</b>	108-64-5	0144957	0500870
<b>Ethyl Valerate</b>	539-82-2	0144950	0500930
<b>Isoamyl Isovalerate, isomeric pure</b>	659-70-1	0144780	0500795
<b>Menthyl Isovalerate</b>	16409-46-4	0126142	0501035
<b>Phenylethyl Isovalerate</b>	140-26-1	0145028	0500875



# BUTYRATE

Name	CAS	Flavour	Fragrance
<b>Benzyl Butyrate</b>	103-37-7	0142089	0500850
<b>Citronellyl Butyrate R</b>	141-16-2		0500910
<b>Geranyl Butyrate</b>	106-29-6	0123929	0500940
<b>Hexyl Butyrate</b>	2639-63-6	0144164	0500785
<b>Methyl Butyrate</b>	623-42-7	0144265	0500780
<b>Octyl Butyrate</b>	110-39-4	0123785	0501065
<b>Pentyl Butyrate</b>	540-18-1	0145482	0501075
<b>Phenylethyl Butyrate</b>	103-52-6	0141820	0501100



# ISOBUTYRATE

Name	CAS	Flavour	Fragrance
<b>Benzyl Isobutyrate</b>	103-28-6	0142126	0500855
<b>Ethyl Isobutyrate</b>	97-62-1	0142705	0500925
<b>Hexyl Isobutyrate</b>	2349-07-7	0144172	0500760
<b>Isoamyl Isobutyrate</b>	2050-01-3	0123136	0500980
<b>Linalyl Isobutyrate</b>	78-35-3	0123600	0500815
<b>Pentyl Isobutyrate</b>	2445-72-9	0141605	0501080
<b>Phenylethyl Isobutyrate</b>	103-48-0	0144455	0500860



# METHYL BUTYRIC ACID ESTER

Name	CAS	Flavour	Fragrance
<b>Benzyl 2-Methylbutyrate</b>	56423-40-6	0501190	0501195
<b>Butyl 2-Methylbutyrate</b>	15706-73-7	0141720	0500885
<b>cis-3-Hexenyl 2-Methylbutyrate</b>	53398-85-9	0501411	0501410
<b>Ethyl 2-Methylbutyrate</b>	7452-79-1	0141705	0500843
<b>Hexyl 2-Methylbutyrate</b>	10032-15-2	0144156	0500955
<b>Isoamyl 2-Methylbutyrate</b>	27625-35-0	0123099	0500970
<b>Isopropyl 2-Methylbutyrate</b>	66576-71-4	0144300	0501025
<b>Methyl 2-Methylbutyrate</b>	868-57-5	0144053	0501040
<b>Methylbutyric Acid</b>	116-53-0	0610020	0500765
<b>Phenylethyl 2-Methylbutyrate</b>	24817-51-4	0143600	0501090



## OTHER AROMA CHEMICALS

Name	CAS	Flavour	Fragrance
<b>Butyl Butyryl Lactate</b>	7492-70-8	0123873	0500895
<b>Butyl Lactate</b>	138-22-7	0130395	0500805
<b>Citral Diethylacetal (Citranal E)</b>	7492-66-2	<del>0123697</del>	0123697
<b>Citral Dimethylacetal (Citranal M)</b>	7549-37-3	<del>0123718</del>	0123718
<b>Citronellyl Formate</b>	105-85-1	<del>0500835</del>	0500835
<b>Ethyl Heptanoate</b>	106-30-9	0141685	0500840
<b>Ethyl Myristate</b>	124-06-1	0146400	0501210
<b>Geranyl Formate</b>	105-86-2	0123160	0500810
<b>Geranyl Propionate</b>	105-90-8	0123187	0500950
<b>Hexyl Benzoate</b>	6789-88-4	0145706	0500790
<b>Methyl Myristate</b>	124-10-7	0140497	0501055
<b>Phenylethyl Formate</b>	104-62-1	0144600	0500800




# CITRUS DERIVATIVES


Bell's range of citrus derivatives for fragrances is based on the natural essential oils that comprise them. We differentiate between Destols™ and Extrols™. Our Destols™ are concentrated citrus oils with a lower terpene content compared to the original oil. They are produced by concentration via rectification. Bell's line of Extrols™ consists of citrus oil extracts in an alcohol-water mixture, which are gained by a liquid-liquid extraction process.

Due to the diverse sensory profile and the excellent stability of our citrus derivatives, they can be utilized to round off a wide range of fragrances and their end applications.

Name	CAS	Flavour	Fragrance
<b>Extrol™ conc. flavours through extraction</b>			
<b>Extrol™ Type Bitter Orange</b>	68916-04-01	0009500	<del></del>
<b>Grapefruit Extrol™ nat.</b>	90045-43-5	0009350	<del></del>
<b>Lemon Extrol™ nat.</b>	84929-31-7	0008995	<del></del>
<b>Lime Extrol™ nat.</b>	90063-52-8	0009600	<del></del>
<b>Mandarine Extrol™ nat.</b>	84929-38-4	0009460	<del></del>
<b>Orange Extrol™ nat.</b>	8028-48-6	0009100	<del></del>

Name	CAS	Flavour	Fragrance
<b>Destol™ concentrated flavours through distillation</b>			
<b>Bitter Orange - 5 fold Destol™ extra nat. FTNF</b>	72968-50-4	0009510	0501300
<b>Bitter Orange - 10 fold Destol™ supra nat. FTNF</b>	72968-50-4	0009515	0501301
<b>Bitter Orange - 20 fold Destol™ ultra nat. FTNF</b>	72968-50-4	0009520	0501302
<b>Grapefruit - 5 fold Destol™ extra nat. FTNF</b>	8016-20-4	0008969	0501270
<b>Grapefruit - 10 fold Destol™ supra nat. FTNF</b>	8016-20-4	0009300	0501271
<b>Grapefruit - 20 fold Destol™ ultra nat. FTNF</b>	8016-20-4	0009310	0501272
<b>Lemon - 5 fold Destol™ extra nat. FTNF</b>	8008-56-8	0009041	0501290
<b>Lemon - 10 fold Destol™ supra nat. FTNF</b>	8008-56-8	0009040	0501291
<b>Lemon - 20 fold Destol™ ultra nat. FTNF</b>	8008-56-8	0009043	0501292
<b>Lime - 5 fold Destol™ extra nat. FTNF</b>	8008-26-2	0009010	0501310
<b>Lime - 10 fold Destol™ supra nat. FTNF</b>	8008-26-2	0009011	0501311
<b>Lime - 20 fold Destol™ ultra nat. FTNF</b>	8008-26-2	0009012	0501312
<b>Lime Destol Coeur</b>	90063-52-8	0008940	
<b>Orange - 5 fold Destol™ extra nat. FTNF</b>	8028-48-6	0008981	0501260
<b>Orange - 10 fold Destol™ supra nat. FTNF</b>	8028-48-6	0008982	0501261
<b>Orange - 20 fold Destol™ ultra nat. FTNF</b>	8028-48-6	0008983	0501262
<b>Tangerine - 5 fold Destol™ extra nat. FTNF</b>	8008-31-9	0008928	0501280
<b>Tangerine - 10 fold Destol™ supra nat. FTNF</b>	8008-31-9	0008929	0501281
<b>Tangerine - 20 fold Destol™ ultra nat. FTNF</b>	8008-31-9	0008927	0501282

Please note our MOQ = 50 kg

Name	CAS	Flavour	Fragrance
<b>Terpene for synthesis</b>			
<b>Isomerisat L</b>	73018-51-6		0501480

Please note our MOQ = 10 kg



## BUTTER SPECIALITIES (FLAVOURS)

Butter derivatives and esters are an essential base within the flavour segment. They provide a full-bodied taste and are also useful for rounding off sensory profiles in various product categories and flavour applications. Bell offers a portfolio of butter flavours, characterised by its versatility and flexibility for use as raw materials in various food applications and ingredients.

Name	CAS	Flavour	Fragrance
<b>Butter Derivative J-4308</b> <sup>1</sup>	91745-88-9	6950003	<del> </del>
<b>Butter Ester</b> <sup>1</sup>	97926-23-3	6950001	<del> </del>
<b>Capryl Butyric Acid J-4310</b>	N/A	141.C18	<del> </del>

All Bell Butter Specialities are Kosher certified.

<sup>1</sup> Halal certified



# SCHIFF BASE (FRAGRANCES)

Bell has many years of experience in the manufacturing of Schiff's bases. These condensation products of various aldehydes and methyl anthranilate are characterised by high adhesion and stability within the end application, due to their high boiling point. Our product portfolio includes a myriad of floral notes, creating a unique experience in fragrances for household care products, in particular.

Name	CAS	Flavour	Fragrance
<b>Aurantiol</b> (Hydroxycitronellal / Methyl Anthranilate Schiff base)	N/A	<del></del>	0123340
<b>Methyl Anthranilate</b>	134-20-3	<del></del>	0142100

## Explore the basics.

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