

Product name:

Product code:

Black Pepper Essential Oil

EON009

General identification data	
Parameter	Value
Botanical source	Piper nigrum
Product color	Green, Yellow
HS code	33012949
Country of origin	India
Grade	Cosmetic Grade
Processing method	Steam Distillation
Storage conditions	Protect from direct sunlight, Protect from heat, Store in a cool place, Store in a dry and clean environment, Keep container tightly closed

Formulation parameters	
Parameter	Value
Free from	alcohol, ethylene oxide (EO), preservatives, parabens, GMO-derived ingredients, palm oil-derived ingredients
Formulation phase	Post-addition, Cool-down phase, Oil phase
Function in formulation	Active ingredient, Fragrance component
Compatibility	No Restrictions
Application area	Scalp, Body, Hair
Recommended processing temperature (°C)	< 40
Application	Diffusers and aromatherapy, Soaps, Shower and bath products, Body care, Hair care
Solubility	Water-insoluble, Alcohol-soluble, Oil-soluble
Application type	Leave-on, Rinse-off
Effects	Antimicrobial Effect, Cleansing, Warming effect, Anti-Inflammatory Effect, Stimulating

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Sustainability and certifications	
Parameter	Value
Certifications	Vegan
Natural Index (NI ISO 16128)	1,00
Natural Origin Index (NOI ISO 16128)	1,00
Organic content (%)	0
Renewable Carbon Content (RCC) (%)	100

Regulation and Safety	
Parameter	Value
Allergens	The product contains one or more fragrance allergens listed in Annex III of Regulation (EC) No. 1223/2009, as amended, including Commission Regulation (EU) 2023/1545.
BSE/TSE	The product does not contain materials of animal origin and, due to the absence of animal-derived materials and the production process, contamination or cross-contamination with BSE/TSE can be excluded.
CITES	The product is not derived from endangered species listed in the CITES Appendices and therefore does not require CITES certification.
Product CMR classification	The product is not classified as carcinogenic, mutagenic, or toxic to reproduction (CMR) according to Regulation (EC) No. 1272/2008.
Ethylene oxide	Ethylene oxide is not used in the production process of this product.
GMO	The product has not been produced using genetically modified organisms (GMOs) as raw materials or GMO-derived processing aids and does not contain residues from GMO sources according to Regulations (EC) No. 1829/2003 and 1830/2003.
CLP classification	The substance is classified according to Regulation (EC) No 1272/2008 (CLP) and contains hazardous substances. Detailed information on composition, classification and safe handling is provided in the Safety Data Sheet (SDS), which is available on request.
Nanomaterials	Nanomaterials are not used in, added to, or generated during the manufacturing of this product in accordance with Regulation (EC) No. 1223/2009.

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Regulation and Safety	
Parameter	Value
CMR ingredient content	The product does not contain any ingredients classified as carcinogenic, mutagenic, or toxic to reproduction (CMR).
VOC content	The product is a mixture of volatile organic compounds naturally occurring in the essential oil.
Treatment with ionising radiation	The product has not been treated with ionising radiation at any stage before, during, or after the production process.
Parabens	The product is free from parabens.
Pictograms	GHS02 Flammable, GHS07 Irritant, Sensitization, Harmful, GHS08 Serious Health Hazard (Chronic), GHS09 Hazardous to the Environment
Proposition 65	None of the components of this product are listed on the California Proposition 65 list.
REACH status	The product is exempt from the registration requirement under Regulation (EC) No. 1907/2006 (REACH) at quantities up to 1 tonne per year.
Residual solvents	No residual solvents are used in or expected to remain from the production process of this product.
SVHC	The product is neither listed as a Substance of Very High Concern (SVHC) nor does it contain any material listed as an SVHC according to Article 59 of Regulation (EC) No. 1907/2006 (REACH).
Heavy metals	Relevant heavy metals are not expected to be present in the product above applicable limits.
Animal testing	The product has not been tested on animals for cosmetic purposes by or on behalf of the company.

The information contained in this document is provided in good faith and to the best of our current knowledge. It is supplied without warranty and does not constitute a guarantee of the product’s suitability for any specific purpose.

The customer remains solely responsible for verifying the suitability, safety, and compliance of the product for the intended use and final application. Where necessary, appropriate testing should be carried out prior to use. All information is considered accurate at the time of issue; however, product details may be subject to change. Customers are therefore encouraged to keep their technical documentation up to date.

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