



Product Code	K0436
<b>Product Name</b>	<b>Spruce Hemlock, Essential Oil</b>
Alcohol Status	O&3 can confirm that Spruce Hemlock, Essential Oil is free of Alcohol.
Animal Testing	O&3 can confirm that Spruce Hemlock, Essential Oil has not been Animal Tested for cosmetic purposes by or on behalf of the company, nor has any of its component parts named in the International Cosmetic Ingredient Dictionary & Handbook (11th Edition), 31st December 1990.
BSE/TSE Status	O&3 can confirm that Spruce Hemlock, Essential Oil is not derived from Animal Origin, therefore a BSE/TSE statement is not applicable.
Calif Proposition 65	O&3 can confirm to their best of their knowledge that Spruce Hemlock, Essential Oil does not contain any contaminants or bi-products known to the State of California that may cause cancer or reproductive toxicity as listed under proposition 65 State Drinking Water & Toxic Enforcement Act.
CAS Number	Not Listed.
Chloramphenicol Residue	O&3 can confirm that Spruce Hemlock, Essential Oil is free from Chloramphenicol residues.
CITES Status	O&3 can confirm that Spruce Hemlock, Essential Oil is not endangered & therefore not applicable for CITES certification.
Classification, Labelling & Packaging (CLP)	O&3 can confirm that Spruce Hemlock, Essential Oil complies with Regulation (EC) no 1272/2008; classification, labelling & packaging of substances and mixtures (CLP).
CMR Status	O&3 can confirm that Spruce Hemlock, Essential Oil is not classified as carcinogenic, mutagenic or toxic according to regulation 1272/2008.
Cosmetic Status	O&3 can confirm that Spruce Hemlock, Essential Oil is suitable for cosmetic application. It is not included in the list of substances prohibited in cosmetic products. Neither does it contain parabens, restricted preservatives, colorants or UV filters (Annex II - VI of EU Regulation 1223/2009).
Customs Tariff Code	3301 2941
EINCS Number	Not Listed.
Ethylene Oxide Status	O&3 can confirm that Ethylene Oxide is not being used in production process of Spruce Hemlock, Essential Oil.
Food Status	O&3 can confirm that Spruce Hemlock, Essential Oil is not a food grade product, however it is suitable for cosmetic application. It is not included in the list of substances prohibited in cosmetic products. Neither does it contain parabens, restricted preservatives, colorants or UV filters (Annex II - VI of EU Regulation 1223/2009). Food Grade ingredients are available on request.
Functionality	Anti-Inflammatory, Stress Relief, Warming
Gluten Free	O&3 can confirm that Spruce Hemlock, Essential Oil is not derived from, neither does it contain any Gluten ingredients.
Gluten Free Statement	O&3 can confirm that Spruce Hemlock, Essential Oil is not derived from, neither does it contain any Gluten ingredients.
GMO (IP) Status	O&3 can confirm that Spruce Hemlock, Essential Oil is not derived/produced from a raw material that has been genetically modified.
HACCP & GMP Statement	O&3 can confirm that Spruce Hemlock, Essential Oil has been produced under Good Manufacturing Practices (GMP) and a HACCP system. O&3 is BRC certified.
Hair Benefits	Hemlock spruce essential oil can be used in hair care products to invigorate the scalp and promote a sense of vitality.
Halal	O&3 can confirm this product is not Halal certified, however it does not contain any animal derived product or ingredient, hence it is HALAL applicable.
INCI Listing	Tsuga Canadensis Leaf Oil

The attached information is considered to be correct. Please be aware that detail can change and we encourage clients to update their technical records regularly via [www.oand3.com/products/](http://www.oand3.com/products/).

The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. It is the ultimate responsibility of the client to pre-approve & assess the safety and suitability of the listed ingredient before use in any final formulations. We encourage carrying out additional tests if necessary. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from O&3.

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Irradiation Status	O&3 can confirm that Spruce Hemlock, Essential Oil has not been Irradiated during its production process.
Karanal Status	O&3 can confirm that Spruce Hemlock, Essential Oil is free from Karanal.
Key Essential Fatty Acid Compounds	Alphas
Kosher	O&3 can confirm that Spruce Hemlock, Essential Oil is not Kosher Certified.
Leaping Bunny	O&3 can confirm that Spruce Hemlock, Essential Oil complies with the criteria of the Humane Cosmetics Standard & has not been tested or re-tested on animals for cosmetic purposes by or on behalf of O&3.
Manufacturing Method	Steam Distilled
Methyl Salicylate Status	O&3 can confirm that Spruce Hemlock, Essential Oil is free from Methyl Salicylate.
Microbiological & PAH Status & Heavy Metals & Pesticides	O&3 can confirm that Spruce Hemlock, Essential Oil does not have a micro specification because the product was sterilized in the production process. We can confirm that there is no detectable amounts of pesticides. It is produced from natural raw material and complies within the limits of the oil-related requirements of European Regulation 2023/915 regarding heavy metals, dioxins, dioxin-like PCBs, Benzo-a-pyrene & PAH.
Mycotoxins Status	O&3 can confirm that Spruce Hemlock, Essential Oil is compliant with the requirements of the Regulation (EC) N° 2023/915. We can confirm this product is free from: Aflatoxins, Ergot alkaloids, Patulin, Alternaria toxins, Ochratoxin A, Fusarium toxins.
Nagoya Protocol	O&3 can confirm that this material does not fall into the scope of EU ABS Regulation (EU) No 511/2014 (also known as the Nagoya Protocol).
Nanomaterials Status	O&3 can confirm with reference to Spruce Hemlock, Essential Oil that no Nanomaterials were added at any stage of the manufacturing/production process, in accordance with EU Cosmetics Regulation.
Organic	Not applicable to this grade of product. Organic versions are available on request, please see our Organic category.
Origin Statement	O&3 can confirm that Spruce Hemlock, Essential Oil Origin is Canada.
Palm Status	O&3 can confirm that palm oil has not been used in the process of manufacturing Spruce Hemlock, Essential Oil.
Parabens Status	O&3 can confirm that Spruce Hemlock, Essential Oil is free from Parabens.
Product Page Intro	Unearth the captivating allure of Spruce Hemlock, Essential Oil, a pure, undiluted essence that captures the fresh, uplifting aroma of the forest. This oil possesses a woody, citrusy fragrance with a hint of sweetness, evoking a sense of revitalisation and connection to nature. It is also known for its anti-inflammatory and antiseptic properties make it an excellent choice for muscle aches and skin irritations. Its uplifting and stimulating qualities can help relieve mental fatigue and boost energy levels. In aromatherapy, Spruce Hemlock, Essential Oil is used to promote clear thinking, enhance focus, and reduce stress and is often incorporated into formulations that create a refreshing and invigorating atmosphere in homes and offices. Contact us today for a quote or order a sample and elevate your products with Spruce Hemlock, Essential Oil.
Product Status	Pure & Natural.
Pyrrolizidine Alkaloids Status	O&3 can confirm that Spruce Hemlock, Essential Oil is free from any Pyrrolizidine Alkaloids.
REACH Status	Exempt 1T Per annum.
Residual Solvents	O&3 can confirm that no solvents or preservatives have been used in the production of Spruce Hemlock, Essential Oil.
Skin Benefits	Hemlock spruce essential oil has soothing and calming properties, making it beneficial for relaxation and grounding. It can help soothe and rejuvenate the skin, promoting a healthy and balanced complexion.

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SVHC (Substances of Very High Concern) & Impurities Status	O&3 can confirm that Spruce Hemlock, Essential Oil is free from of SVHC and any impurities.
Vegan	O&3 can confirm that Spruce Hemlock, Essential Oil is suitable for Vegans.
Natural Index	1
Natural Content	100%

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