

BLACKCURRANT SEED OIL – SAFETY DATA SHEET**SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING****PRODUCT IDENTIFIER**

| | |
|--------------|---|
| Product name | Blackcurrant Seed Oil |
| Product Use | Component of: cosmetic products, and pharmaceutical products. |

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

| | |
|---------------|---|
| Supplier 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 Hazardous material and does not contain any known hazardous ingredients.

Labelling according to EU Regulation 1272/2008 (GHS Labelling)

Signal word: None

Pictograms: None

Hazard Phrases: None

Safety Phrases: None

Others: None

Labelling according to EU Regulation EU 67/548

Hazard Symbol: None

Risk Phrases: None

Safety Phrases: None

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

| | | | |
|--|---|--------|---------------|
| INCI Name | Ribes Nigrum Seed Oil | EINECS | Not available |
| Classification accdg to EU Reg 1272/2008 and EU 67/548 | Not classified as a hazardous substance | % | 100% |

SECTION 4 FIRST AID MEASURES

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

| | |
|---|--|
| Inhalation | None |
| Skin contact | Clean skin with water and soap. |
| Eye contact | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs. |
| Ingestion | None |
| Most important symptoms and effects, both acute and delayed | No symptoms known. |

SECTION 5 FIREFIGHTING MEASURES

Suitable extinguishing media: Foam, dry chemical powder, carbon dioxide.

Unsuitable extinguishing media: Do not use direct water jet on burning material.

Special hazards arising from the substance or mixture: This product is made up of inflammable material with low risk. The product may only form ignitable mixtures or burn only upon heating above the flash point. However, minor contamination by lightly volatile hydrocarbons may increase the hazard. Ignition hazard at welding at the empty container.

Dangerous combustion residues: smoke, carbon monoxide, carbon dioxide

Advice for firefighters: In the case of fire: Use respirator.

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SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precaution: Remove sources of ignition, provide adequate ventilation, avoid contact with skin and eye contact

Land Spill: Shut off source. Prevent product from entering sewerage, water courses or low-lying areas. Take measures to reduce or prevent effects on ground water. Gather product mechanically if possible. Bind remaining's of the product with sand or other appropriate absorbent and remove. Dispose of product and contaminated absorbents in suitable containers, as directed in section 13.

Water Spill: Confine the spill immediately with booms. Warn other ships. Notify port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. In running waters, apply appropriate dispersants in accordance with local regulation.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling: Keep containers leak proof closed and dry. Protect against sun/light. Prevent spills and leakages to avoid slip hazard.

Conditions for safe storage, including any incompatibilities: Intrusion into soil to be avoided. Store the product in cool (max. at room temperature) and well-ventilated environment and keep away from sources of ignition. Provide suitable mechanical equipment for the safe handling of drums and heavy packages. Electrical equipment and fittings must comply with local regulations.

SECTION 8 EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control Parameters: None

Personal Protection: Respiratory/ Hand/ Eye / Physical Protection: No special measures required.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--|------------------------|---|----------------|
| Physical State / Appearance | See product spec sheet | Vapour pressure; | Not available |
| Odour threshold | Not available | Vapour density; | 0.92 at 20°C |
| pH-value | Not available | Relative density; | Not available |
| Melting point / freezing point | Not available | Solubility(ies); | Soluble in oil |
| Initial boiling point and boiling range | Not available | Partition coefficient: n-octanol/water; | Not available |
| Flash point | >200°C | Auto-ignition temperature; | Not available |
| Evaporation rate | Not available | Decomposition temperature; | Not available |
| Flammability (solid, gas) | Not available | Viscosity; | Not available |
| Upper/lower flammability or explosive limits | Not available | Explosive properties; | Not available |
| | | Oxidising properties. | Not available |

SECTION 10 STABILITY AND REACTIVITY

Reactivity: Oxidation with atmospheric oxygen. Formation of free fatty acids.

Chemical stability: The product is stable.

Possibility of hazardous reactions: Reacts with oxidants.

Conditions to avoid: Keep away from heat sources, open flames and sunlight.

Substances to avoid: Avoid contact with strong oxidants such as liquid chlorine and concentrated oxygen.

Hazardous decomposition products: Product does not decompose at proper handling.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute toxicity: In compliance with generally accepted uses and quantities are no negative impacts to be expected. LD50 oral: not determined LD50 dermal: not determined LC50: not determined **Inhalation:** There is not expected negative impact.. **Ingestion:** There is not expected negative impact.. **Skin contact:** There is not expected negative impact. **Eye contact:** There is not expected negative impact.

skin corrosion/irritation; In compliance with generally accepted uses and quantities are no negative impacts to be expected. **serious eye damage/irritation;** In compliance with generally accepted uses and quantities are no negative impacts to be expected. **respiratory or skin sensitization;** In compliance with generally accepted uses and quantities are no negative impacts to be expected.

germ cell mutagenicity; There is not expected negative impact. **carcinogenicity;** There is not expected negative impact. **reproductive toxicity;** There is not expected negative impact. **STOT-single exposure;** No information available **STOT-repeated exposure;** No information available **aspiration hazard.** No information available

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SECTION 12 ECOLOGICAL INFORMATION

Toxicity: No information available

Persistence and degradability: Biologically well degradable

Bioaccumulation potential: possible

Mobility in soil: No information available

PBT characteristics: No information available

Other harmful effects: No information available

Water hazardous class according to german regulation "wassergefährdende Stoffe (VwVwS WGK 1

SECTION 13 DISPOSAL CONSIDERATION

Recommendation: Collect and dispose of waste product at an authorised disposal facility. Product remainders should not intrude in soil or waters.

SECTION 14 TRANSPORT INFORMATION

UN Number: Not available.

UN Proper Shipping Name: ADR/RID: not available. **IMDG-Code:** not available. **ICAO-TI:** not available.

Transport hazard class(es): not available.

Packing group: not available.

Environmental Hazards: Labelling of environmentally hazardous substances: **ADR/ RID/ IMDG-Code:** No. **ICAO-TI/IATA-DGR:** No

Special Precautions for user: See section 6-8

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not defined.

SECTION 15 REGULATORY INFORMATION

Assessment of material safety: An assessment has not been executed.

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:
Manufacturers Safety Data Sheet

Version: 00 Revision Date: 10/ 03/ 2018: PIL SA075/234 MGE SDS 0023032015, New issue.

Version: 01 Revision Date: 16/ 07/ 2019: PIL SA075/234 MGE, Added new product code VO101634 (BLKCURR-REF)

Version: 02 Revision Date: 04/05/2020: PIL SDS Change of address - no changes to SDS.