

VEGETABLE PETROLATUM – SAFETY DATA SHEET

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

PRODUCT IDENTIFIER

Product name (as on label)	Vegetable Petrolatum <u>Synonyms:</u> Vegetable Petrolatum VP170
Uses	Ingredient in personal care 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 † Email	www.pureingredients.co.nz † 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

Hazardous Nature: This product is not classified as hazardous under HSNO criteria.

No HSNO Classification applies

GHS Pictograms: No pictogram: not hazardous

Signal Word: None

Dangerous Goods Classification N/R

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS Number	Proportion (%v/v)
Ricinus Communis (Castor) Seed Oil	8001-79-4	Not specified
Castor Oil, Hydrogenated	8001-78-3	Not specified
Copernicia Cerifera (Carnauba) Wax	8015-86-9	Not specified
Beeswax	8012-89-3	Not specified

SECTION 4 FIRST AID MEASURES

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

Inhalation	Move the victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if concerned.
Skin Contact	Wash with soap and water. Seek medical attention if any irritation occurs.
Eye Contact	Hold eyelids apart and flush the eye with running water for at least 15 minutes. Seek medical attention if irritation persists.
Ingestion	Do not induce vomiting. Seek medical attention immediately.

First Aid Facilities: Provide eye baths and safety showers.

Medical Attention: Treat according to symptoms. Avoid gastric lavage: risk of aspiration of product to the lungs with the potential to cause chemical pneumonitis.

SECTION 5 FIREFIGHTING MEASURES

Shut off product that may 'fuel' a fire if safe to do so. Allow trained personnel to attend a fire in progress, providing firefighters with this Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways.

Suitable extinguishing media: Dry chemical, carbon dioxide or foam, sand.

Hazards from combustion products: When handled and stored appropriately, no dangerous decomposition products are known.

Specific Hazards: None identified.

Precautions for fire fighters and special protective equipment: Full protective clothing and self-contained breathing apparatus

Hazchem Code: N/R

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SECTION 6 ACCIDENTAL RELEASE MEASURES

Accidental Release Controls: Ensure adequate ventilation.

Emergency Procedures: Prevent material from escaping to drains and waterways. Contain leaking packaging in a containment drum. Prevent vapours from building up in confined areas. Ensure that drain valves are closed at all times. Clean up and report spills immediately.

Methods and materials for containment:

Major Land Spill:

- Eliminate sources of ignition
- Warn occupants of downwind areas of possible fire and explosion hazard
- Prevent product from entering sewers, watercourses, or low-lying areas
- Keep the public away from the area
- Shut off the source of the spill if possible and safe to do so
- Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation
- Take measures to minimise the effect on ground water
- Contain any spilled liquid with sand or earth
- Recover liquid spills by pumping – use explosion proof pump or hand pump – or with a suitable absorbent material
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations
- See “First Aid Measures” and “Stability and Reactivity”

Major Water Spill

- Eliminate any sources of ignition
- Warn occupants and shipping in downwind areas of possible fire and explosion hazard
- Notify the port or relevant authority and keep the public away from the area
- Shut off the source of the spill if possible and safe to do so
- Confine the spill if possible
- Remove the product from the surface by skimming or with suitable absorbent material
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations
- See “First Aid Measures” and “Stability and Reactivity”.

SECTION 7 HANDLING AND STORAGE

Precautions for Safe Handling: Observe good industrial hygiene practices. Wear gloves, eye protection and protective clothing. Keep away from ignition sources and beware build-up of electro-static charges.

Conditions for safe storage: Store in a cool dry place in original packaging. Protect from direct heat sources. Keep well ventilated.

Incompatible materials: Strong oxidising agents.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards: The time weighted average (TWA) concentration, which means the highest allowable exposure concentration in an eight-hour day for a five-day working week for this product is: Vegetable oil mist: 10 mg/m³. The short-term exposure limit (STEL), which is the maximum allowable exposure concentration at any time is: Mineral oil mist: No value established.

Biological limit values: No values established.

Engineering Controls: Ventilation. The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion-proof ventilation equipment.

Personal Protective Equipment

Respiratory Protection: Where concentrations in air may exceed the limits described in the National Exposure Standards, it is recommended to use a half-face or full-face filter mask to protect from overexposure by inhalation. Refer to AS/NZS 1715: Selection, Use and Maintenance of Respiratory Equipment and AS/NZS 1716: Respiratory Protective Devices for further details on the use of respiratory protective equipment.

Eye Protection: Always use safety glasses or a face shield when handling this product.

Skin/ Body Protection: Always wear long sleeves and long trousers or coveralls, and enclosed footwear or safety boots when handling this product.

It is recommended that chemical resistant gloves (e.g. PVC) be worn when handling this product.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White to off-white gel	Vapour Density @ 20°C	Not available
Odour	See Product Specs	Autoignition Temperature	>200 °C
Odour Threshold ppm	Not available	Decomposition Temperature	Not available
Melting Point/Range (Pour point)	57-68 °C	Viscosity @ 20°C cSt	Not available
Boiling Point/ Range	Not available	pH	Not available
Flash Point	>200 °C	Partition Coefficient log Pow@25°C	Not available
Flammability	Not flammable	Percent Volatiles	Not available
Relative Density @ 20°C	Not available	Solubility with Water 20°C mg/L	Insoluble
Vapour Pressure @ 20°C kPa	Not available	Other Solubility	Soluble in oils and organic solvents
Explosive Limits (LEL – UEL) %	Not available	Other information	-

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SECTION 10 STABILITY AND REACTIVITY

Chemical Stability	Stable at room temperature and pressure
Conditions to Avoid	Sources of heat and ignition, open flames.
Hazardous Decomposition Products	No decomposition if used and stored according to specification
Hazardous Reaction	None identified
Hazardous Polymerisation	Not expected to occur.

SECTION 11 TOXICOLOGICAL INFORMATIONAcute Effects:

Ingestion: No information available.
Eye Contact: No information available.
Skin Contact: No information available.
Inhalation: No information available.

Chronic Effects: No chronic health data is available for this product.
Other Health Effects Information: No information available

Toxicological Information

Oral / Dermal LD50: No data available
Inhalation LC50: No data available
Acute Toxicity (6.1A, 6.1B, 6.1C, 6.1D): Not classified as an acute toxicant
Aspiration Hazard (6.1E): Not classified
Respiratory Irritation (6.1E): Not classified
Skin Corrosion/Irritation (8.2A, 8.2B, 8.2C, 6.3A): Not classified
Serious Eye damage/irritation (8.3A, 6.3A): Not classified.
Respiratory or Skin Sensitisation (6.5A, 6.5B): Not classified
Germ cell mutagenicity (6.6A, 6.6B): Not classified
Carcinogenicity (6.7A, 6.7B): Not classified
Reproductive Toxicity (6.8A, 6.8B, 6.8C): Not classified.
Specific Organ Toxicity (Repeated and Single Exposure) (6.9A, 6.9B): Not classified
Narcotic Effects (6.9B): Not classified

SECTION 12 ECOLOGICAL INFORMATION**Ecotoxicity**

Aquatic Toxicity
Fish toxicity, LC50 (96 hr): No data available.
Crustacean toxicity (Daphnia Magna), EC50 (48 hr): No data available
Green algae toxicity, EC50 (72 hr): No data available
Blue-green algae toxicity (Cyanobacteria), EC50 (72 hr): No data available.

Persistence/Degradability: Readily biodegradable
Mobility: No information available.
Bioaccumulative Potential: Not data available
Other Information: Not anticipated to be ecotoxic

SECTION 13 DISPOSAL CONSIDERATION

Disposal	Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities. Packaging may still contain harmful residue and/or fumes and vapours that are flammable. Ensure that empty packaging is allowed to dry.
Special Precautions for Landfill or Incineration	This product is NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product must be disposed as chemical waste in accordance with the local authority.

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SECTION 14 TRANSPORT INFORMATION

Transport	Road and Rail Transport		Marine Transport		Air Transport	
	UN No.	N/R	UN No.	N/R	UN No.	N/R
	Proper Shipping Name	N/A	Proper Shipping Name	N/A	Proper Shipping Name	N/A
	DG Class	N/R	DG Class	N/R	DG Class	N/R
	Sub. Risk	None	Sub. Risk	None	Sub. Risk	None
	Pack Group	N/R	Pack Group	N/R	Pack Group	N/R
	Hazchem	N/R	Hazchem	N/R	Hazchem	N/R

Dangerous Goods Segregation: This product is classified as Dangerous Goods Class N/R, packing group N/R.

SECTION 15 REGULATORY INFORMATION

Country/ Region: New Zealand

Inventory: NZIoC

Status: Hazardous components are listed in NZIoC

HSNO Approval: Not applicable.

HSNO/HSWA Controls: Not applicable

Agricultural Compounds and Veterinary Medicines Act 1997 (ACVM): Not applicable

Montreal Protocol on Substances that Deplete the Ozone Layer: Not applicable

Stockholm Convention: Not applicable

Rotterdam Convention: Not applicable

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.

Version: 01 Revision Date: 20/09/2019: PIL

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

Reference:

- Supplier Safety Data Sheets
- EPA CCID <https://www.epa.govt.nz/database-search/chemical-classification-and-information-database-ccid/> (July 18)
- Workplace Exposure Standards and Biological Exposure Indices. 9th Edition, published by WorkSafe New Zealand November 2017. <https://worksafe.govt.nz/topic-and-industry/work-related-health/monitoring/exposure-standards-and-biological-exposure-indices> (July 18)
- US EPA Toxnet ChemIDPlus: <http://chem.sis.nlm.nih.gov/chemidplus> (July 18)
- OECD eChemPortal Substance Search <https://www.echemportal.org/echemportal/participant/page.action?pageID=9> (July 18)
- Ecotoxicology data: http://cfpub.epa.gov/ecotox/quick_query.htm (July 18)