

## Düllberg Konzentra – essential oils at their best

Ninety years of experience, exceptional expertise and an innovative family company firmly grounded in the present: welcome to Düllberg Konzentra in Hamburg. We are one of the leading suppliers of essential oils for aromatherapy and many other applications and sectors, ranging from the perfume, cosmetic and pharmaceutical segments to the food and animal feed industries.

"Made in Germany" is our incentive and our quality pledge, and we are proud to honour it. For us, this means delivering products of exceptional quality and ensuring sustainability across all our processes. It means supreme flexibility in our business partnerships and a commitment to service that places the customer at the heart of everything we do.

#### Products and services that set the standard

Düllberg Konzentra specialises in producing and refining essential oils. Our expertise starts with the selection and procurement of raw materials in the countries of origin: sourcing takes place in direct cooperation and close partnership with the local manufacturers and farmers. This approach allows us to ensure the highest quality of our products right from the very start.

Using smart production processes and meticulously planned warehousing, we maintain the highest level of supply security. We go out of our way to meet our customers' specific requirements, from individual container sizes within our standard range to customised blends.

## Where expertise meets cutting-edge technology

Delivering quality means documenting products and processes continually and very accurately.

Our excellent analytics, which are continually being developed, play a role, as do our state-of-the-art distillation and rectification plants which we use to precisely control the chemical and physical properties of our products. Fully automated mixing systems also ensure meticulous dosage accuracy.

To ensure the highest and most consistent product quality, from the outset our perfumers, technical experts and quality management specialists are closely involved in the supplier selection process. We follow the ISO 9001 standard and Good Manufacturing Practice (GMP).

## Why Düllberg Konzentra?

Profound technical expertise and experience, high-quality products and creativity – this combination is what makes us the ideal partner for your wishes and requirements.

From innovative concepts for on-trend products to bespoke compositions: we are experts for formulating creations based on essential oils that drive new ideas on the market and inspire consumers. Our own compositions, which are made of pure essential oils and natural components, are the ideal ingredients for your certified natural cosmetics.

## Choose your field of application

**Aromatherapy** – Essential oils are a pleasure for the body and mind. They contain the natural scent and active ingredients of plants in a highly concentrated form. Our essential oils are of the highest quality and are considered the benchmark in the aromatherapy segment.

**Cosmetics & Perfumery** – Naturalness and sustainability are the latest buzzwords – we ensure that they go hand in hand with quality and safety. We rigorously control every single ingredient in our essential oils, confirm compliance with all legal requirements and, of course, ensure that your individual specifications are met.

**Pharma** – Our active pharmaceutical ingredients are manufactured in accordance with the principles of Good Manufacturing Practice (GMP) and the requirements of the European Pharmacopoeia. As well as supplying high-quality products, our regulatory affairs experts provide valuable support during the market approval process.

**Food** – Essential oils from Düllberg Konzentra deliver flavour with added value: sensory enjoyment combined with positive attributes that can contribute to product quality and long shelf-life.

**Animal Feed** – Our essential oils improve the flavour of animal feed, increases feed, smell or palatibility and may support livestock during periods of stress. We guarantee that our essential oils comply with the very highest quality standards.

Product Name	Botanical Name	>ıÊ		٠.	Ф [ Ф	•	
Amyris oil	Amyris balsamifera	•	•	•			
Angelica root oil	Angelica archangelica	•	•	•			
Anise oil	Pimpinella anisum	•	•	•		•	•

## Anise oil

Pimpinella anisum

Distinct sweet, licorice-like aroma, characterized by its warm, spicy, and slightly herbal scent, with notes of sweetness and a hint of freshness. Mood-enhancing, strengthening, relaxing.



## Bergamot oil

Citrus bergamia

Citrusy scent, a beautiful complex aroma with underlying floral and bitter characteristics. Clear, bright and vibrant, sometimes described as sparkling and zesty. Uplifting, refreshing, balancing.



Product Name	Botanical Name	<u> </u>		١.	⊕	<b>W</b>	
Basil oil	Ocimum basilicum	•	•	•			
Bay oil	Pimenta racemosa	•	•	•			
Bergamot oil	Citrus bergamia	•	•	•			
Birch tar oil	Betula pendula	•	•	•			
Bitter fennel oil	Foeniculum vulgare	•	•	•			•
Bitter orange oil	Citrus x aurantium	•	•	•			
Blood orange oil	Citrus sinensis	•	•	•			
Cade oil	Juniperus oxycedrus	•	•	•			
Cajeput oil	Melaleuca leucadendra	•	•	•			
Calamus oil	Acorus calamus	•	•	•			
Camphor oil white	Cinnamomum camphora	•	•	•		•	•
Cananga oil	Cananga odorata	•	•	•			
Caraway seed oil	Carum carvi	•	•	•		•	•
Cardamom oil	Elettaria cardamomum	•	•	•		•	•
Carrot seed oil	Daucus carota	•	•	•			
Cassia oil	Cinnamon cassia	•	•	•			
Cedar leaf oil	Thuja occidentalis	•	•	•			
Cedar wood oil	Cupressus funebris	•	•	•			
Celeric seed oil	Apium graveolens	•	•	•			

Product Name					<b>⊕</b> [ ⊕		
Chamomile oil blue	Chamomilla recutita	•	•	•			
Chamomile oil Morocco	Ormensis multicaulis	•	•	•			
Chamomile oil Roman	Anthemis nobilis	•	•	•			
Cinnamon leaf oil	Cinnamonium zeylanicum	•	•	•		•	•
Cinnamon bark oil	Cinnamonium zeylanicum	•	•	•			•
Citronella oil	Cymbopogon winterianus	•	•	•			
Clary sage oil	Salvia sclarea	•	•	•			
Clove flower oil	Syzygium aromaticum	•	•	•			
Clove leaf oil	Syzygium aromaticum	•	•	•		•	•
Coriander oil	Coriandrum sativum	•	•	•		•	•
Cypress oil	Cupressus sempervirens	•	•	•			
Davana oil	Artemisia pallens	•	•	•			
Dill seed oil	Anethum graveolens	•	•	•			
Dill weed oil	Anethum graveolens	•	•	•			
Dwarf pine oil	Pinus mugo	•	•	•			

#### Cinnamon oil

Cinnamonium zeylanicum

Intensive odour with a warm, aromatic, slightly green fruity character, if obtained from the leaves. Cinnamon bark oil provides a woody, dry, sweet and spicy scent with a tangy undertone. Invigorating, stimulating, strengthening.



#### Citronella oil

Cymbopogon winterianus

Refreshing, crisp and zesty fragrance reminiscent of lemons and melissa, with subtle grassy and woody undertones. Anti-inflammatory, invigorating, strengthening.



#### Clove oil

Syzygium aromaticum

Warm, spicy, and aromatic fragrance. Distinct and powerful scent with notes of sweet and woody undertones, often described as rich and earthy. Stimulating, strengthening, warming.



## **Eucalyptus oil**

Eucalyptus globulus

Minty fresh, clean and bright medicinal aroma. The green, camphor-like and lemony aspects can add a kind of airiness to perfumes. Stimulating, activating, mood-brightening.



Product Name	Botanical Name	¥		ě	<b>D</b>	WT.	
Elemi oil	Canarium luzonicum	•	•	•			
Eucalyptus oil	Eucalyptus globulus		•	•	0	•	•
Fennel oil	Foeniculum vulgare	•	•	•			
Fir needle oil Sibirian	Abies sibirica	•	•	•			
Galbanum oil	Ferula galbaniflua	•	•	•			
Garlic oil	Allium sativum	•				•	•
Geranium oil	Pelargonium graveolens	•	•	•			
Ginger oil	Zingiber officinale	•	•	•		•	
Grapefruit oil	Citrus paradisi	•	•	•			
Hop oil	Humulus lupulus	•	•	•			
Jasmin absolue	Jasminum grandiflorum	•	•	•			
Juniper berry oil	Juniperus communis	•	•	•			

#### Fennel oil

Foeniculum vulgare

Sweet, warm, licorice-like aromatic scent with herbal undertones, subtle earthy peppery. Bitterfennel is spicy, warm and camphoraceous. Strengthening, relaxing, encouraging.



## Garlic oil

Allium sativum

Distinct and pungent aroma due to its sulfur compounds. The strong and aromatic taste of garlic is often described as sharp, intense, and slightly spicy. Resilience-boosting, strengthening, antibacterial.



### Ginger oil

Zingiber officinale

Warm, spicy, vibrant, and slightly sweet scent with subtle citrus undertones. Fiery and pungent fragrance reminiscent of fresh ginger root. Invigorating, strengthening, aphrodisiac.



#### Lavender oil

Lavandula angustifolia

Fresh, floral, herbaceous scent with woody facets. Sometimes with slight sweet coumarin-like or fruity undertones, with delicate hints of mint. Harmonizing, calming, mood-brightening.



#### Lemon oil

Citrus lemon

Bright, uplifting, refreshing citrus scent—crisp, clean, and invigorating. It captures the tangy, juicy aroma of fresh lemons. Strengthening, invigorating, balancing.

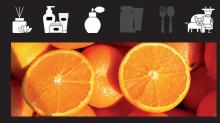


Product Name	Botanical Name			•	<b>+</b>		
Laurel leaf oil	Lauris nobilis	•	•	•			
Lavandin oil	Lavandula hybrida	•	•	•			
Lavender oil	Lavandula angustifolia	•	•	•	0	•	•
Lemon oil	Citrus limon	•	•	•		•	
Lemongrass oil	Cymbopogen flexuos	•	•	•		•	
Lime oil	Citrus latifolia	Oitrus latifolia ● ●		•		•	
Litsea cubeba oil	Litsea cubeba	•	•	•			
Lovage root oil	Levisticum officinale	•	•	•			
Mandarin oil	Citrus reticulata	•	•	•			
Manuka oil	Leptospermum scoparium	•	•	•			
Marjoram oil	Origanum majorana	•	•	•			•
Melissa oil	Melissa officinalis	•	•	•			
Mint oil	Mentha arvensis	•	•	•		•	•
Myrrh oil	Commiphora myrrha	•	•	•			
Myrtle oil	Myrtus communis	•	•	•			

### Orange oil

Citrus sinensis

Fruity orange with sweet citrus notes and a fresh, sparkling touch. The scent is vibrant, invigorating, harmonizing and captures the juicy aroma of fresh oranges. Moodbrightening, relaxing, encouraging.



#### Peppermint oil

Mentha piperita

Radiantly fresh, vitalizing, grassy-minty with a deep balsamic undertone. Invigorating scent with cool, minty notes that uplift and awaken the senses. Focusing, strengthening, stimulating.



#### Petitgrain oil

Citrus aurantium

Fresh, woody, slightly floral aroma with a subtle sweetness. A scent of citrus with hints of green and bitterness. Evokes a feeling of freshness and vitality. Balancing, strengthening, encouraging.



Product Name	Botanical Name	¥			<b>⊕</b>		
Neroli oil	Citrus aurantium amara	•	•	•			
Niaouli oil	Melaleuca viridiflora	•	•	•			
Nutmeg oil	Myristica fragrans	•	•	•			
Olibanum oil	Boswellia serrata	•	•	•			
Onion oil	Allium cepa					•	
Orange oil	Citrus sinensis	•	•	•			•
Origanum oil	Origanum vulgare	•	•	•		•	•

Product Name	Botanical Name	¥		•	⊕	WP 1	
Palmarosa oil	Cymbopogon martinii	•	•	•			
Parsley oil	Petroselinum crispum	•	•	•			
Patchouli oil	Pogostemon cablin	•	•	•			
Pepper oil black	Piper nigrum	•	•	•			
Peppermint oil	Mentha x piperita	•	•	•	•	•	•
Peru balm	Myroxylon balsamum	•	•	•			
Petitgrain oil	Citrus aurantium	•	•	•			
Pimento leaf oil	Pimenta officinalis	•	•	•			
Pine needle oil	Pinus sylvestris	•	•	•	0		•
Rose oil	Rosa damascena	•	•	•			
Rosemary oil	Rosmarinus officinalis	•	•	•		•	•

#### Pine needle oil

Pinus sylvestris

Strong, fresh, resinous and invigorating aroma reminiscent of a pine forest. A distinctive evergreen scent with notes of resin and hints of citrus. Stimulating, strengthening, encouraging.



#### Rose oil

Rosa damascena

Rich, luxurious and captivating floral aroma that evokes a sense of beauty and elegance. The warm scent is complex, velvety, sweet, spicy and velvety. Balancing, encouraging, exhilarating.



#### Rosemary oil

Rosmarinus officinalis

Aromatic, fresh, herbaceous, balsamic and woody scent with a touch of medicinal impression. Notes of camphor and a hint of floral sweetness. Focusing, invigorating, strengthening.



### Spearmint oil

Mentha spicata

Refreshing, cooling, and minty aroma with a slightly aromatic, herbaceous and earthy undertone. The scent is often described as clean and uplifting. Invigorating, focusing, calming.



#### Star anise oil

Illicium verum

Sweet, spicy and liquorice aroma, very fragrant, with warm and soothing notes. Delightful harmonious scent combining sweetness and spice. Encouraging, stimulating, relaxing.



#### Tea Tree oil

Melaleuca alternifolia

Strong, fresh camphoraceous medicinal scent with prominent notes of terpenes adding a characteristic earthy and herbal aroma. Encouraging, activating, strengthening.



Product Name	Botanical Name	¥			<b>+</b>		
Sage oil	Salvia officinalis	•	•	•		•	•
Sandalwood oil Aust.	Santalum spicatum	•	•	•			
Silver fir oil	Abies alba	•	•	•			
Spearmint oil	Mentha spicata	•	•	•		•	
Spike oil	Lavandula latifolia	•	•	•			
Spikenard oil	Nardostachys jatamansi	•	•	•			
Star anise oil	Illicium verum	•	•	•		•	•
Swiss pine oil	Pinus cembra	•	•	•			
Tagetes oil	Tagetes minuta	•	•	•			
Tarragon oil	Artemisia dracunculus	•	•	•			
Tea Tree oil	Melaleuca alternifolia	•	•	•			•
Thuja oil	Thuja orientalis	•	•	•			
Thyme oil	Thymus vulgaris	•	•	•		•	•
Turpentine oil	Pinus ssp.	•	•	•			

Product Name	Botanical Name	¥		1	<b>+</b>	<b>W</b>	
Valerian oil	Valeriana officinalis	•	•	•			
Vetiver oil	Vetiveria zizanoides	•	•	•			
Wintergreen oil	Gaultheria procumbens	•	•	•			•
Wormwood oil	Artemisisa absinthum	•	•	•			
Ylang oil	Cananga odorata	•	•	•			

## Single Substances

Essential oils are complex natural compounds. Their versatile effects are based on the interaction of the aromatic chemicals contained. Our aroma chemicals of the highest quality support the effectiveness of products in a wide variety of applications and add the special sensory touch.

Substance Name	<u>\\</u>		<b>!</b>	<b>⊕</b> [ ⊕	<b>W</b>	
Borneol		•	•			
Bornyl Acetate		•	•			•
Camphor		•	•			
Carvacrol		•	•			•
Caryophyllene beta		•	•			•
Cineole		•	•	0		•
para-Cymene		•	•			•
Fenchone		•	•		•	
Geraniol		•	•			•
Limonene		•	•			•
Linalool		•	•		•	•
Menthol		•	•		•	•
Menthone		•	•		•	
Pinene alpha		•	•			•
Pinene beta		•	•			•
Terpinolene		•	•			•
Thymol		•	•			•
Vanillin		•	•			•

# Essential Oils

BOTANICAL NAME	COMMON NAME	GERMAN COMMON NAME	BOTANICAL NAME	COMMON NAME	GERMAN COMMON NAME
Abies alba	Silver fir	Edeltanne	Jasminum grandiflorum	Jasmin	Jasmin
Abies sibirica	Fir Siberian	Fichte sibirisch	Juniperus communis	Juniper	Wacholder
Acorus calamus	Calamus	Calmus	Juniperus oxycedrus	Cade	Cade
Allium cepa	Onion	Zwiebel	Lauris nobilis	Laurel	Lorbeer
Allium sativum	Garlic	Knoblauch	Lavandula angustifolia	Lavender	Lavendel
Amyris balsamifera	Amyris	Sandelholz West	Lavandula hybrida	Lavandin	Lavandin
Anethum graveolens	Dill	Dill	Lavandula latifolia	Spike	Speik-Lavendel
Angelica archangelica	Angelica	Angelika	Leptospermum scoparium	Manuka	Manuka
Anthemis nobilis	Chamomile Roman	Kamille römisch	Levisticum officinale	Lovage	Liebstock
Apium graveolens	Celeriac	Sellerie	Litsea cubeba	Litsea cubeba	Litsea Cubeba
Artemisia absinthum	Wormwood	Wermut	Melaleuca leucadendra	Cajeput	Cajeput
Artemisia dracunculus	Tarragon	Estragon	Melaleuca viridiflora	Niaouli	Niauli
Artemisia pallens	Davana	Davana	Meleuca alternifolia	Tea tree	Teebaum
Betula pendula	Birch	Birke	Melissa officinalis	Melissa	Melisse
Boswellia serrata	Olibanum	Olibanum	Mentha arvensis	Mint	Minze
Cananga odorata	Cananga	Cananga	Mentha piperita	Peppermint	Pfefferminze
Cananga odorata	Ylang	Ylang	Mentha spicata	Spearmint	Krauseminze
Canarium luzonicum	Elemi	Elemi	Myristica fragrans	Nutmeg	Muskatnuss
Carum carvi	Caraway	Kümmel	Myroxylon balsamum	Peru balm	Perubalsam
Chamomilla recutita	Chamomile blue	Kamille blau	Myrtus communis	Myrtle	Myrrthe
Cinnamomum camphora	Camphor	Campher	Nardostachys jatamansi	Spikenard	Nardenähre
Cinnamon cassia	Cassia	Cassia	Ocimum basilicum	Basil	Basilikum
Cinnamonium zeylanicum	Cinnamon	Zimt	Origanum majorana	Marjoram	Majoran
Citrus aurantium	Petitgrain	Petitgrain	Origanum vulgare	Origanum	Oregano
Citrus aurantium amara	Neroli	Neroli	Ormensis multicaulis	Chamomile Morocco	Kamille marokkanisch
Citrus bergamia	Bergamot	Bergamotte	Pelargonium graveolens	Geranium	Geranium
Citrus latifolia	Lime	Limette	Petroselinum crispum	Parsley	Petersilie
Citrus limon	Lemon	Zitrone	Pimenta officinalis	Pimento	Piment
Citrus paradisi	Grapefruit	Grapefruit	Pimenta racemosa	Bay	Bay
Citrus reticulata	Mandarin	Mandarine	Pimpinella anisum	Anise	Anis
Citrus sinensis	Blood orange	Blutorange	Pinus cembra	Swiss pine	Zirbelkiefer
Citrus sinensis	Orange	Orange	Pinus mugo	Dwarf pine	Latschenkiefer
Citrus × aurantium	Bitter orange	Bitterorange	Pinus pinaster	Turpentine	Terpentin
Commiphora myrrha	Myrrh	Myrrhe	Pinus sylvestris	Pine	Kiefer
Coriandrum sativum	Coriander	Koriander	Piper nigrum	Pepper	Pfeffer
Cupressus funebris	Cedar	Zeder	Pogostemon cablin	Patchouli	Patchouli
Cupressus sempervirens	Cypress	Zypresse	Rosa damascena	Rose	Rose
Cymbopogon flexuosus	Lemongrass	Zitronengras	Rosmarinus officinalis	Rosemary	Rosmarin
Cymbopogon martinii	Palmarosa	Palmarosa	Salvia officinalis	Sage	Salbei
Cymbopogon winterianus	Citronella	Citronella	Salvia sclarea	Clary sage	Muskatellasalbei
Daucus carota	Carrot	Karotte	Santalum spicatum	Sandalwood	Sandelholz
Elettaria cardamomum	Cardamom	Kardamom	Syzygium aromaticum	Clove	Nelke
Eucalyptus globulus	Eucalyptus	Eukalyptus	Tagetes minuta	Tagetes	Tagetes
Ferula galbaniflua	Galbanum	Galbanum	Thuja occidentalis	Cedar	Zeder
Foeniculum vulgare	Bitter fennel	Bitterfenchel	Thuja occidentalis Thuja orientalis	Thuja	Thuja
Foeniculum vulgare	Fennel	Fenchel	Thuja onemalis Thymus vulgaris	Thyme	Thymian
Gaultheria procumbens		Wintergrün	Valeriana officinalis	Valerian	Baldrian
	Wintergreen		Valeriana officinalis Vetiveria zizanoides	Valeriari Vetiver	Vetiver
Humulus lupulus	Hop Star anica	Hopfen Stornania			
Illicium verum	Star anise	Sternanis	Zingiber officinale	Ginger	Ingwer

## Nature is our most precious resource

Essential oils are natural products. Accordingly, protecting nature is one of our most fundamental, non-negotiable tasks. We employ sustainable action to secure the future of society and the foundation of our business.

Our focus is on environmental issues, social aspects and a corporate management style that places sustainability at the heart of everything we do. We use renewable green energy and use resources sparingly and considerately. We are committed to full, seamless traceability, and we ensure the quality of our products and raw materials through comprehensive supplier qualification and targeted audits.

We take pride in the fact that we are constantly evolving and improving, as we believe that this is crucial in our obligation to future generations and meeting the sustainability needs of the future.



Further essential oils from Düllberg Konzentra are available on request. Please contact us for more information or visit our website www.duellberg-konzentra.de/en

Please note that the information provided has been compiled to the best of our knowledge and belief. We accept no liability that the information provided here is correct, complete and up-to-date.

Effects or properties mentioned are based on references in the literature or use in folk medicine. The descriptions are typically attributed to the plants or essential oils and do not refer to specific products.

























#### Pharma:

CEP (Certificate of Suitability)

o under assessment by EDQM (European Directorate for the Quality of Medicines & HealthCare) □ ASMF: Active Substance Master File





