

QUALITY PERFORMS.



LANXESS takes performance, purity and sustainability of benzyl benzoates to the next level.

QUALITY WORKS.

LANXESS
Energizing Chemistry

HIGH PURITY BENZYL BENZOATE FROM THE WORLD'S LEADING SUPPLIER LANXESS

LANXESS is a leading global producer for key aroma chemicals, trusted for our consistency, quality and expertise. Following the acquisition of Emerald Kalama Chemical, LANXESS is the leading Benzyl Benzoate producer in the world.

The perfect purity level for your application

The high molecular weight and nearly odorless nature make LANXESS benzyl benzoates the fixative of choice and are therefore extensively used in various industries from flavors & fragrances to pharmaceuticals and textiles.

Four different grades of LANXESS Benzyl Benzoates allow you to choose the best option for your specific application. The new Ultrapure grade takes olfactory performance, purity and sustainability to the next level. It is also available as a renewable version, certified to comply with the ISCC Plus standards.

- **LANXESS Benzyl Benzoate Ultrapure Scopeblue®**
is the renewable, mass balance certified version of the Ultrapure grade
- **LANXESS Benzyl Benzoate Ultrapure**
for applications requiring superior olfactory profiles and very low impurity levels
- **LANXESS Benzyl Benzoate Performance**
for applications requiring a standard olfactory profile
- **LANXESS Benzyl Benzoate Regular**
for industrial applications

The LANXESS technical experts will support you in finding the best option to fit your individual needs.

Reaching for the highest quality standards

ISO certified programs are established at all production sites to ensure highest quality standards. Our Performance and Ultrapure grades comply with FSSC 22000 and HACCP standards to meet the strict requirements of the food and pharmaceutical industries. Kosher and Halal certificates are also available for those grades.

Our contribution to your sustainability goals

LANXESS is committed to become climate neutral by 2040. With our "Net Zero Value Chain" initiative we target to eliminate Scope 3 emissions, aiming for a climate-neutral supply chain by 2050.

The **LANXESS Scopeblue®** brand label identifies products that enable climate-friendly solutions and contribute to a circular economy. They either contain at least 50% sustainable raw materials or have a carbon footprint that is at least 50% lower than that of conventional products.

LANXESS Benzyl Benzoate Ultrapure Scopeblue® offers a considerably improved carbon footprint, with proven premium product quality and unchanged characteristics. The product is based on sustainable raw materials and green energy, following the ISCC Plus certified mass balance approach. We provide verified carbon footprint calculations through the LANXESS Product Carbon Footprint Engine, following the SBTi and ISO 1406 standards and certified by TÜV Rheinland.

Supply security to serve customers' needs globally

With production sites strategically located in the USA, India and the UK, LANXESS owns a unique and safe supply network to serve customers worldwide. This way, Benzyl Benzoate can be sourced locally from nearly anywhere in the world.

Operations are among the largest and most efficient of their kind – renowned for their high degree of vertical integration, and being fully backward integrated in raw materials.

With our global network we ensure:

- Reliable product availability
- Short lead times
- A worldwide sales and distributor network
- Low freight costs
- An efficient supply chain
- Reducing carbon footprint

Properties

LANXESS Benzyl Benzoate				
	Regular	Performance	Ultrapure	Ultrapure Scopeblue®
Purity	min. 99.5 % <ul style="list-style-type: none"> Preferred choice for industrial applications 	min. 99.7 % <ul style="list-style-type: none"> Perfume quality: Low olfactory profile 	min. 99.8 % <ul style="list-style-type: none"> Superior Perfume quality: superior olfactory profile #1 choice of perfume Save cost of masking Very low in benzyl ether & light boilers 	min. 99.8 % Additional performance characteristics to the Ultrapure grade: <ul style="list-style-type: none"> Based on sustainable raw materials following the mass balance approach Significantly reduced CO₂ emissions
Odor	sweet balsamic oily, herbal odor	fain sweet, balsamic oily, herbal odor	nearly odorless	nearly odorless
Visual Description	clear colorless, liquid	clear colorless, liquid	clear colorless, liquid	clear colorless, liquid
Certificates	<ul style="list-style-type: none"> ISO 9001, ISO 14001 	<ul style="list-style-type: none"> ISO 9001, ISO 14001, Halal, Kosher, FSSC 22000, HACCP 	<ul style="list-style-type: none"> ISO 9001, ISO 14001, ISO 45001, Halal, Kosher, FSSC 22000, HACCP 	<ul style="list-style-type: none"> ISCC PLUS, ISO 9001, ISO 14001, ISO 45001, Halal, Kosher, FSSC 22000, HACCP

Broad range of applications

Application Group	Description
Flavor & Fragrance Blend	<p>Perfume fixative of choice for waxy products like deodorants or fine candles, and solvent for solid products like artificial musk. Superior olfactory performance of Ultrapure can reduce cost by avoiding to mask the typical sweet balsamic note of benzyl benzoate.</p> <p>In Household Care it is also used in the manufacture of fine candle products, where it is used to incorporate fragrances into wax and promotes clean burning.</p>
Food	Flavor application in confectioneries and chewing gums.
Textile	Used as a dye carrier, leveling agent, healant.
Plasticizer	Plasticizer application for cellulose acetate and nitro cellulose.
Pharmaceutics	Medication and insect repellent used in topical formulations for the treatment of lice, scabies and pediculosis. It has vasodilating and spasmolytic effects and is widely used in the medicines for the treatment of asthma and whooping cough.
Agrochemical	Used as a solvent for active ingredients.





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Note: Information contained in this publication is current as of October, 2023. Please contact LANXESS Deutschland GmbH respectively LANXESS Corporation to determine if this publication has been revised.

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