

DAIKON RADISH OIL – SAFETY DATA SHEET

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

PRODUCT IDENTIFIER

Product name	Daikon Radish Oil
INCI name	Raphanus Sativus

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Registered distributor company name	Pure Ingredients Ltd
Address	626A Rosebank Road, Avondale, Auckland 1026 New Zealand
Telephone	+649 8135619
Website	www.pureingredients.co.nz
Email	compliance@pureingredients.co.nz

EMERGENCY TELEPHONE NUMBER

CHEMICAL	0800 CHEMICAL / 800 243 622 (24hr)
Emergency telephone numbers	111
Other emergency telephone numbers	NZ Poisons Centre 0800 POISON (0800 764 766)

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture	
Classification (67/548/EEC)	None
Classification (EU 1272/2008)	None
Label elements; Label in accordance with Regulation (EC) No 1272/2008	
GHS Label:	No signal word, pictograms, hazard or safety phrases required (EU Regulation. 1272/2008 CLP)
Signal word:	None
Hazard Statements:	None
Precautionary Statements:	None
Other Hazards	No risk worthy of mention.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

INCI Name	Raphanus Sativus Seed Oil	Application	Cosmetic raw material, Manufacture of cosmetic products, use of cosmetic products
CAS No	84775-94-0	EC No	283-918-6
Concentration	≤ 100 (w/w)	Substances	Natural plant extract.

SECTION 4 FIRST AID MEASURES

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

General information:	In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible). Take off immediately all contaminated clothing.
Following inhalation:	Move victim to fresh air. Put victim at rest and keep warm. Seek medical attention if problems persist.
Following skin contact:	After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.
After eye contact:	No special measures are necessary. In case of eye irritation consult an ophthalmologist.
After ingestion:	Rinse mouth immediately and drink large quantities of water. Seek medical attention if problems persist
Notes for the doctor:	Have victim drink large quantities of water, with active charcoal if possible.
Special treatment:	First Aid, decontamination, treatment of symptoms.

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SECTION 5 FIREFIGHTING MEASURES

Extinguishing Media	Carbon dioxide (CO ₂). Dry extinguishing powder. Foam.
Unsuitable Extinguishing Media	Water fog. High power water jet. Water.
Special hazards arising from the substance or mixture	Pyrolysis products, toxic. Carbon dioxide. Carbon monoxide.
Advice for firefighters	General Information: Move undamaged containers from immediate hazard area if it can be done safely. Special Protective Equipment: In case of fire: Wear self-contained breathing apparatus. Additional Information: Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear personal protection equipment. Guide people to safety. Provide adequate ventilation. Remove all sources of ignition. High slip hazard because of leaking or spilled product.

Environmental precautions: Do not empty into drains or the aquatic environment. Do not allow to enter into soil/subsoil.

Methods and material for containment and cleaning up: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the assimilated material according to the section on waste disposal. Avoid generation of dust. Clear contaminated area thoroughly.

Reference to other sections: Safe handling: see section 7, Personal protection equipment: see section 8, Disposal: see section 13

SECTION 7 HANDLING AND STORAGE

7.1 Precautions for safe handling:

Advices on safe handling: Avoid contact with eyes.

Technical measures: Provide for sufficient ventilation and punctiform suction at critical points.

Precautions against fire and explosion: Usual measures for fire prevention.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions: No special technical protective measures are necessary.

Packaging materials: Keep/Store only in original container.

Requirements for storage rooms and vessels: Keep/Store only in original container. Keep container tightly closed.

Hints on joint storage: Do not store together with: Oxidizing agents. Keep away from food, drink and animal feeding stuffs.

Storage class: 10 Combustible liquids unless LGK 3A or 3B.

Further information on storage conditions: Protect against: heat. UV-radiation/sunlight.

7.3. Specific end use(s) Observe instructions for use.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters:

Risk Management measures according to used control banding approach: None.

Additional information: Does not contain substances above concentration limits fixing an occupational exposure limit.

8.2 Exposure controls

Occupational exposure controls: Technical measures and the application of adequate working methods take priority over the use of personal protection equipment.

General protection and hygiene measures: Do not eat, drink, smoke or sneeze at the workplace. Wash hands before breaks and at the end of work. Apply skin care products after work. Wash contaminated clothing prior to re-use.

Personal protection equipment: Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

Respiratory protection: Respiratory protection not required.

Hand protection: Tested protective gloves are to be worn: German Industry Norms (DIN) / European Norms (EN): DIN EN 374

Eye/face protection: Tightly sealed safety glasses.

Body protection: For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes). Only wear fitting, comfortable and clean protective clothing. Barrier creams are not substitutes for body protection.

Environmental exposure controls: refer to chapter 7. No further action is necessary.

Consumer exposure controls: refer to chapter 7. No further action is necessary.

Exposure Scenario: none

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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Colour	Yellow-golden
Odour	Characteristic like: oil
Odour Threshold	No data available
Density	No data available
Bulk density	Not applicable
pH	Not applicable
Melting point/freezing point	12°C
Initial boiling point and boiling range	No data available
Flash point	340°C
Flammability (solid, gas)	No data available
Explosivity: Lower explosion limit	No data available
Explosivity: Upper explosion limit	No data available
Ignition temperature	No data available
Decomposition temperature	No data available
Oxidizing potential	Not applicable
Vapour pressure	No data available
Vapour density	No data available
Evaporation rate	Not applicable
Water solubility	Not miscible
Fat solubility	Complete miscible
Soluble in	Not applicable
Partition coefficient: n-octanol/water	No data available
Viscosity at °C:40	42,4 cST
Solvent separation test	No data available
Solvent Content	No data available

SECTION 10 STABILITY AND REACTIVITY

Reactivity	None
Chemical stability	With proper storage and handling the product is stable
Possibility of hazardous reactions	None
Conditions to avoid	heat. UV-radiation/sunlight.
Incompatible materials	Oxidizing agents.
Hazardous decomposition products	Pyrolysis products, toxic. Carbon monoxide. Carbon dioxide
Additional information	None

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects: No information available.

Specific symptoms in laboratory animals: No information available.

Irritation and etching: Irritant effect on the skin Not an irritant. Irritant effect on the eye Not an irritant. Irritant effect on the respiratory tract Not an irritant. Additional information not corrosive

Sensitization: no danger of sensitization.

Repeated dose toxicity (subacute, sub chronic, chronic): No information available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction): Carcinogenicity, no indications of human carcinogenicity exist, Germ cell mutagenicity, no indications of human germ cell mutagenicity exist, Reproductive toxicity, no indications of human reproductive toxicity exist.

General remarks: none

Practical experience/ human evidence: none

Other observations: none

Other information: none

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SECTION 12 ECOLOGICAL INFORMATION

Toxicity	No information available.
Persistence and degradability	Easily biodegradable (concerning to the criteria of the OECD)
Bioaccumulative potential	No indication of bio-accumulation potential.
Mobility in soil	None
Results of PBT and vPvB assessment	This substance does not meet the criteria for classification as PBT or vPvB.
Other adverse effects	None
Further ecological information	Do not empty into drains or the aquatic environment. Do not allow to enter into soil/subsoil.

SECTION 13 DISPOSAL CONSIDERATION

Appropriate disposal/Product

Waste disposal according to EC Directives 75/442/EEC and 91/689/EEC on waste and hazardous waste in their latest versions.

Appropriate disposal / Package

Cleaned containers may be recycled. Handle contaminated packaging in the same way as the substance itself.

List of proposed waste codes/waste designations in accordance with EWC

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Waste code product: 20 01 26 - oil and fat other than those mentioned in 20 01 25

Waste code packaging: 15 01 06 - mixed packaging

Waste disposal according to official state regulations

SECTION 14 TRANSPORT INFORMATION

14.1. UN number: None

14.2. UN proper shipping name: Official directive for the transport: None Proper Shipping name: None

14.3. Transport hazard class(es): Hazard label(s): None Classification code: None

14.4. Packing group: None

14.5. Environmental hazards: None

14.6. Special precautions for user

Land transport (ADR/RID)

Remark: Not a hazardous material with respect to these transportation regulations.

Transport category: None Tunnel restriction code: None

Special provisions: None Limited quantity (LQ): None

Sea transport (IMDG)

Special Provisions: none

Remark: Not a hazardous material with respect to these transportation regulations.

EmS-No: none MFAG: None Marine pollutant: None

Special provisions: None Limited quantity (LQ): None

Air transport (ICAO-TI / IATA-DGR)

Remark: Nott a hazardous material with respect to these transportation regulations. Limited quantity (LQ): None

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Remark: None

SAFETY DATA SHEET**SECTION 15 REGULATORY INFORMATION**

Hazardous component(s) for labelling: Radish, ext.

Special labelling of particular preparations: Safety data sheet available for professional user on request.

Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline): None

Regulation (EC) No 2037/2000 concerning materials, which cause damage to the ozone layer: None

Regulation (EC) No. 648/2004 (Detergents regulation): None

National regulations: Observe in addition any national regulations

Restrictions of occupation: None

Storage class: 10 Combustible liquids unless LGK 3A or 3B.

Water hazard class (WGK): 1 weak water pollutant (WGK 1)

Other regulations, restrictions and prohibition regulations

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.

References:

Manufactures Safety Data Sheet

Version: 00 Revision Date: 15/03/2018: PIL SA036 SDS 0121012015, New issue.

Version: 01 Revision Date: 30/06/2020: PIL SDS Change of address - no changes to SDS