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

PRODUCT IDENTIFIER

Product Name	Kakadu Plum Infused Oil
INCI Name	Terminalia Ferdinandiana Seed Oil
CAS No	1542150-12-8
EINECS No	-

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	Not applicable
Hazard Nature	Non-hazardous
Pictogram(s)	Not applicable
Signal Word	Not applicable
Hazard Statement(s)	Not applicable
Prevention Statements(s)	Not applicable
Response Statement(s)	Not applicable
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 %
Carthamus tinctorius (Safflower) Seed Oil	8001-23-8	232-276-5	72-92
Terminalia ferdinandiana Seed	1542150-12-8	-	7.0-27%
Mixed Tocopherols 95%	1406-66-2	-	0.5 – 1.0%

Cellular Extraction of Terminalia Ferdinandiana Seed.

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	▸ Wash out immediately with fresh running water; ▸ Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids; ▸ Seek medical attention without delay; if pain persists or recurs seek medical attention; ▸ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel

SECTION 4 FIRST AID MEASURES

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

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).
Special hazards	FIRE INCOMPATIBILITY: Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result.
Advice for Fire-Fighters	FIRE FIGHTING: If a significant quantity of this product is involved in a fire, call the fire brigade. FIRE/EXPLOSION HAZARD: ► Combustible; ► Slight fire hazard when exposed to heat or flame; ► Heating may cause expansion or decomposition leading to violent rupture of CONTAINERS; ► On combustion, may emit toxic fumes or carbon monoxide (CO); ► Combustion products include; carbon dioxide (CO_2) acrolein, other pyrolysis products typical of burning organic material. May emit poisonous fumes. May emit corrosive fumes.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions	▸ As a minimum, wear overalls, goggles and gloves; ▸ Suitable materials for protective clothing include no specific manufacturer recommendations; ▸ Use impermeable gloves with care; ▸ Eye/face protective equipment should comprise, as a minimum, protective glasses and, preferably, goggles; ▸ If there is a significant chance that vapours, or mists are likely to build up in the clean-up area, we recommend that you use a respirator; ▸ Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned below (section 8).
Environmental precautions	▸ Minor spills do not normally need any special clean-up measures; ▸ In the event of a major spill, prevent spillage from entering drains or water courses;
Methods & material for containment and cleaning up	▸ 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.

SECTION 7 HANDLING AND STORAGE

Handling	▸ 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.

SECTION 7 HANDLING AND STORAGE

Storage	▸ 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.  Flammable +; Explosive X; Poison O; Oxidising O; Respiratory +; Warning +; Corrosive +

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters	The product is not classified. No control parameters are to be mentioned.
Eye Protection	Eye protection such as protective glasses or goggles should be worn when there is a chance of irritant levels of vapours being generated. However, it would be better to remove the vapours or avoid their generation.
Skin Protection	See Hand Protection below.
Respiratory Protection	▸ Usually, no respirator is necessary when using this product; ▸ However, if you have any doubts consult the Australian Standard mentioned above.
Engineering Measures	▸ 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
Personal Protection	
Ventilation	This product should only be used in a well-ventilated area. If natural ventilation is inadequate, use of a fan is suggested.
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
AS1336/AS/NZS 1337:	Industrial Eye Protection
AS1336/AS/NZS 1337:	Industrial Eye Protection

THERMAL HAZARDS: Not available

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

PHYSICAL/CHEMICAL PROPERTIES	RESULT	PHYSICAL/CHEMICAL PROPERTIES	RESULT
APPEARANCE:	Viscous 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	DENSITY:	Not available
SPECIFIC GRAVITY @20°C:	See product specification	VISCOSITY, KINEMATIC:	No data available
WATER SOLUBILITY:	Soluble	OXIDISING PROPERTIES:	Not oxidising
FLASH POINT:	<100°C [Closed cup]	EXPLOSIVE PROPERTIES:	Not explosive
EVAPORATION RATE:	Non-volatile	BULK DENSITY:	Not applicable
PH:	See product specification	RELATIVE VAPOUR DENSITY:	No data available
MELTING/FREEZING POINT:	Not available		

SECTION 10 STABILITY AND REACTIVITY

Reactivity	See Section 7
Chemical stability	This product is chemically stable
Possibility of hazardous reactions	See Section 7
Conditions to avoid	See Section 7
Incompatible materials	See Section 7
Hazardous decomposition products	See Section 5

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Toxicity	**INHALED:** Not expected to be an irritant. **INGESTION:** See Section 4. **SKIN CONTACT**: ‣ The material may accentuate any pre-existing dermatitis condition; ‣ Skin contact is not thought to have harmful health effects (as classified under EC Directives); the material may still produce health damage following entry though wounds, lesions or abrasions; ‣ Open cuts abraded, or irritated skin should not be exposed to this material; ‣ Entry into the blood stream, though, for example, cuts abrasions or lesions, following direct contact or after a delay of some time. Repeated exposure can cause contact dermatitis, which is characterised by redness, swelling and blistering. **EYE:** ‣ Evidence exits, or practical experience predicts, that the material may cause eye irritation in a substantial number of individuals; ‣ Prolonged eye contact may cause inflammation characterised by a temporary redness of the conjunctiva (similar to windburn). **CHRONIC:** ► Long term exposure to respiratory irritants may result in disease of the airways involving difficult breathing and related systemic problems; ► Substance accumulation, in the human body, may occur and may cause some concern following or long-term occupational exposure.

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

ECO-TOXICITY: None established, use according to good working practices, avoid pollution to soil, rivers and the ocean.

PERSISTENCE AND DEGRADABILITY:
- LOW persistence level Water/Soil/Air, use according to good working practice; pollution to soil, rivers and the ocean.

BIO-ACCUMULATIVE POTENTIAL: None established.

MOBILITY IN SOIL: None established

SECTION 13 DISPOSAL CONSIDERATION

Waste treatment methods	PRODUCT/PACKAGING DISPOSAL: ▸ Legislation addressing waste disposal requirements may differ by country, state and/or territory. Each user must refer to laws operating in their area. In some areas, certain wastes must be tracked; ▸ A Hierarchy of Control seems to be common – the user should investigate: ▸ Reduction, reuse, recycle, disposal [if all else fails]. ▸ DO NOT allow wash water from cleaning or process equipment to enter drains. ▸ It may be necessary to collect all wash water for treatment before disposal; ▸ In all cases disposal to sewer may be subject to local laws and regulations and these should be considered first; ▸ Where in doubt contact the responsible authority; ▸ Recycle wherever possible or consult manufacturer for recycling options; ▸ Consult State Land Waste Authority for disposal; ▸ Bury or incinerate residue at an approved site; ▸ Recycle containers if possible or dispose of in an authorised landfill.

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/SUBSIDARY RISK:	Not applicable
	PACKAGING GROUP:	Not allocated
	SPECIAL PRECAUTIONS:	Not established
	HAZCHEM CODE:	Not allocated

SECTION 15 REGULATORY INFORMATION

HSNO Approval Number: HSR002552

HS Code: 1515.90.94

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE	The substance is not listed as a hazardous chemical under the following international agreements: ▸ 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 Was 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; ▸ Australian Inventory of chemical Substances (AICS).

SUBSTANCE CHEMICAL NAME	
Terminalia ferdinandiana Seed Oil	
NATIONAL INVENTORY	**COUNTRY**
Australian Inventory of Chemical Substances (AICS):	AUSTRALIA
Domestic Substances List (DSL):	CANADA
Non-Domestic Substances List (NDSL):	CANADA
Inventory of Existing Chemical Substances Produced for Imported to China (IECSC):	CHINA
European Chemicals Agency (ECHA-EINECS-ELINCS-NLP-COSING):	EUROPE
Japanese Existing and New Chemical Substances Inventory (ENCS):	JAPAN
Korea Existing Chemicals Inventory (KECI):	SOUTH KOREA
New Zealand Inventory (NZIoC):	NEW ZEALAND
Philippines Inventory of Chemicals and chemical Substances (PICCS):	THE PHILLIPPINES
Toxic Substances Control Act (TSCA):	USA
Taiwan Chemical Substance Inventory (TCSI):	TAIWAN
Vietnam National Chemical Database System	VIETNAM

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: 01/07/2022 PIL. SDS SA272