

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING
PRODUCT IDENTIFIER

Product Name	Rainforest Blue Oil
Other Names	Dysoxylum fraserianum, Dysoxylum fraserianum Wood Oil
CAS No	not allocated
EINECS No	not allocated


DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Registered distributor company name	Pure Ingredients Ltd	Pure Nature
Address	626A Rosebank Road, Avondale 1026	626A Rosebank Road, Avondale 1026
Telephone	+64 9 813 5619	+64 9 813 9412
Website	www.pureingredients.co.nz	www.purenature.co.nz
Email	compliance@pureingredients.co.nz	info@purenature.co.nz

EMERGENCY TELEPHONE NUMBER

Association / Organisation	0800 CHEMCALL / 0800 243 622 (24hr)
Emergency telephone numbers	111
Other emergency telephone numbers	0800 764 766

SECTION 2 HAZARDS IDENTIFICATION

GHS / HSNO Hazard Classification	Serious Eye Damage/Eye Irritation. Cat. 2A
HSNO Approval Number	Not classified
Hazard Nature	This product is classified as NON DANGEROUS under HSNO criteria
Pictogram(s)	
Signal Word	WARNING
Hazard Statement(s)	H319 Causes serious eye irritation
Prevention Statements(s)	P262 Do not get in eyes, on skin, or on clothing P264 Wash contacted areas thoroughly after handling P280 Wear protective gloves/protective clothing/eye protection/face protection.
Response Statement(s)	P337 If eye irritation persists, seek medical attention P353 Rinse skin or shower with water P301 + P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P377 + P313 If eye irritation persists, get medical advice P370+P378 In case of fire, use carbon dioxide, dry chemical, foam
Storage Statement(s)	P410 Protect from sunlight P402+P404 Store in a dry place. Store in a closed container P403 + P235 Store in a well-ventilated place. Keep cool
Disposal Statement(s)	P501 Dispose of contents/container in accordance with local/national/international regulations.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

INCI	CAS No.	EINECS	Range %
Dysoxylum fraserianum Wood Oil	2455482-62-7	Not allocated	100%

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5-day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

SECTION 4 FIRST AID MEASURES

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

General Information	Always remove contaminated clothing immediately.
Skin contact	▶ Wash gently and thoroughly with water (use non-abrasive soap if necessary) for 5 minutes or until chemical is removed.
Eye contact	▶ Flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes while holding the eyelid(s) open; ▶ Obtain medical advice if irritation becomes painful or lasts more than a few minutes; ▶ Take special care if exposed person is wearing contact lenses.
Ingestion	▶ If product is swallowed or gets in mouth, do NOT induce vomiting; ▶ Wash mouth with water and give some water to drink; ▶ If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.
Inhalation	▶ First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: Treat symptomatically.

SECTION 5 FIREFIGHTING MEASURES

General information	Water spray or fog; Foam; Dry chemical powder; BCF (where regulations permit).
Advice for Fire-Fighters	FIRE FIGHTING: ▶ Alert Fire Brigade and tell them location and nature of hazard; FIRE/EXPLOSION HAZARD: ▶ The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases; ▶ There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. ▶ Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures
UPPER FLAMMABILITY LIMIT:	Approximately 117°C
LOWER FLAMMABILITY LIMIT:	No data available
AUTOIGNITION TEMPERATURE:	No data available
FLAMMABILITY CLASS:	Not flammable (GHS); 4 C2 combustible (AS 1940)

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions	See Section 8
Accidental Release	MINOR SPILLS: ▶ Minor spills do not normally need any special clean-up measures; MAJOR SPILLS: ▶ In the event of a major spill, prevent spillage from entering drains or water courses;

SECTION 6 ACCIDENTAL RELEASE MEASURES

Methods of Material for contamination and clean up	<ul style="list-style-type: none"> ▶ Stop leak if safe to do so, and contain spill; ▶ Absorb onto sand, vermiculite or other suitable absorbent material; ▶ If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways; ▶ Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly; ▶ Can be slippery on floors, especially when wet; ▶ Recycle containers wherever possible after careful cleaning; ▶ After spills, wash area preventing runoff from entering drains; ▶ If a significant quantity of material enters drains, advise emergency services; ▶ This material may be suitable for approved landfill; ▶ Ensure legality of disposal by consulting regulations prior to disposal; ▶ Thoroughly launder protective clothing before storage or re-use; ▶ Advise laundry of nature of contamination when sending contaminated clothing to laundry; ▶ Exothermic reactions leading to spontaneous combustion are possible when products of this type are absorbed onto porous materials such as zeolites, other mineral derived products, and even rags; ▶ Therefore, avoid the use of those materials and seek specialist advice in large scale clean-up processes.
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SECTION 7 HANDLING AND STORAGE

Handling	<ul style="list-style-type: none"> ▶ Keep exposure to this product to a minimum, and minimise the quantities kept in work areas; ▶ Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed; ▶ The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace; ▶ Also, avoid contact or contamination of product with incompatible materials listed in Section 10.
Storage	<ul style="list-style-type: none"> ▶ Store packages of this product in a cool place; ▶ Make sure that containers of this product are kept tightly closed; ▶ Keep containers dry and away from water; ▶ Keep containers of this product in a well-ventilated area; ▶ Protect this product from light; ▶ Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10; ▶ Check packaging - there may be further storage instructions on the label. <p>STORAGE INCOMPATIBILITY: Avoid reaction with oxidising agents X: Must not be stored together; O: May be stored together with specific preventions; +: May be stored together</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> Flammable +</div> <div style="text-align: center;"> Explosive X</div> <div style="text-align: center;"> Poison O</div> <div style="text-align: center;"> Oxidising O</div> <div style="text-align: center;"> Respiratory +</div> <div style="text-align: center;"> Warning +</div> <div style="text-align: center;"> Corrosive +</div> </div>

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters	The product is not classified. No control parameters are to be mentioned.
SW Exposure Limits	<ul style="list-style-type: none"> ▶ TWA (mg/m3); ▶ STEL (mg/m3).
Eye and Face Protection	<ul style="list-style-type: none"> ▶ Safety glasses with side shield; ▶ Chemical goggles; ▶ Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task.
Skin Protection	See Hand Protection below.
Hand and Feet Protection	<ul style="list-style-type: none"> ▶ Wear chemical protective gloves, e.g. PVC; ▶ Wear safety footwear or safety gumboots, e.g. Rubber; ▶ The selection of suitable gloves does not only depend on the material, but also on further marks of quality, which vary from manufacturer to manufacturer; ▶ Where the chemical is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application; ▶ The exact break through time for substances has to be obtained from the manufacturer of the protective gloves and has to be observed when making a final choice; ▶ Personal hygiene is a key element of effective hand care.
Engineering Measures	<ul style="list-style-type: none"> ▶ Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide third high level of protection; ▶ The basic types of engineering controls are; Process controls which involve changing the way a job activity or process is done to reduce the risk; ▶ Enclosure and/or isolation of emission source which keeps a selected hazard 'physically' away from the worker and ventilation that strategically 'adds' and 'removes' air in the work environment

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protection	
Body Protection	See Other Protection below.
Other	Overalls; PVC Apron; Barrier Cream.
Standards:	The following Australian Standards will provide general advice regarding safety clothing and equipment:
AS/NZS 1715:	Respiratory Equipment
AS 1161:	Protective Gloves
AS2919:	Industrial Clothing
AS1336/AS/NZ S 1337:	Industrial Eye Protection
AS/NZS2210:	Occupational Protective Footwear

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

PHYSICAL/CHEMICAL PROPERTIES	RESULT	PHYSICAL/CHEMICAL PROPERTIES	RESULT
APPEARANCE:	Mobile liquid	BOILING POINT RANGE:	Not available
ODOUR:	Characteristic	FLAMMABILITY LIMITS:	Not available
COLOUR:	See product specification	AUTO-IGNITION TEMPERATURE:	Not available
TASTE:	Not determined	VAPOUR PRESSURE:	No data available
REFRACTIVE INDEX @20°C:	See product specification	VAPOUR DENSITY:	Not available
SPECIFIC GRAVITY @20°C:	See product specification	VOLATILITY:	No data available
WATER SOLUBILITY:	Soluble	ODOUR THRESHOLD:	No data available
FLASH POINT:	117.5°C	EVAPORATION RATE:	No data available
EVAPORATION RATE:	Non-volatile	COEFF OIL/ WATER DISTRIBUTION	No data available
PH:	See product specification	OPTICAL ROTATION	See product specification
MELTING/FREEZING POINT:	Not available		

SECTION 10 STABILITY AND REACTIVITY

Reactivity	<ul style="list-style-type: none"> ▶ This product is unlikely to react or decompose under normal storage conditions; ▶ However, if you have any doubts, contact the supplier for advice on shelf life properties.
Conditions to avoid	<ul style="list-style-type: none"> ▶ This product should be kept in a cool place, preferably below 30°C; ▶ Keep containers tightly closed; ▶ Containers should be kept dry; ▶ Keep containers and surrounding areas well ventilated; ▶ Protect this product from light.
Incompatible materials	<ul style="list-style-type: none"> ▶ Strong oxidising agents, porous materials such as zeolites and similar mineral products, rags
Hazardous decomposition products	See Section 5

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Toxicity	<p>INHALED:</p> <ul style="list-style-type: none"> ▶ The material can cause respiratory irritation in some persons. The body's response to such irritation can cause further lung damage; ▶ Not normally a hazard due to non-volatile nature of product. <p>INGESTION:</p> <ul style="list-style-type: none"> ▶ Although ingestion is not thought to produce harmful effects. Available data shows that this product is not harmful. However, this product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort. ▶ Ingestion of large quantities may cause nausea, diarrhoea and vomiting. <p>SKIN CONTACT:</p> <ul style="list-style-type: none"> ▶ Available data indicates that this product is not harmful. It should present no hazards in normal use. However product may be irritating, but is unlikely to cause anything more than mild transient discomfort. <p>EYE CONTACT:</p> <ul style="list-style-type: none"> ▶ This product is expected to cause serious eye irritation. Irritation, stinging, reddening and watering may occur if small quantities get into the eyes. If removed promptly, these symptoms are expected to gradually subside, but prolonged contact may result in permanent effects. <p>CARCINOGEN STATUS:</p> <ul style="list-style-type: none"> ▶ SWA: No significant ingredient is classified as carcinogenic by SWA. ▶ NTP: No significant ingredient is classified as carcinogenic by NTP. ▶ IARC: No significant ingredient is classified as carcinogenic by IARC.
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SCCNFP ALLERGENS ANNEX III – COSMETIC DIRECTIVE 2003/15/EC

 7th Amendment Detection Limit 0.001%

CONSTITUENT	IFRA	EFFA	CAS	EC	RANGE
Amyl Cinnamal:	Yes	No	122-40-7	204-541-5	Not detected
Amyl Cinnamyl Alcohol:	Yes	No	101-85-9	202-982-8	Not detected
Anise Alcohol:	No	Yes	105-13-5	203-273-6	Not detected
Benzyl Alcohol:	No	Yes	100-51-6	202-859-9	Not detected
Benzyl Benzoate:	No	Yes	120-51-4	204-402-9	Not detected
Benzyl Cinnamate:	No	Yes	103-41-3	203-109-3	Not detected
Benzyl Salicylate:	No	Yes	118-58-1	204-262-9	Not detected
Cinnamal:	Yes	Yes	104-55-2	203-213-9	Not detected
Cinnamyl Alcohol:	Yes	Yes	104-54-1	203-212-3	Not detected
Citral:	Yes	Yes	5392-40-5	226-394-6	Not detected
Citronellol:	No	Yes	5392-40-5	203-375-0	Not detected
Coumarin:	No	Yes	91-64-5	202-086-7	Not detected
Eugenol:	Yes	Yes	97-53-0	202-589-1	Not detected
Farnesol:	Yes	Yes	4602-84-0	225-004-1	Not detected
Geraniol:	No	Yes	106-24-1	203-377-1	Not detected
Hexyl Cinnamal:	Yes	No	101-86-0	202-983-3	Not detected
Hydroxycitronellal:	Yes	No	107-75-5	203-518-7	Not detected
Isoeugenol:	Yes	Yes	97-54-1	202-590-7	Not detected
Butylphenyl Methylpropional:	Yes	No	80-54-6	201-289-8	Not detected
d-Limonene:	Yes	Yes	5989-27-5	227-813-5	Not detected
Linalool:	Yes	Yes	78-70-6	201-134-4	Not detected
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde:	No	No	31906-04-4	250-863-4	Not detected
Methyl 2-Octynoate:	Yes	No	111-12-6	203-836-6	Not detected
Alpha-Isomethyl Ionone:	Yes	No	127-51-5/ 90028-68-5	204-846-3/ 289-861-3	Not detected
Evernia Prunastri Extract [Oakmoss]:	Yes	No	9000-50-4/ 6817-10-2		Not detected
			90028-67-4/	289-860-8	
Evernia Furfuracea Extract[Treemoss]:	Yes	No	68648-41-9		Not detected

ADDITIONAL EFFA LISTED SENSITISERS & IFRA NOTIFIABLE SUBSTANCES

Detection Limit 0.001%

CONSTITUENT	IFRA	EFFA	CAS	EC	RANGE
No Additional Sensitisers:	No	No	Not allocated	Not allocated	Not detected
No Additional Notifiable Substances:	No	No	Not allocated	Not allocated	Not detected

SECTION 12 ECOLOGICAL INFORMATION

Insufficient data to be sure of status

SECTION 13 DISPOSAL CONSIDERATION

Waste treatment methods	<ul style="list-style-type: none"> ▶ This product may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use; ▶ If it has been contaminated, it may be possible to reclaim the product by filtration, distillation or some other means. If neither of these options is suitable in-house, consider controlled incineration, or contact a specialist waste disposal company.
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SECTION 14 TRANSPORT INFORMATION

LABELS REQUIRED	MARINE POLLUTANT:	No
	HAZCHEM:	Not applicable
	LAND TRANSPORT :	Not regulated for transport of Dangerous Goods
	AIR TRANSPORT [ICAO-IATA/DGR];	Not regulated for transport of Dangerous Goods
	SEA TRANSPORT [IMDG-Code/GGVSee]:	Not regulated for transport of Dangerous Goods
	UN NUMBER:	Not required
	PROPER SHIPPING NAME:	Not required
	TECHNICAL SHIPPING NAME:	Not applicable
	DG CLASS/SUBSIDIARY RISK:	Not applicable
	PACKAGING GROUP:	Not allocated
	SPECIAL PRECAUTIONS:	Not established
	HAZCHEM CODE:	Not allocated
HS Code:	3301.29.60	

SECTION 15 REGULATORY INFORMATION

HS Code: 3301.29.60

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE	<p>The substance is not listed as a hazardous chemical under the following international agreements:</p> <ul style="list-style-type: none"> ▶ Montreal Protocol on Substances that Deplete the Ozone Layer; ▶ Stockholm Convention on Persistent Organic Pollutants; ▶ Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade; ▶ Basel convention on the Control of Trans boundary Movements of Hazardous Wastes and their Disposal; ▶ International Convention for the Prevention of Pollution from Ships (MARPOL); ▶ Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP); ▶ Agriculture and Veterinary Chemicals Code Act 1994;
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NATIONAL INVENTORY	COUNTRY	STATUS
New Zealand Inventory (NZIoC):	NEW ZEALAND	*

SECTION 16 OTHER INFORMATION

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.

Reference: Supplier's SDS.

v00: 16/06/2021 PIL. SDS SA272

Pure Ingredients Ltd