

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDERTAKING	
Product Identifier	
Product Name	White Oil ISO 68
Synonyms	Liquid Paraffin (Pharma 68)
Product code	9931
Relevant identified uses of the substance or mixture and uses advised against	
Relevant identified uses	Lubricating oil
Details of the supplier of the safety data sheet	
Registered company name	Royal Precision Lubricants Pty Ltd
Address	40 Kimberly Road, DANDENONG SOUTH, Victoria 3175 Australia
Telephone	+61 3 9761 7666
Website	www.royalprecisionlubricants.com.au
Email	sales@royalprecisionlubricants.com.au
Emergency Telephone number	
Association / Organisation	Not Available
Emergency Telephone numbers	+61 7 3203 2833 B.H. 24 hours Emergency Contact – Australia Phone: 13 11 26
Other emergency numbers	Not Available

SECTION 2 HAZARDOUS IDENTIFICATION	
Classification of the substance or mixture	
NON HAZARDOUS CHEMICAL, NON-DANGEROUS GOODS.	
According to the Globally Harmonised System and the ADG Code.	
Poisons Schedule	Not Applicable
GHS Classification	Not classified as hazardous under the Globally Harmonised System (GHS)
GHS label elements	No hazard symbol required
SIGNAL WORD	No Signal Word required
Hazard Statement(s)	Not classified as a hazard
Precautionary statements(s) Prevention	Not Applicable
Precautionary statements(s) Response	Not Applicable
Precautionary statements(s) Storage	Not Applicable
Precautionary statements(s) Disposal	Not Applicable

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS		
Substances		
See section below for composition of Mixtures		
Mixtures		
CAS No.	% (Weight)	Name
Not Available	>99	Mineral oil

SECTION 4 FIRST AID MEASURES	
Description of first aid measures	
Eye Contact	If this product comes in contact with eyes: <ul style="list-style-type: none"> • Flush thoroughly with water. If irritation occurs, get medical assistance. • Wash out immediately with water. • Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Skin Contact	<p>If skin or hair contact occurs:</p> <ul style="list-style-type: none"> • Flush skin and hair with running water (and soap if available). • Seek medical attention in event of irritation.
Inhalation	<ul style="list-style-type: none"> • Remove from further exposure. • For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. • If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. • If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.
Ingestion	<p>If swallowed do NOT induce vomiting.¹</p> <p>If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.</p> <p>Observe the patient carefully.</p> <p>Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.</p> <ul style="list-style-type: none"> • Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. • Seek medical advice.
<p>Indication of any immediate medical attention and special treatment needed Treat symptomatically.</p>	

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media

- Foam
- Dry Chemical Powder
- Carbon Dioxide

Special Hazards arising from the substance or mixture

Fire Incompatibility

- Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result

Advice to firefighters

Fire fighting

- Evacuate area.
- Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply.
- Fire-fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA).
- Use water spray to cool fire exposed surfaces and to protect personnel.

Fire/Exposure Hazard

- Combustible - AS1940 Combustible class: C2
- Slight fire hazard when exposed to heat or flame.
- Heating may cause expansion or decomposition leading to violent rupture of containers.
- On combustion, may emit toxic fumes of carbon monoxide (CO).

HAZCHEM

Not Applicable

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

See section 8

Environmental precautions

See section 12

Methods and material for containment and cleaning up




Minor Spills

- Slippery when spilt.
- Clean up all spills immediately.
 - Avoid contact with skin and eyes.
 - Wear impervious gloves and safety glasses.
 - Place spilled material in a clean, dry, sealable, labelled container.

Major Spills	Slippery when spilt. <ul style="list-style-type: none"> • Clear area of personnel and move upwind. • Alert Fire Brigade and tell them location and nature of hazard. • Control personal contact with the substance, by using protective equipment. • Prevent spillage from entering drains, sewers or water courses.
Personal Protective Equipment advice is contained in Section 8 of the SDS.	

SECTION 7 HANDLING AND STORAGE	
Precautions for safe handling	
Safe Handling	Limit all unnecessary personal contact. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. When handling DO NOT eat, drink or smoke.1
Other information	<ul style="list-style-type: none"> • Store in original containers. • Keep containers securely sealed. • No smoking, naked lights or ignition sources. • Store in a cool, dry, well-ventilated area.
Conditions for safe storage, including any incompatibilities	
Suitable container	<ul style="list-style-type: none"> • Polyethylene or polypropylene container. • Packing as recommended by manufacturer. • Check all containers are clearly labelled and free from leaks.
Storage incompatibility	<ul style="list-style-type: none"> • Avoid storage with oxidisers

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION						
Control Parameters						
OCCUPATIONAL EXPOSURE LIMITS (OEL)						
INGREDIANT DATA						
Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Australia Exposure Standards	Mineral oil	Oil mist, refined mineral	5 Mg/m ³	Not available	Not available	Not available
Exposure Controls						
Appropriate engineering controls	<p>General exhaust is adequate under normal operating conditions. Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.</p> <p>The basic types of engineering controls are:</p> <ul style="list-style-type: none"> • Process controls which involve changing the way a job activity or process is done to reduce the risk. • Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment. 					
Respiratory protection	<ul style="list-style-type: none"> • If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. • Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. • Types of respirators to be considered for this material include: <ul style="list-style-type: none"> • Particulate • No special requirements under ordinary conditions of use and with adequate ventilation. • For high airborne concentrations, use an approved supplied-air respirator, operated in positive pressure mode. Supplied air respirators with an escape bottle may be appropriate when oxygen levels are inadequate, gas/vapour warning properties are poor, or if air purifying filter capacity/rating may be exceeded. 					

Personal protection	<p>Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation.</p> <p>Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.</p> <div style="text-align: center;">    </div>
Eye and face protection	<ul style="list-style-type: none"> • Safety glasses with side shields; or as required • Chemical goggles. • Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience.
Skin protection	See Hand protection below.
Hands/feet protection	Wear general protective gloves, eg. light weight rubber gloves.
Body protection	See Other protection below.
Other protection	<p>No special equipment needed when handling small quantities.</p> <p>OTHERWISE:</p> <ul style="list-style-type: none"> • Overalls • Barrier cream • Eyewash unit
Thermal hazards	Not Available

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties.

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the Supplier for additional information.

Appearance	Water White liquid, does not mix with water.		
Physical state	Liquid (oil)	Relative density (Water = 1)	0.88
Odour	Odourless	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Applicable	Auto-ignition temperature (°C)	Not Available
pH (as supplied)	Not Applicable	Decomposition temperature	Not Available
Melting point / freezing point (°C)	-9°C	Viscosity (cSt) @ 40°C	68
Initial boiling point and boiling range (°C)	Not Available	Molecular weight (g/mol)	Not Applicable
Flash Point (°C)	>200°C	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Auto Flammability	>220°C	Oxidising properties	Not Available
Upper exposure limit (%)	Not Available	Surface Tension (dyn/cm or mN/m)	Not Available
Lower exposure limit (%)	Not Available	Volatile Component (% Vol)	Not Available
Vapour pressure (kPa)	Negligible	Gas group	Not Available
Solubility in water (g/L)	Insoluble	pH as a solution (1%)	Not Available
Vapour density (Air = 1)	Not Available	VOC g/L	Not Available

SECTION 10 STABILITY AND REACTIVITY

Reactivity	See Section 7
Chemical Stability	<ul style="list-style-type: none"> • Unstable in the presence of incompatible materials. • Product is considered stable.
Possibility of hazardous reactions	See section 7

Conditions to avoid	Excessive heat. High energy sources of ignition. Additionally see section 7
Incompatible materials	Strong oxidisers. Additionally see section 7
Hazardous decomposition products	See section 5

SECTION 11 TOXICOLOGICAL INFORMATION			
Information on toxicological effects			
Inhaled	Not Applicable.		
Ingestion	There may be irritation of the throat.		
Skin Contact	There may be irritation at the site of contact.		
Eye	There may be irritation and redness.		
Chronic	Long-term exposure to the product is not thought to produce chronic effects adverse to the health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.		
STELLA White Oil	TOXICITY	IRRITATION	
	Not Available	Not Available	
Mineral Oil	TOXICITY	IRRITATION	
	Not Available	Not Available	
Acute Toxicity	Data Not Available to make classification	Carcinogenicity	Data Not Available to make classification
Skin Irritation / Corrosion	Data Not Available to make classification	Reproductivity	Data Not Available to make classification
Serious Eye Damage / Irritation	Data Not Available to make classification	STOT – Single exposure	Data Not Available to make classification
Respiratory or Skin sensitivity	Data Not Available to make classification	STOT – Repeated Exposure	Data Not Available to make classification
Mutagenicity	Data Not Available to make classification	Aspiration Hazard	Data Not Available to make classification

SECTION 12 ECOLOGICAL INFORMATION					
Toxicity					
Ingredient	Endpoint	Test Duration (hr)	Species	Value	Source
Not Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
DO NOT discharge into sewer or waterways					
Persistence and degradability					
Ingredient	Persistence: Water/Soil		Persistence: Air		
	No data available for all ingredients		No data available for all ingredients		
Bioaccumulative potential					
Ingredient	Bioaccumulation				
	No data available for all ingredients				
Mobility in soil					
Ingredient	Mobility				
Base oil component	Low solubility and floats and is expected to migrate from water to the land. Expected to partition to sediment and wastewater solids.				

SECTION 13 DISPOSAL CONSIDERATIONS	
Waste Treatment methods Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.	
Product / Packaging disposal	<ul style="list-style-type: none"> • Recycle wherever possible or consult manufacturer for recycling options. • Consult State Land Waste Management Authority for disposal. • Bury residue in an authorised landfill. • Recycle containers if possible, or dispose of in an authorised landfill.

SECTION 14 TRANSPORT INFORMATION

Labels required

Marine Pollutant	NO
HAZCHEM	Not Applicable

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Transport in bulk according to Annex II of MARPOL and the IBC code
Not Applicable

SECTION 15 REGULATORY INFORMATION

Safety, health and environment regulations / legislation specific for the substance or mixture

This material is not considered hazardous according to Australia Model Work Health and Safety Regulations.

Product is not regulated according to Australian Dangerous Goods Code.

AS1940 COMBUSTIBLE CLASS: C2

National inventory	Status
Australia - AICS	Listed
Canada - DSL	Not Determined
China - IECSC	Not Determined
Europe – EINEC / ELINCS / NLP	Not Determined
New Zealand - NZIoC	Not Determined
USA - TSCA	Not Determined

SECTION 16 OTHER INFORMATION

The information and recommendations contained herein are, to the best of Royal Precision Lubricants knowledge and belief, accurate and reliable as of the date issued.

The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that the product is suitable for the intended use.

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace, however it shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The user is responsible for the observance of all required statutory provisions. 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. Although some hazards are described herein, we cannot predict that these are the only hazards because we have no knowledge or control over the user's working conditions.

You can contact Royal Precision Lubricants to ensure that this document is the most current available.

If buyer repackages this product, it is the user's responsibility to ensure proper health, safety and other necessary information is included with and/or on the container. Appropriate warnings and safe-handling procedures should be provided to handlers and users.

*** END OF SDS ***