



# Safety Data Sheet

Issue Date: 14 July 2017

Issued by: Royal Precision Lubricants

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## Product: Heavy Duty Truck Wash

### Section 1. Identification

#### Product Details

Product Identifier Heavy Duty Truck Wash  
Product Code 6067  
Recommended Use Washing

#### Manufacturer or Supplier Details

Supplier Royal Precision Lubricants Pty Ltd (ABN 72 155 989 165)  
Address 40 Kimberly Road, DANDENONG SOUTH, Vic 3175  
Telephone +61 3 9768 2441  
Fax +61 3 9768 3325

Emergency Telephone Number +61 7 3203 2833

### Section 2. Hazard(s) Identification

#### GHS Classification

Not classified as hazardous under the Globally Harmonised System (GHS)

#### GHS Label Elements

Hazard Pictogram No hazard symbol required  
Signal Word No signal word

#### Hazard Statements

Physical Hazards Not classified as a physical hazard under GHS criteria  
Health Hazards Not classified as a health hazard under GHS criteria  
Environmental Hazards Not classified as an environmental hazard under GHS criteria

#### Precautionary Statements

Prevention Not applicable  
Response Not applicable  
Storage Not applicable  
Disposal Not applicable  
Supplemental label elements Not applicable

Other hazards which do not result in classification Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis. Used grease may contain harmful impurities.

### Section 3. Composition and Information on Ingredients

Chemical Nature: Highly refined mineral oils and proprietary performance additives.  
The highly refined mineral oil contains <3% (w/w) DMSO-extract, according to IP346

Ingredients:

Ingredient	% (w/w)	CAS Number
Ingredients determined to be non-hazardous	10-30% w/w	Various
Water	>60% w/w	7732-18-5

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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.

### Section 4. First-aid measures

<b>Eye contact:</b>	Immediately irrigate with copious quantities of water for at least 20 minutes. Eyelids to be held open. Seek medical advice (e.g. ophthalmologist).
<b>Inhalation:</b>	Remove victim to fresh air away from exposure. Obtain medical attention if symptoms occur.
<b>Skin contact:</b>	Wash skin with plenty of water. Remove contaminated clothing and wash before re-use. Seek medical advice (e.g. doctor) if irritation, burning or redness develops.
<b>If swallowed:</b>	Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water immediately. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice (e.g. doctor).
<b>Scheduled Poisons:</b>	Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New Zealand 03 474 7000).
<b>Notes to physician:</b>	No specific antidote. Treat symptomatically. All treatments should be based on observed signs and symptoms of distress of the patient. Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons

### Section 5. Fire-fighting measures

<b>Suitable extinguishing equipment:</b>	Use an extinguishing media suitable for surrounding fires.
<b>Fire Fighting:</b>	Keep containers exposed to extreme heat cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion or decomposition. Evacuate area - move upwind of fire.
<b>Flash Point:</b>	None – does not support combustion.
<b>Fire and Explosion Hazards:</b>	Water based. Not combustible. However if involved in a fire will emit toxic fumes.

### Section 6. Accidental release measures

<b>Occupational Release:</b>	In the event of a major spill, prevent spillage from entering drains or water courses. For large spills, or tank rupture, consider initial evacuation distance of 200 metres in all directions. Stop leak if safe to do so. If available, use water spray to disperse vapour. Wear appropriate protective equipment as in section 8 below to prevent skin and eye contamination. Spilt material may result in a slip hazard and should be absorbed into dry, inert material (e.g. sand, earth or vermiculite), which then can be put into appropriately labeled drums for disposal by an approved agent according to local conditions. Residual deposits will remain slippery. Wash area down with excess water. If contamination of sewers or waterways has occurred advise the local emergency services. In the event of a large spillage notify the local environment protection authority or emergency services.
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## Section 7. Handling and storage

<b>Precautions for safe handling:</b>	Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers closed at all times. Avoid physical damage to containers. Always wash hands with water after handling.
<b>Conditions for safe storage, including any incompatibilities:</b>	Store in a cool, dry, place with good ventilation. Avoid storing in aluminium and light alloy containers. Store away from incompatible materials (Section 10). Keep containers closed at all times – check regularly for leaks.

## Section 8. Exposure controls and personal protection

<b>National Exposure Standards:</b>	National Occupational Exposure Limits, as published by National Occupational Health & Safety Commission: <b>Time-weighted Average (TWA):</b> None established for specific product. See SECTION 3 for Exposure Limits of individual ingredients. <b>Short Term Exposure Limit (STEL):</b> None established for specific product. See SECTION 3 for Exposure Limits of individual ingredients.
<b>Biological limit values:</b>	Not available
<b>Engineering Controls:</b>	Ensure ventilation is adequate to maintain air concentrations below exposure standards. Avoid generating mists of the product. Use only in a well-ventilated area. Ensure airflow, where this product is used, is directed away from the operators.
<b>Personal Protective Equipment</b>	
<b>Respiratory Protection:</b>	This product is not classified as hazardous according to the criteria of Worksafe Australia. Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. Final choice of appropriate protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. The following protective equipment should be available;
<b>Eye Protection:</b>	Generally not required to handle the product as per label directions. The use of safety glasses with side shield protection, goggles or face shield is recommended to handle in quantity, cleaning up spills, decanting, etc. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.
<b>Skin / Body Protection:</b>	Generally not required to handle the product as per label directions. Overalls, work boots and gloves are recommended for handling the concentrated product (as per AS/NZS 2161, or as recommended by supplier) to handle in quantity, cleaning up spills, decanting, etc.
<b>Protective Material Types:</b>	Material suitable for detergent contact – Butyl rubber, Natural Latex, Neoprene, PVC, and Nitrile.
<b>Respirator:</b>	Generally not required to handle the product as per label directions.

## Section 9. Physical and Chemical Properties

Appearance	Blue Liquid
Odour	Fragrant Odour
Specific Gravity	1.0 @ 25°C
Boiling Point	Approximately 100°C
Freezing Point	Approximately 0°C
Vapour Pressure	Not available
Vapour Density	Not available
Flash Point	Not flammable
Flammable Limits	None
Water Solubility	Miscible in all proportions
pH co-efficient of water/oil	6.5 – 7.5 neat
Volatile Organic Compounds	0% v/v
Viscosity	Not available
Odour Threshold	Not available
Evaporation Rate	Not available
Percent Volatile	Ca 90% v/v

## Section 10. Stability and Reactivity

<b>Chemical stability:</b>	Stable under normal conditions of storage and handling.
<b>Conditions to avoid:</b>	May corrode mild steel, copper, aluminium and zinc fittings.
<b>Incompatible Materials:</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	Product can decompose on combustion to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapors.

## Section 11. Toxicological information

<b>Local Effects</b>	Mild irritant: eye, skin, inhalation and ingestion.
<b>Target Organs</b>	Eyes, mucous membranes, skin, lungs.
<b>Potential Health Effects</b>	
<b>Ingestion (short term exposure)</b>	Swallowing large amounts of this product can cause stomach irritation, nausea and diarrhoea.
<b>Ingestion (long term exposure)</b>	No information available.
<b>Skin Contact (short term exposure)</b>	Concentrated product may cause skin irritation. Prolonged contact with concentrated solutions may be irritating. Properly diluted wash solutions not expected to be irritating.
<b>Skin Contact (long term exposure)</b>	contact with solutions may induce eczematoid dermatitis in certain individuals.
<b>Inhalation (short term exposure)</b>	No vapour or mist generally associated with liquid form of the product – water based. Exposure to intentionally generated mists of this product may cause slight nose and throat irritation.
<b>Inhalation (long term exposure)</b>	No information available.

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exposure)

**Eye Contact (short term exposure)** This product may cause eye irritation, watering, redness.

**Eye Contact (long term exposure)** No information available.

**Carcinogen Status**

**NOHSC** No significant ingredient is classified as carcinogenic by NOHSC.

**NTP** No significant ingredient is classified as carcinogenic by NTP.

**IARC** No significant ingredient is classified as carcinogenic by IARC.

**Medical Conditions aggravated by exposure** No information available.

**Classification of Individual Ingredients** **NOTE : This information relates to each individual ingredient, when evaluated as pure undiluted chemical. See SECTION 3 for actual proportions of ingredients present in this product.**

<b>Ingredients</b>	<b>R-Phrases.</b>
100% Non-hazardous ingredients	None

**Section 12. Ecological information**

**Ecotoxicity**

Toxicity to fish None available for specific product.

Toxicity to algae None available for specific product.

Toxicity to invertebrates None available for specific product.

Toxicity to bacteria None available for specific product.

**OECD Biological Degredation**

Biodegradability Individual components stated to be biodegradable.

**General**

Product miscible in all proportions with water. AS WITH ANY CHEMICAL PRODUCT, DO NOT DISCHARGE BULK QUANTITIES INTO DRAINS, WATERWAYS, SEWER OR ENVIRONMENT. Inform local authorities if this occurs.

**Section 13. Disposal considerations**

**Disposal methods**

To dispose of quantities of undiluted product, refer to State Land Waste Management Authority. Transfer product residues to a labelled, sealed container for disposal or recovery. Waste disposal must be by an accredited contractor. As with any chemical, do not put down the drain in quantity. The small quantities contained in wash solutions (when used as directed) can generally be handled by conventional sewage systems, septics, and grey water systems. For larger scale use, eg. Commercial laundry operations, a recycled water system is often recommended, or Trade Waste License obtained for disposal to sewer.

## Section 14. Transport Information

### National Regulations

ADG Not regulated as a dangerous good.

### International Regulations

IATA-DGR Not regulated as a dangerous good.

IMDG-DGR Not regulated as a dangerous good.

## Section 15. Regulatory Information

### Labelling Details

<b>RISK PHRASES</b>	None Allocated
<b>SAFETY PHRASES</b>	None Allocated
<b>SUSDP</b>	None Allocated
<b>ADG CODE</b>	None Allocated
<b>HAZARD</b>	Not Hazardous
<b>AICS</b>	All ingredients present on AICS.

## Section 16. Other Information

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### Abbreviations

ADG = Australian Dangerous Goods  
GHS = Globally Harmonised System of Classification and Labelling of chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk container  
IMDG = International Maritime Dangerous Goods  
STEL = Short term exposure limit  
TWA = time weighted average  
Varies = may contain one or more of the following 101316-69-2, 101316-70-5, 101316-71-6, 101316-72-7, 64741-88-4, 64741-89-5, 64741-95-3, 64741-96-4, 64741-97-5, 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, 64742-64-9, 64742-65-0, 64742-70-7, 72623-85-9, 72623-86-0, 72623-87-1, 74869-22-0, 90669-74-2

### Other Information

The information contained in this SDS is as accurate as we can ascertain at this time. However, as the information is gleaned from a number of third party sources, Royal Precision Lubricants can make no warranty, guarantee or statement as to the reliability or completeness of the information. Royal Precision Lubricants will not accept liability of any damages whatsoever arising from the reliance of this information. It is the responsibility of the person handling the product to satisfy themselves as to the suitability and completeness of such information for their own use.

....End of SDS....