

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

PRODUCT IDENTIFIER

Product Name	White Oil Light
Other Names	Savonol 15, White Oil 15, Paraffin Oil, Liquid Paraffin
CAS Number	8042-47-5


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	+64 813 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

HSNO Hazard Classification	6.1E (aspiration), 9.1D
HSNO Approval Number	HSR002503 / HSR002606
Hazard Nature	This product is classified as HAZARDOUS under HSNO criteria
Pictogram(s)	
Signal Word	DANGER
Hazard Statement(s)	H304: May be fatal if swallowed and enters airways H413: May cause long lasting harmful effects to aquatic life
Prevention Statements(s)	P273: Avoid release to the environment.
Response Statement(s)	P301+ P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor. P331: Do NOT induce vomiting. P331: Do NOT induce vomiting.
Storage Statement(s)	P405: Store locked up.
Disposal Statement(s)	P501: Dispose of contents, or container in accordance with local/regional/national/international regulation.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

CAS No.	% [weight/volume]	INCI Name
8042-47-5	100 %	White mineral oil (petroleum)

SECTION 4 FIRST AID MEASURES

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

Ingestion	If swallowed, do NOT induce vomiting. Obtain immediate medical advice. If vomiting occurs spontaneously, keep head below hips to prevent aspiration into lungs.
Eye Contact	Hold eyelids apart and flush the eye with running water for at least 15 minutes. Seek medical attention if irritation persists.
Skin/Hair Contact	Wash with soap and water. Seek medical attention if any irritation occurs
Inhalation	Move the victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if concerned.
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

General	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.
Extinguishing material	Dry chemical, carbon dioxide or foam. Do not use water.
Hazards from combustion products	Carbon monoxide, carbon dioxide, paraffin fume
Specific Hazards	No specific hazards

SECTION 5 FIREFIGHTING MEASURES

Precautions for fire fighters and special protective equipment	Full protective clothing and self contained breathing apparatus
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SECTION 6 ACCIDENTAL RELEASE MEASURES

Accidental Release Controls	Beware of slipping hazard if material is spilled.
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	<p>Major Land Spill</p> <ul style="list-style-type: none"> • 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” <p>Major Water Spill</p> <ul style="list-style-type: none"> • 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. Keep containers closed when not in use. Use only outdoors or in a well-ventilated area. Avoid contact with skin and avoid breathing fume/mist. Do not allow ingestion. Take care to avoid slipping.
Conditions for safe storage	Store in tightly closed original container in a dry, cool and well-ventilated place.
Incompatible materials	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: Mineral oil mist: 5 mg/m ³ . The short-term exposure limit (STEL), which is the maximum allowable exposure concentration at any time is: Mineral oil mist: 10 mg/m ³ .
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. Recommended Filter Type: Organic vapour cartridge.
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	Viscous liquid; Saybolt colour +25	Vapour Pressure @ 20°C	< 1 HPa
Odour	Almost odourless	Autoignition Temperature	325 – 355°C
Melting Point @ 101.3 kPa	-60 – 0°C	Decomposition Temperature	> 350°C
Boiling Point @101.3 kPa	218 – 800°C	Kinematic Viscosity @ 40°C	14 – 17 cSt
		Dynamic Viscosity @ 40°C	≤ 20.3 mm ² /s
Flash Point @ ca. 101.3 kPa	> 112°C	pH	Neutral
Flammability	Not flammable	Solubility with Water	Insoluble
Density @ 15°C	0.81 – 0.91 g/cm ³	Other Solubility	Soluble in organic solvents

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 according to specifications.
Hazardous reactions	None identified.
Hazardous Polymerisation	Not anticipated to occur

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Effects	Ingestion: This material may be fatal if swallowed and enters airways. May cause nausea and eventually vomiting and diarrhoea. Eye Contact: May cause redness and transient pain. Skin Contact: Prolonged or repeated exposure may lead to defatting of the skin and subsequent irritation. May cause oil acne. Inhalation: Prolonged and repeated inhalation of mist or vapour generated at elevated temperatures may irritate respiratory tract.
Oral / Dermal LD50	LD ₅₀ (oral, rat) > 5000 mg/kg; LD ₅₀ (dermal) >2000 mg/kg
Inhalation LC50	LC ₅₀ (inhalation, rat) > 5 mg/L/4 hours
Acute Toxicity	Not classified as an acute toxicant.
Aspiration Hazard	May be fatal if swallowed and enters airways.
Respiratory Irritation	Not classified.
Skin Corrosion/Irritation	Not classified.
Serious Eye damage/irritation	Not classified.
Respiratory or Skin Sensitisation	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive Toxicity	Not classified.
Specific Organ Toxicity	Not classified.
Narcotic Effects	Not classified.

SECTION 12 ECOLOGICAL INFORMATION

Aquatic toxicity	Fish toxicity, LC ₅₀ (96 hr): LC ₅₀ (Leuciscus idus melanotus, static) >10,000 ng/L/96 h; NOEL (Onchorhynchus mykiss(Rainbow trout)) ≥ 100 mg/L/96 h Crustacean toxicity (Daphnia Magna), EC ₅₀ (48 hr): LC ₅₀ (daphnia magna, static) > 100 mg/L/48 h
Persistence and degradability	Not readily biodegradable. Tested according to OECD-301D, in 28d bio-degradation, the degradability of series products are between 10.1% and 27.1%.
Mobility	Low, due to low water solubility.
Bioaccumulative potential	Mineral oils (general): log P _{ow} >3.9
Other information	May cause long lasting harmful effects to aquatic life.

SECTION 13 DISPOSAL CONSIDERATION

Disposal Methods	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.

SECTION 14 TRANSPORT INFORMATION

Transport	Road & Rail	Marine	Air
UN number	N/R	N/R	N/R
UN proper shipping name	Nil	Nil	Nil
DG class(es)	N/R	N/R	N/R
Sub. Risk	None	None	None
Packing group	N/R	N/R	N/R
Hazchem	N/R	N/R	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: Listed in NZIoC
 HSNO Approval: HSR002503 or HSR002606: Additives, Process Chemicals and Raw Materials (Subsidiary Hazard) Group Standard 2017 OR Lubricants, Lubricant Additives, Coolants and Anti-freeze Agents (Subsidiary Hazard) Group Standard 2017
 HSNO/HSWA Controls: Refer to the above Group Standard, Health and Safety at Work Act 2015, www.epa.govt.nz and www.worksafe.govt.nz for further information on controls
 Certified Handler: Not required
 Tracking: Not required
 Restriction to workplace: Not applicable
 Signage: Threshold quantity: 10,000 L
 Fire extinguishers: Not required
 Emergency Response Plan: Threshold quantity: 10,000 L
 Secondary containment: Threshold quantity: 10,000 L
 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.

Reference: supplier's SDS.

Version: 00 Revision Date: 12/12/2018: PIL SA150 SDS 0016072018 New issue.

Version: 01 Revision Date: 04/05/2020: PIL SDS Change of address - no changes to SDS.

Version: 02 Revision Date: 19/01/2022: PIL – SA150 19022020

Pure Ingredients Ltd