

SEA BUCKTHORN FRUIT OIL REF – SAFETY DATA SHEET

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

PRODUCT IDENTIFIER

Product name	Sea Buckthorn Fruit Oil Refined
Use	Food, healthcare, pharmaceutical and cosmetic formulations.

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

CHEMCALL	0800 CHEMCALL / 800 243 622 (24hr)
Emergency telephone numbers	111
Others	NZ Poisons Centre 0800 POISON (0800 764 766)

SECTION 2 HAZARDS IDENTIFICATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.
Based on available information, not classified as hazardous according to Safe Work Australia;
NON-HAZARDOUS SUBSTANCE.
Poisons Schedule (SUSMP): None allocated.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Product Name	Seabuckthorn berry oil	Vegetable Oil Triglycerides:	100%
CAS No	90106-68-6	Hazardous components:	None

SECTION 4 FIRST AID MEASURES

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

Inhalation	Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.
Ingestion	Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice.
Skin Contact	If skin or hair contact occurs, remove contaminated clothing and wash skin and hair with soap and water. If irritation occurs seek medical advice.
Eye Contact	If in eyes, wash out immediately with water. In all cases of eye contamination, it is a sensible precaution to seek medical advice.

SECTION 5 FIREFIGHTING MEASURES

Special protective equipment and precautions for fire-fighters	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion. Keep containers cool with water spray.
Extinguishing Media	Suitable Extinguishing Media: Normal foam, dry agent (carbon dioxide, dry chemical powder). Unsuitable Extinguishing Media: Water jet.
Specific hazards arising from the substance of mixture	Combustible liquid. On burning will emit toxic fumes, including those of oxides of carbon .

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SECTION 6 ACCIDENTAL RELEASE MEASURES

Emergency procedures/Environmental precautions: Shut off all possible sources of ignition. If contamination of sewers or waterways has occurred advise local emergency services.

Personal precautions/Protective equipment/Methods and materials for containment and cleaning up: Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

SECTION 7 HANDLING AND STORAGE

Classified as a C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

Precautions for safe handling: Avoid skin and eye contact and breathing in vapour, mists and aerosols.

Conditions for safe storage, including any incompatibilities: Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from sources of heat or ignition. Store away from incompatible materials described in Section 10. Keep containers closed when not in use -check regularly for leaks.

SECTION 8 EXPOSURE CONTROL / PERSONAL PROTECTION

Vegetable oil mists (except castor oil, cashew nut or similar irritant oils): 8hr TWA = 10 mg/m³

As published by Safe Work Australia Workplace Exposure Standards for Airborne Contaminants.

TWA - The time-weighted average airborne concentration of a particular substance when calculated over an eight-hour working day, for a five-day working week.

These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Appropriate engineering controls:

Ensure ventilation is adequate to maintain air concentrations below Workplace Exposure Standards. If inhalation risk exists: Use with local exhaust ventilation or while wearing organic vapour/particulate respirator. Keep containers closed when not in use.

Individual protection measures, such as Personal Protective Equipment (PPE):

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors. OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.

Wear overalls, safety glasses and impervious gloves. If determined by a risk assessment an inhalation risk exists, wear an organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Colour	See product spec sheet.
Odour	See product spec sheet.
Odour Threshold	Not available
Solubility	Insoluble in water. Soluble in oil and ethanol
Specific Gravity	About 0.920@ 20°C
Flash Point (°C)	> 200°C (Pensky-Martens)

SECTION 10 STABILITY AND REACTIVITY

Reactivity	Oxidation with atmospheric oxygen. Formation of free fatty acids.
Chemical Stability	Stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerisation will not occur.
Conditions to Avoid	Avoid exposure to heat, sources of ignition, and open flame.
Incompatible Materials	Incompatible with strong oxidising agents

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SECTION 11 TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestions	No adverse effects expected, however, large amounts may cause nausea and vomiting.
Eye contact	May be an eye irritant.
Skin contact	Contact with skin may result in irritation.
Inhalation	Breathing in mists or aerosols may produce respiratory irritation.

Acute toxicity: No LD50 data available for the product.
Skin corrosion/irritation: Not expected to cause irritation.
Serious eye damage/irritation: Not expected to cause irritation.
Respiratory or skin sensitisation: Not expected to be a skin sensitizer.
Chronic effects: No information available for the product.
Mutagenicity: No known significant effects or critical hazards.
Carcinogenicity: No known significant effects or critical hazards.
Reproductive toxicity: No known significant effects or critical hazards.
Specific Target Organ Toxicity (STOT) - single exposure: No information available.
Specific Target Organ Toxicity (STOT) - repeated exposure: No information available.
Aspiration hazard: No information available.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity: Avoid contaminating waterways.
Persistence/degradability: The material is readily biodegradable.
Bioaccumulative potential: No information available.
Mobility in soil: No information available.

SECTION 13 DISPOSAL CONSIDERATION

Waste Disposal Methods: Refer to Waste Management Authority. Dispose of contents/container in accordance with local/regional/national/international regulations. Normally suitable for incineration by an approved agent.

SECTION 14 TRANSPORT INFORMATION

DOT Classification: Not regulated
Class/Division: Not restricted

SECTION 15 REGULATORY INFORMATION

Classification:
Based on available information, not classified as hazardous according to Safe Work Australia;
NON-HAZARDOUS SUBSTANCE.
Poisons Schedule (SUSMP): None allocated.
This material is listed on the Australian Inventory of Chemical Substances (AICS).

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:
Manufacturer's Safety Data Sheet

Version: 00 Revision Date: 05/ 06/ 2019: PIL SA085 SDS 0023042018, New issue.
Version: 01 Revision Date: 04/05/2020: PIL SDS Change of address - no changes to SDS.