



# SAFETY DATA SHEET

## SECTION 1 – IDENTIFICATION OF THE MATERIAL AND

**Product Name** PM104 SYNCHRO-GEARLIFE 50-90  
**Product Code** 104  
**Product Type** Liquid  
**Product Use** Industrial Lubricant

(For specific application advice, see appropriate Product Data Sheet or consult PM Lubrication)

**Supplier** PM Lubrication (ABN 95 880 856 055)  
4/105 Archibald Street, Mackay, Qld 4740 Australia  
Phone: +61 (07) 4998 5851

**EMERGENCY NUMBER** 1800 033 111 (Australia)

**Creation Date**

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## SECTION 2 – HAZARDS IDENTIFICATION

**Classification of the Substance or Mixture**

**GHS Classification** Mixture

**CLASSIFIED AS NON-HAZARDOUS SUBSTANCE, NON-DANGEROUS GOODS.ACCORDING TO AUSTRALIAN WHS REGULATIONS AND ADG CODE**

### Label Elements

<b>Hazard Pictograms</b>	No pictogram required
<b>Signal Word</b>	Warning
<b>Hazard Statements</b>	Not applicable
<b>Precautionary Statements</b>	P273: Avoid release to the Environment
<b>Response</b>	P332 + P313: If skin irritation persists; <b>GET MEDICAL ADVICE/ATTENTION</b>
<b>Storage</b>	Not applicable
<b>Disposal</b>	P501: Dispose of contents and container in accordance with all local, regional, national and international regulations

### Supplemental Label Elements

<b>Special Packaging Requirements</b>	Not applicable
<b>Containers to be Fitted with Child-Resistant Fastenings</b>	Not applicable
<b>Tactile Warning of Danger</b>	Not applicable

### SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

**Substance/Mixture:** Chemically modified base oil. Proprietary performance additives. Mixture

Product/Ingredient Name	%	CAS Number	Hazard Classification
Base Oil – Highly Refined	75 - 90	Varies – see Key for Abbreviations	Not Classified

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8

### SECTION 4 – FIRST AID MEASURES

#### Description of First Aid Measures

<b>Eye Contact</b>	In case of contact with the eyes, immediately flush eyes with plenty of water for at least 15 minutes. Keep eye wide open while rinsing. Remove any contact lenses. Seek medical advice
<b>Skin Contact</b>	Wash off with soap and plenty of water or use a recognised skin cleanser. Take off contaminated clothing and shoes immediately. Get medical attention if irritation develops.
<b>Inhalation</b>	If inhaled, remove to fresh air. Get medical attention if symptoms appear.
<b>Ingestion</b>	Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur or contact a Poisons Information Centre on 13 11 26 (Australia)
<b>Protection of First Aiders</b>	<b>No action shall be taken involving any personal risk or without suitable training.</b>

#### Most Important Symptoms and Effects, Both Acute and Delayed

See Section 11 for more detailed information on health effects and symptoms

#### Indication of any immediate medical attention and special treatment needed, notes to the physician

Treatment should, in general, be symptomatic and directed to relieve any effects.

### SECTION 5 – FIRE FIGHTING MEASURES

#### Extinguishing Media

<b>Suitable Extinguishing Media</b>	In case of fire, use foam, dry chemical or carbon dioxide extinguisher or spray
<b>Unsuitable Extinguishing Media</b>	Do not use a water jet

## **SECTION 5– FIRE FIGHTING MEASURES (CONT.)**

### **Special Hazards arising from the Substance or Mixture**

Hazards from the Substance or Mixture	In a fire or if heated, a pressure increase will occur, and the mixture container may burst. - Vapour accumulation could flash and/or explode if in contact with open flame. - A solid stream of water will spread the burning material. -- Material creates a special hazard because it floats on water.
Hazardous Combustion Products	Combustion products may include the following: Carbon Oxides (CO, CO <sub>2</sub> ), (Carbon Monoxide, Carbon Dioxide)

### **Advice for Fire Fighters**

Special Precautions for Fire Fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special Protective Equipment for Fire Fighters	Firefighters should wear appropriate protective equipment and a self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for firefighters (including helmets, protective boots and gloves) conforming to European Standard EN469 or the relevant standards will provide a basic level of protection for chemical incidents.

## **SECTION 6– ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment and Emergency Procedures**

For Non-Emergency Personnel	Refer to Section 8
For Emergency Responders	Refer to Section 8
Environmental Precautions	Refer to Section 12

### **Methods and Materials for Containment and Cleaning Up**

Small Spill	Stop the leak without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor
Large Spill	Stop the leak without risk. Move containers from the spill area. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material, e.g. sand, earth, vermiculite or diatomaceous earth and place in a container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.

## **SECTION 7– HANDLING AND STORAGE**

### **Precautions for Safe Handling**

<b>Protective Measures</b>	Put on appropriate personal protective equipment
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**SECTION 7 – FIRE FIGHTING MEASURES (CONT.)****Precautions for Safe Handling (Cont.)****Advice on General Occupational Hygiene**

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored, and processed. Wash thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Conditions for Safe Storage, Including any Incompatibilities**

Store in accordance with local regulations. Store in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10). Keep away from heat and direct sunlight. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Store and use only in equipment/containers designed for use with this product. Do not store in unlabelled containers.

**Not Suitable**

Prolonged exposure to elevated temperatures.

**Specific End Use(s) Recommendations**

See Section 1.2 and Exposure scenarios in annex, if applicable.

**SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION****Control Parameters, Occupational Exposure Limits****Product/Ingredient**

Ingredient	ACGIH TLV (United States)	OSHA - PEL	Occupational Exposure Limits EH40 (UK)
Mixture of severely hydrotreated and hydrocracked base oil	TWA: 5mg/m <sup>3</sup> 8 hours 10mg/m <sup>3</sup> STEL (as oil mist)	Not available	TWA: 5mg/m <sup>3</sup> 8 hours 10mg/m <sup>3</sup> STEL (as oil mist)

**Whilst specific OELs for certain components may be shown in this section, other components may be present in any mist, vapour or dust produced. Therefore, the specific OELs may not be applicable to the product as a whole and are provided for guidance only.**

**Ingredient Name****Exposure Limits**

**Distillates (petroleum) hydrotreated heavy paraffinic**

ACGIH TLV (United States)  
TWA: 5 mg/m<sup>3</sup> 8 hours. Issued/Revised:  
11/2009 Form: Inhalable fraction

**Base oil - unspecified**

ACGIH TLV (United States)  
TWA: 5 mg/m<sup>3</sup> 8 hours. Issued/Revised:  
11/2009 Form: Inhalable fraction -

**Distillates (petroleum), solvent-dewaxed heavy paraffinic**

ACGIH TLV (United States)  
TWA: 5 mg/m<sup>3</sup> 8 hours. Issued/Revised:  
11/2009 Form: Inhalable fraction

**Recommended Monitoring Procedures**

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation, or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

## **SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION (CONT.)**

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace Atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace Atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace Atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

**Derived No Effect Level  
Predicted No Effect  
Concentration**

No DNELs/DMELs available

No PNECs available

**Exposure Controls  
Appropriate Engineering Controls**

Provide exhaust ventilation or other engineering controls to keep the relevant airborne concentrations below their respective occupational exposure limits.

All activities involving chemicals should be assessed for their risks to health, to ensure exposures are adequately controlled. Personal protective equipment should only be considered after other forms of control measures (e.g. engineering controls) have been suitably evaluated. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.

Your supplier of personal protective equipment should be consulted for advice on selection and appropriate standards. For further information, contact your national organisation for standards. The final choice of protective equipment will depend upon a risk assessment. It is important to ensure that all items of personal protective equipment are compatible.

**Environmental Exposure Controls**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels

## **SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION (CONT.)**

### **Individual Protection Measures**

#### **Hygiene Measures**

Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.

#### **Respiratory Protection**

In case of insufficient ventilation, wear suitable respiratory equipment. The correct choice of respiratory protection depends upon how the chemicals are being handled, the conditions of work and use, and the condition of the respiratory equipment. Safety procedures should be developed for each intended application. Respiratory protection equipment should therefore be chosen in consultation with the supplier /manufacturer and with a full assessment of the working conditions.

Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure.

**In case of insufficient ventilation, wear suitable respiratory equipment**

#### **Eye/Face Protection**

Safety glasses with side shields.

### **Skin Protection**

#### **Hand Protection**

Wear protective gloves if prolonged or repeated contact is likely. Wear chemical-resistant gloves. **Recommended: Nitrile gloves.** The correct choice of protective gloves depends upon the chemicals being handled, the conditions of work and use, and the condition of the gloves (even the best chemically resistant glove will break down after repeated chemical exposures). Most gloves provide only a short time of protection before they must be discarded and replaced. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. Gloves should therefore be chosen in consultation with the supplier/manufacturer and with a full assessment of the working conditions.

#### **Hand Protection (General Information)**

Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. The correct choice of protective gloves depends upon the chemicals being handled and the conditions of work and use. Most gloves protect for only a limited time before they must be discarded and replaced (even the best chemically resistant gloves will break down after repeated chemical exposures). Gloves should be chosen in consultation with the supplier/manufacturer and taking into account a full assessment of the working conditions

#### **Recommended: Nitrile Gloves**

## **SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION (CONT.)**

### **Hand Protection (Glove Thickness)**

For general applications, we recommend gloves with a thickness typically greater than 0.35 mm. It should be emphasised that glove thickness is not necessarily a good predictor of glove resistance to a specific chemical, as the permeation efficiency of the glove will be dependent on the exact composition of the glove material. Therefore, glove selection should also be based on consideration of the task requirements and knowledge of breakthrough times. Glove thickness may also vary depending on the glove manufacturer, the glove type, and the glove model. Therefore, the manufacturers' technical data should always be considered to ensure the selection of the most appropriate glove for the task.

**NOTE:** Depending on the activity being conducted, gloves of varying thickness may be required for specific tasks.

For Example: • Thinner gloves (down to 0.1 mm or less) may be required where a high degree of manual dexterity is needed. However, these gloves are only likely to give short-duration protection and would normally be just for single-use applications, then disposed of.

• Thicker gloves (up to 3 mm or more) may be required where there is a mechanical (as well as a chemical) risk, i.e. where there is abrasion or puncture potential

### **Skin and Body**

Use of protective clothing is good industrial practice. Personal protective equipment for the body should be selected based on the task being performed and the risks involved, and should be approved by a specialist before handling this product. Cotton or polyester/cotton overalls will only provide protection against light superficial contamination that will not soak through to the skin. Overalls should be laundered on a regular basis. When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk of splashing), then chemical-resistant aprons and/or impervious chemical suits and boots will be required.

### **Environmental Exposure Controls**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES****Information on Basic Physical & Chemical Properties**

<b>Appearance</b>	Amber
<b>Physical State</b>	Liquid
<b>Colour (ASTM D1500)</b>	<3
<b>Odour</b>	Not available
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not available
<b>Melting Point/Freezing Point</b>	Not available
<b>Initial Boiling Point and Boiling Range</b>	Not available
<b>Pour Point (ATSM D97), (°C)</b>	<-35
<b>Flash Point (ASTM D92), (°C)</b>	>230
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not available
<b>Upper/Lower Flammability or Explosive Limits</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density</b>	Not available
<b>Relative Density</b>	Not available
<b>Density (ASTM D4052 @ 15°C, (g/cm<sup>3</sup>))</b>	0.88
<b>Solubility(ies)</b>	Insoluble in water
<b>Partition Coefficient: n-octanol/water</b>	Not available
<b>Auto-ignition Temperature</b>	365
<b>Decomposition Temperature</b>	Not available
<b>Kinematic Viscosity (ASTM D445) @ 40°C, (cSt)</b>	200
<b>Kinematic Viscosity (ASTM D445) @ 100°C, (cSt)</b>	19.5
<b>Explosive Properties</b>	Not available
<b>Oxidising Properties</b>	Not available
<b>Other Information</b>	No additional information

**SECTION 10 – STABILITY & REACTIVITY**

<b>Reactivity</b>	Refer to Section 7.
<b>Chemical Stability</b>	The product is stable under normal ambient conditions. Refer to Section 7.
<b>Possibility of Hazardous Reactions</b>	Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous polymerisation will not occur. Refer to Section 7.
<b>Conditions to Avoid</b>	Avoid all sources of ignition (spark or flame). Refer to Section 7
<b>Incompatible Materials</b>	Reactive or incompatible with the following materials: Oxidising Materials. Refer to Section 7.
<b>Hazardous Decomposition Products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Refer to Section 5.

## SECTION 11 – TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects

<b>Acute Toxicity Estimates</b>	<b>Route</b>	<b>ATE Value</b>
	Not available	Not available
<b>Information on the Routes of Exposure</b>		
<b>Route of Entry</b>	Inhalation, Ingestion, Skin Contact, Eye Contact	
<b>Potential Acute Health Effects</b>		
<b>Inhalation</b>	Vapour inhalation under ambient conditions is not normally a problem due to low vapour pressure.	
<b>Ingestion</b>	No known significant effects or critical hazards.	
<b>Skin Contact</b>	Defatting to the skin. May cause skin dryness and irritation.	
<b>Eye Contact</b>	No known significant effects or critical hazards	

### Symptoms Related to the Physical, Chemical and Toxicological Characteristics

<b>Inhalation</b>	No specific data
<b>Ingestion</b>	No specific data
<b>Skin Contact</b>	Adverse symptoms may include the following: <ul style="list-style-type: none"> <li>- Irritation</li> <li>- Dryness</li> <li>- Cracking</li> </ul>
<b>Eye Contact</b>	No specific data

### Delayed and Immediate Effects & Chronic Effects from Short and Long Term Exposure

<b>Inhalation</b>	Over-exposure to the inhalation of airborne droplets or aerosols may irritate the respiratory tract
<b>Ingestion</b>	Ingestion of large quantities may cause nausea and diarrhea
<b>Skin Contact</b>	Prolonged or repeated contact can defat the skin and lead to irritation and/or dermatitis
<b>Eye Contact</b>	Potential risk of transient stinging or redness if accidental eye contact occurs

### Potential Chronic Health Effects

<b>General</b>	<b>USED LUBRICATING OILS</b> Used lubricating oil may contain hazardous components that have the potential to cause skin cancer. Frequent or prolonged contact with all types and makes of used lubricating oil must therefore be avoided, and a high standard of personal hygiene maintained
<b>Carcinogenicity</b>	No known significant effects or critical hazards
<b>Mutagenicity</b>	No known significant effects or critical hazards
<b>Developmental Effects</b>	No known significant effects or critical hazards
<b>Fertility Effects</b>	No known significant effects or critical hazards

## SECTION 12 – ECOLOGICAL INFORMATION

<b>Toxicity</b>	
<b>Environmental Hazards</b>	Not classified as dangerous Based on data available for this or related materials No known significant effects or critical hazards
<b>Persistence &amp; Degradability</b>	Expected to be biodegradable
<b>Bio-Accumulative Potential</b>	This product is not expected to bioaccumulate through food chains in the environment
<b>Mobility in Soil</b>	
<b>Soil/Water Partition coefficient (KOC)</b>	Not available
<b>Mobility</b>	Spillages may penetrate the soil, causing groundwater contamination
<b>Results of PBT and vPvB Assessment</b>	
<b>PBT</b>	Not applicable
<b>vPvB</b>	Not applicable
<b>Other Adverse Effects</b>	
<b>Other Ecological Information</b>	Spills may form a film on water surfaces, causing physical damage to organisms. Oxygen transfer could also be impaired

## SECTION 13 - DISPOSAL CONSIDERATIONS

<b>Disposal Methods</b>	The generation of waste should be avoided or minimised wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should always comply with the requirements of environmental protection and waste disposal legislation and any regional or local authority requirements. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of safely. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and run off and contact with soil, waterways, drains and sewers
<b>Waste Treatment Methods - Product Methods of Disposal</b>	Where possible, arrange for the product to be recycled. Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations
<b>Hazardous Waste</b>	Yes
<b>European Waste Catalogue (EWC)</b>	
<b>Waste Code</b>	<b>Waste Designation</b>
13 02 05*	Mineral-based non-chlorinated engine, gear and lubricating oils

**However, deviation from the intended use and/or the presence of any potential contaminants may require an alternative waste disposal code to be assigned by the end user**

**SECTION 13 - DISPOSAL CONSIDERATIONS (CONT.)**

<b>Methods of Disposal</b>	Where possible, arrange for the product to be recycled. Dispose of via an authorised person/ licensed waste disposal contractor in accordance with local regulations
<b>Special Precautions</b>	This material and its container must be disposed of safely. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers

**SECTION 14 – TRANSPORT INFORMATION**

**Land (as per ADR Classification)** - This material is not classified as dangerous under ADR regulations

**IMDG** - This material is not classified as dangerous under IMDG regulations

**IATA (Country Variations May Apply)** – This material is either not classified as dangerous under IATA regulations or needs to follow country-specific requirements

	<b>Land Transport (ADG)</b>	<b>Sea Transport (IMDG/IMO)</b>	<b>Air Transport (IATA/ICAO)</b>
<b>UN Number</b>	Not regulated	Not regulated	Not regulated
<b>UN Proper Shipping Name</b>	Not regulated	Not regulated	Not regulated
<b>Transport Hazard Class(es)</b>	Not regulated	Not regulated	Not regulated
<b>Packing Group</b>	Not applicable	Not applicable	Not applicable
<b>Environmental Hazards</b>	No	No	No
<b>Special Precautions for User</b>	-	-	-

  

	<b>ADR/RID</b>	<b>ADN</b>	<b>IMDG</b>	<b>IATA</b>
<b>UN Numbers</b>	Not regulated	Not regulated	Not regulated	Not regulated
<b>UN Proper Shipping Name</b>	-	-	-	-
<b>Transport Hazard Class(es)</b>	-	-	-	-
<b>Packing Group</b>	-	-	-	-
<b>Environmental Hazards</b>	No	No	No	No
<b>Special Information</b>	-	-	-	-

**Special Precautions for User** – Not available

**SECTION 15 – REGULATORY INFORMATION**

**Safety, Health and Environmental Regulations/Legislation Specific to the Substance or Mixture**

**EU Regulation (EC) No. 1907/2006 (REACH) -**

**Annex XIV – List of Substances for the Substance or Mixture**

**Substances of Very High Concern** None of the components is listed

**Annex XVII – Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Mixtures and Articles** Not applicable

No known specific National and/or Regional regulations applicable to this product (including its ingredients)

**SECTION 15 – REGULATORY INFORMATION (CONT.)**

<b>Poison Schedule</b>	A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)
<b>Classifications</b>	Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals The classifications and phrases listed below are based on the Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(2004)]
<b>Hazard Codes</b>	None allocated
<b>Risk Phrases</b>	None allocated
<b>Safety Phrases</b>	None allocated
<b>Inventory Listing(s)</b>	All components are listed on ACIS or are exempt
<b>Regulation According to Other Foreign Laws</b>	
REACH Status	For the REACH status of this product, please consult your company contact, as identified in Section 1
United States Inventory (TSCA 8b)	All components are listed or exempted
Australia Inventory (AICS)	All components are listed or exempted
Canada Inventory	All components are listed or exempted
China Inventory (IECSC)	All components are listed or exempted
Japan Inventory (ENCS)	All components are listed or exempted
Korea Inventory (KECI)	All components are listed or exempted
Philippines Inventory (PICCS)	All components are listed or exempted
<b>Chemical Safety Assessment</b> - This product contains substances for which Chemical Safety Assessments are still required	

**SECTION 16 – OTHER INFORMATION****Abbreviations & Acronyms**

<b>ACGIH</b>	American Conference of Government Industrial Hygienists
<b>ADG</b>	Australian Dangerous Goods Code
<b>AND</b>	European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
<b>ADR</b>	The European Agreement concerning the International Carriage of Dangerous Goods by Road
<b>AICS</b>	Australian Inventory of Chemical Substances
<b>ATE</b>	Acute Toxicity Estimate
<b>BCF</b>	Bioconcentration Factor
<b>CAS</b>	Chemical Abstracts Service
<b>CLP</b>	Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] CSA = Chemical Safety Assessment
<b>CSR</b>	Chemical Safety Report
<b>DMEL</b>	Derived Minimal Effect Level
<b>DNEL</b>	Derived No Effect Level
<b>DPD</b>	Dangerous Preparations Directive [1999/45/EC]
<b>DSD</b>	Dangerous Substances Directive [67/548/EEC]
<b>EINECS</b>	European Inventory of Existing Commercial Chemical Substances ES = Exposure Scenario

**SECTION 16 – OTHER INFORMATION (CONT.)**

<b>EMS</b>	Emergency Schedules (Emergency Procedure for Ships Carrying Dangerous Goods)
<b>ENCS</b>	Existing and New Chemical Substances
<b>EUH</b>	Statement = CLP – Specific Hazard Statement
<b>EWC</b>	European Waste Catalogue
<b>GHS</b>	Globally Harmonised System of Classification and Labelling of Chemicals
<b>IARC</b>	International Agency for Research on Cancer
<b>IATA</b>	International Air Transport Association
<b>IBC</b>	Intermediate Bulk Container
<b>IMDG</b>	International Maritime Dangerous Goods
<b>LC50</b>	Lethal Concentration, 50%/Medium Lethal Concentration
<b>LD50</b>	Lethal Dose, 50%/Medium Lethal Dose
<b>Log Pow</b>	Logarithm of the octanol/water partition coefficient
<b>MARPOL 73/78</b>	International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978. ("Marpol" = marine pollution)
<b>NOHSC</b>	National Occupational Health & Safety Commission
<b>OECD</b>	Organisation for Economic Co-operation and Development
<b>OEL</b>	Occupational Exposure Limits
<b>PTB</b>	Persistent, bioaccumulative and Toxic
<b>PNEX</b>	Predicted No-Effect Concentration
<b>RID</b>	The Regulations concerning the International Carriage of Dangerous Goods by Rail, RRN = REACH Registration Number
<b>SAA/SNZ HB 76</b>	Dangerous Goods Initial Emergency Response Guide
<b>SADT</b>	Self-Accelerating Decomposition Temperature
<b>STEL</b>	Short-Term Exposure Limit
<b>STOT-RE</b>	Specific Target Organ Toxicity - Repeated Exposure
<b>STOT-SE</b>	Specific Target Organ Toxicity - Single Exposure
<b>SUSMP</b>	Standard for the Uniform Scheduling of Medicines and Poisons
<b>SVHC</b>	Substances of Very High Concern
<b>SWA</b>	Safe Work Australia
<b>TLV</b>	Threshold Limit Value
<b>TSCA</b>	Toxic Substance Control Act
<b>TWA</b>	Time weighted average
<b>UN</b>	United Nations
<b>UVCB</b>	Complex Hydrocarbon Substance
<b>Varies</b>	May contain one or more of the following: 64741-88-4, 64741-89-5, 64741-95-3, 64741-96-4, 64742-01-4, 64742-44-5, 64742-45-6, 64742-52-5, 64742-53-6, 64742-54-7, 64742-55-8, 64742-56-9, 64742-57-0, 64742-58-1, 64742-62-7, 64742-63-8, 64742-65-0, 64742-70-7, 72623-85-9, 72623-86-0, 72623-87-1
<b>VOC</b>	Volatile Organic Compound
<b>VPvB</b>	Very Persistent and Very Bioaccumulative
<b>WHS</b>	Work Health and Safety Regulations

**History**

<b>Date of Issue/Date of Revision</b>	8/10/2025
<b>Date of Previous Issue</b>	N/A
<b>Prepared By</b>	PM Lubrication from information supplied by Lubricant Specialists Australia

**\*Indicates information that has changed from the previously issued version**

**Notice to Reader**

All reasonable, practicable steps have been taken to ensure this data sheet and the health, safety and environmental information contained in it are accurate as of the date specified above. No warranty or representation, express or implied, is made as to the accuracy or completeness of the data and information in this data sheet.

The data and advice given apply when the product is sold for the stated application or applications. You should not use the product other than for the stated application or applications without seeking advice from PM Lubrication.

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