

Safety Data Sheet

GHS Hazardous Chemical. Not Dangerous Goods.

All Seasons White Oil Insecticide

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

IDENTIFICATION

Product Name: All Seasons White Oil Insecticide
Other Names: White Oil/Spraying Oil & Surfactant
Product Code(s): 500mL, 5L
USE: Horticultural spraying oil for control of scale insects and certain other insects on citrus, shrubs, roses, ornamentals, and for use as a spreader.
COMPANY DETAILS: Kendon Chemical & MNFG. Co. Pty Ltd
A.B.N. 27 004 281 967
8-10 Abbot Street
Fairfield, Victoria 3078
Phone: 03 9497 2822
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Emergency Telephone No: **Business Hrs** **03 9497 2822**
After Hrs **0418-530-461 (General Manager)**
0409-577-174 (Technical Manager)

2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: Clear, pale amber oil with no odour. Combustible Liquid (Flash Point >150°C). Excessive heating under fire conditions may lead to eventual decomposition, with violent rupture of containers. Slippery when spilt.

Target Organs: Eyes, Lung (from aspiration).

Dangerous Goods Information: Not Dangerous Goods by Road & Rail, nor by Air, nor by Sea.

GHS Hazardous Chemical Information:

Classified as a Hazardous Chemical to the Australian GHS Criteria.

Signal Word: **DANGER**

Classification: Eye Irritation Category 2
Aspiration Toxicity Category 1



Hazard Statements: Causes serious eye irritation.
May be fatal if swallowed and enters airways.

Precautionary Statements

- Prevention** Wear protective gloves/ eye protection/ face protection.
Do not eat drink or smoke when using this product.
Wash thoroughly after handling.
- Response** IF SWALLOWED: Rinse mouth. Immediately call a POISON CENTER / doctor
Do NOT induce vomiting.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF eye irritation persists: Get medical advice / attention.
- Storage** Store locked up.
- Disposal** Dispose of contents/container in accordance with Local / State / Territory Regulations.

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Hazardous Substance (For information only)
Hazard Categories: Irritant, Harmful (For information only)
Risk Phrases Irritating to eyes. Harmful: may cause lung damage if swallowed.
SUSMP Poison Schedule: S5 (HYDROCARBONS, LIQUID >25%)

ACUTE HEALTH EFFECTS

Swallowed: Large amounts may cause diarrhea and may cause gastric irritation. Breathing material (aspiration) into the lungs during ingestion or vomiting is may occur due to the 12 mm²/s at 40°C viscosity. In the unlikely event it does occur, it may cause lung injury.

Eye: Causes eye irritation, tearing, stinging, blurred vision and redness..

Skin: Not likely to cause irritation to the skin. Repeated exposure may cause drying, redness, itching and irritation.

Inhaled: Inhalation overexposure is not expected at ambient temperature and under recommended conditions of use. However, it is considered harmful if inhaled as oil mist/vapour/fume. High concentrations of mist, vapour or fume may irritate the respiratory tract.

Chronic: Prolonged or repeated skin contact may cause drying, cracking or dermatitis.

3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
Paraffinic Petroleum Oil (Hydrotreated Light Distillate)	825 g/L	64742-55-8
Non-Ionic Surfactants (non-hazardous)	<5% w/v	Confidential

4. FIRST AID MEASURES

Swallowed: Immediately rinse the mouth out with water. If swallowed, do NOT induce vomiting. Give water to drink. Seek immediate medical attention.

Eye: If material is splashed into eyes, immediately flush with plenty of water for 15 minutes, ensuring eye lids are held open. In all cases of eye contamination it is sensible to seek medical attention.

Skin: If material is splashed onto the skin or into the hair, remove any contaminated clothing and wash skin and hair thoroughly with water and soap if available. If irritation occurs seek medical attention.

Inhaled: Move victim to fresh air. Keep at rest until fully recovered. Open all doors, windows and/or vents. Seek medical advice.

First Aid Facilities: Eye wash fountain, safety shower and normal wash room facilities nearby.

Advice to Doctor: Treat symptomatically. If vomiting occurs the Hydrocarbon oil may be aspirated into the lungs due as its viscosity is 12 mm²/s at 40°C. In the unlikely event aspiration does occur it may cause chemical pneumonitis. Consider contacting the Poisons Information Centre on 13 11 26.

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5. FIRE-FIGHTING MEASURES

Extinguishing Media: For LARGE Fires - use water fog, fine water spray or foam.
For small Fires - use foam, dry chemical, carbon dioxide or fine water spray.
Do NOT use water jets.

Procedures: If safe to do so, move undamaged containers from fire area. Contain any fire water run-off. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled drums for disposal. Any remaining residues may be washed down with excess water to sewer.

Protective Equipment: Fire fighters to wear self-contained breathing apparatus (SCBA) IF exposed to products of decomposition. Full protective clothing is also recommended.

Flammability: Product is non-flammable and is not readily combustible.
However the product is classified as a Combustible Liquid C2 to AS1940 (Flash Point >150°C).
It will burn under fire conditions.

Fire/Explosion Hazard: Not an immediate fire / explosion hazard until heated near its flash point. Heating can cause expansion or eventual decomposition, leading to the violent rupture of containers

Hazardous Decomposition Products: Decomposes on overheating emitting soot, smoke, decomposition products and Carbon Monoxide.

6. ACCIDENTAL RELEASE MEASURES

Spillage: May be slippery when spilt. Use care to avoid falling. Wear protective equipment to prevent unnecessary skin and eye contact. Do not touch or walk through spilled material.

Contain using absorbent, sand or soil - prevent run off into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Do NOT use sawdust. Collect and seal in properly labelled containers for disposal. Any final residues after cleanup can be washed to sewer with plenty of water.

7. HANDLING AND STORAGE

Handling: Avoid eye contact and repeated or prolonged skin contact. Do not inhale the spray mist. Wash contaminated protective equipment before storage or re-use. Do not eat, drink or smoke when handling concentrates.

Spray Preparation and Use: Prepare the required amount of water and then add Kendon All Seasons White Oil Insecticide (2.5-20 mL/L as per label) and stir well. When using in combination with other pesticides, mix the pesticide first, and then add Kendon All Seasons White Oil Insecticide last. CAUTION: Do NOT combine with Carbaryl, Lime Sulphur or other Sulphur containing sprays. Maintain continuous agitation while spraying. Do NOT spray when shade temperatures exceed 30°C or higher. Do NOT spray when the soil is dry or trees are suffering from moisture stress.

Storage: Store in a cool place, protected from frost and out of direct sunlight. Store away from sources of heat. Store away from oxidizing agents. Keep containers closed, when not using the product. Store in original packages as approved by manufacturer.

Classified as a Combustible Liquid C2 to AS1940 (Flash Point >150°C). Consider storing and handling in accordance with AS1940 Storage & Handling of Flammable and Combustible Liquids.

Store & handle in accordance with Work Health & Safety Regulations or Occupational Health & Safety Regulations.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards

Oil mist, refined mineral 5 mg/m³ TWA
(Safe Work Australia, formerly ASCC, formerly NOHSC).

Personal Protection Equipment

Avoid skin, eye and inhalation contact.

GLOVES: PVC or Neoprene Rubber Gloves.

EYES: Chemical goggles or safety glasses with side shields to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of mists. If natural or local exhaust ventilation is not adequate, select and use a type P1 particulate respirator (for mechanically generated mist particulates) in accordance with AS/NZS 1715/1716.

IF exposure to heated spray is expected (with Paraffin fume), select and use a type P2 particulate respirator (for mechanically and thermally generated particulates) in accordance with AS/NZS 1715/1716.

CLOTHING: Wear overalls and long sleeved clothing, apron or splash suit from PVC or Rubber.

Engineering Controls

Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, then the use of a local exhaust ventilation system is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, pale amber oil with no odour.
Boiling Point	>300°C (Initial Boiling Point)
Melting Point:	<0°C (Pour Point <0°C)
Vapour Pressure:	<<1 mm Hg at 20°C
Volatiles:	Essentially no volatiles at <60°C
Specific Gravity:	0.85 (at 20°C)
Kinematic Viscosity:	12 mm ² /s at 40°C (12 centistokes at 40°C)
pH (1% aqueous sol'n):	neutral (estimated 6-8)
Solubility:	Miscible / Emulsifiable in water (as it contains surfactants) – forms a milky emulsion. Soluble in other mineral oils.
Flash Point:	>150°C
Flammability Limits:	Not available

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use.

Conditions to Avoid: Heat, flames, ignition sources, incompatible materials, direct sunlight.

Incompatible Materials: Strong alkalis, acids and oxidizing agents.

Hazardous Decomposition Products: Emits acrid smoke and fumes when heated to decomposition.

Hazardous Polymerization: Will not occur.

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11. TOXICOLOGICAL INFORMATION

Overall Product:

Acute Oral Toxicity LD50 (rat): >2000 mg/kg (not harmful by direct ingestion).

Acute Skin Toxicity LD50 (rat): >2000 mg/kg

Kinematic Viscosity is <20.5 mm²/s at 40°C & >95% Hydrocarbons, thus Aspiration Hazard Category 1:

May be fatal if swallowed and enters airways.

IF it is aspirated into the lungs, when vomiting, it may be harmful to the lungs, causing chemical pneumonitis.

Skin Irritation: Not a skin irritant.

Eye Irritation: Causes serious eye irritation.

Skin Sensitisation: Not a skin sensitizer.

GHS Criteria: (Overall Product)

ACUTE ORAL TOXICITY : Not classified.

ACUTE SKIN TOXICITY : Not classified.

ACUTE INHAL'N TOXICITY : Not classified.

SKIN CORROSION / IRRITATION : Not classified.

SERIOUS EYE DAMAGE / EYE IRRITATION: Eye Irritation Cat. 2

SKIN SENSITISATION : Not classified.

RESPIRATORY SENSITISATION : Not classified.

GERM CELL MUTAGENICITY : Not classified.

CARCINOGENICITY : Not classified..

REPRODUCTIVE TOXICITY : Not classified.

SPECIFIC TARGET ORGAN TOXICITY – Single & Repeated Exposure:

: Not classified.

ASPIRATION HAZARD : Aspiration Toxicity Cat. 1

[From Ingredient data on the ECHA RSD and Manufacturer's information]

12. ECOLOGICAL INFORMATION

This substance may be harmful to aquatic organisms. Avoid contaminating waterways.

As delivered in a diluted spray form it is not readily biodegradable but will be inherently biodegradable.

Leaching and penetration through surface soils of the concentrate is likely to result in long term persistence.

Acute Aquatic Toxicity: No data available for the overall product.

Persistence and degradability: This product is not expected to present any environmental problems other than those associated with oil spills. .

Mobility: Product is dispersible in water.

GHS Criteria (Paraffinic Petroleum Oil (Hydrotreated Light Distillate, Viscosity <20.5 mm²/s at 40°C)

Hazardous to the Aquatic Environment (acute/short-term) : Not classified.

Hazardous to the Aquatic Environment (long-term) : Not classified.

[ECHA Registered Substances Database]

13. DISPOSAL CONSIDERATIONS

Disposal: In accordance with the Local, State & Federal EPA waste regulations.

Advise its aspiration hazard, combustible liquid (Flash Point >150°C) and slip hazard nature.

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to an approved waste facility. Normally suitable for incineration by an EPA approved facility.

Avoid unauthorised discharge to the sewer.

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Processing, use or contamination of this product may change the waste management options.
The unclean container must also be handled as hazardous waste until cleaned.
Rinsed, washed containers can be reused or disposed of in landfill sites.

14. TRANSPORT INFORMATION

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code); or by air according to the IACO (IATA Regulations), or by sea according to the IMO (IMDG Code).

UN Number:	Not Dangerous Goods	Proper Shipping Name:	Not Applicable
Dangerous Goods Class:	Not Applicable	Subsidiary risk:	Not applicable
Packing Group:	Not Applicable	Hazchem Code:	Not Applicable

Marine Pollutant to IMDG Code: No

15. REGULATORY INFORMATION

GHS Hazardous Chemical Information:

Classified as a Hazardous Chemical to the Australian GHS Criteria.

Signal Word: DANGER

Classification:	Eye Irritation	Category 2
	Aspiration Toxicity	Category 1



Hazard Statements: H319 Causes serious eye irritation.
H304 May be fatal if swallowed and enters airways.

Precautionary Statements

- Prevention**
 - P280 Wear protective gloves/ eye protection/ face protection.
 - P270 Do not eat drink or smoke when using this product.
 - P264 Wash thoroughly after handling.
- Response**
 - P301+330+310 IF SWALLOWED: Rinse mouth. Immediately call a POISON CENTER / doctor
 - P331 Do NOT induce vomiting.
 - P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - P337+313 IF eye irritation persists: Get medical advice / attention.
- Storage**
 - P405 Store locked up.
- Disposal**
 - P501 Dispose of contents/container in accordance with Local / State / Territory Regulations.

Hazardous Substance (For information only)

Hazard Category: Irritant, Harmful (For information only)

Risk Phrases Irritating to eyes. Harmful: may cause lung damage if swallowed.

Irritant Due to the Sodium Alkylsulfated Alcohol Ether Sulfates and Alkyl Alcohol Ethoxylate Blend.

Lung Damage Due to the Paraffinic Petroleum Oil (Hydrotreated Light Distillate) >95%

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Scheduled Poison S5 (HYDROCARBONS, LIQUID >25%)

NICNAS - Aust. Inventory of Chemical Substances: All components are listed on the AICS

APVMA Approval No: P49333/0798

16. OTHER INFORMATION

SDS Dates and Revisions

SDS Original Preparation Dates : June 2004, May 2006, June 2010, 3 Oct 2012, 25 Nov 2015
SDS Latest Revision Date : 13th November 2019
Sections Changed in Latest Revision : Changes in 2, 3, 11, 12, 13, 15, 16

Contact Point: phone: (03) 9497 2822 email: CStory@Kendon.com.au
mobile: 0418-530-461 (General Manager) mobile: 0409-577-174 (Technical Manager)

SDS APPROVED: Kendon

Acronyms Used

ADG Code Australian Dangerous Goods Code for the Transport of Dangerous Goods by Road & Rail
Safe Work Australia ASCC became Safe Work Australia in April 2009.
Safe Work Australia administers ASCC & NOHSC documents.
HCIS Hazardous Chemicals Information System at: <http://hcis.safeworkaustralia.gov.au/>
NZ EPA HSNO Environmental Risk Management Authority New Zealand, HSNO Chemical
CCID Classification Information Database.
<https://www.epa.govt.nz/database-search/>
e-ChemPortal Global Portal to Information on Chemical Substances
http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en
ECHA European Chemicals Agency at <http://echa.europa.eu/>
ECHA RSD ECHA Registered Substances Database (with SIEF results of chemical reviews)
<http://echa.europa.eu/information-on-chemicals/registered-substances>
ECHA C&LID ECHA Classification & Labelling Inventory Database
<http://echa.europa.eu/information-on-chemicals/cl-inventory-database>
WHS Workplace Hazardous Substance; not GHS Hazardous Chemical
CAS No. Chemical Abstracts Service Registry Number
UN No. United Nations Dangerous Goods Number
SUSMP Standard for the Uniform Scheduling of Medicines and Poisons

SDS Code Used This SDS has been prepared according to the SWA Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals May 2018.

This SDS summarises to the best of our knowledge the health and safety hazard information on the product and how to safely handle and use the product in the workplace, and should not be construed as guaranteeing specific technical properties. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Since methods and conditions are beyond our control, in inappropriate contexts we do not accept liability for any damages resulting from the use of, or reliance on, this information.

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