

# ***Material Safety Data Sheet***

***Engine Stop Leak***

Official Powerplus Document 2014 Edition

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## Section 01: **Identification of Material and Supplier**

<b>Product Name</b>	Engine Stop Leak
<b>Other Names</b>	N/A
<b>Product Codes/Trade Names</b>	-
<b>Recommended Use</b>	Automotive engine additive.
<b>Applicable In:</b>	Australia
<b>Supplier</b>	Powerplus
<b>Address</b>	118 Swann Drive, Derrimut Victoria 3030
<b>Telephone</b>	+61 3 93690220
<b>Email Address</b>	info@acbgroup.com.au
<b>Facsimile</b>	+61 3 93690883
<b>Emergency Phone Number</b>	000 Fire Brigade and Police (Available in Australia only).
<b>Poisons Information Centre</b>	Poisons Information Centre: 13 11 26 (Available in Australia only).

This Material Safety Data Sheet (MSDS) is issued by the Supplier in accordance with National standards and guidelines from the Australian Safety and Compensation Council (ASCC, formerly National Occupational Health and Safety Commission - NOHSC). The information in it must not be altered, deleted or added to. The Supplier will not accept any responsibility for any changes made to its MSDS by any other person or organization. The Supplier will issue a new MSDS when there is a change in product specifications and/or ASCC standards, codes, guidelines, or Regulations.

## Section 02: **Hazard Identification**

<b>Hazards Identification</b>	STATEMENT OF HAZARDOUS NATURE: NOT Classified as Hazardous according to the criteria of the Australian Safety and Compensation Council ASCC (formerly NOHSC) Approved Criteria For Classifying Hazardous Substances [NOHSC:1008] 3rd Edition. Engine Stop Leak is NOT classified as Dangerous good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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### **Risk Phrases**

<b>R67</b>	Vapours may cause drowsiness and dizziness.
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### **Safety Phrases**

<b>S23</b>	Do not breathe gas/fumes/vapour/spray.
<b>S24</b>	Avoid contact with skin.
<b>S39</b>	Wear eye/face protection.
<b>S51</b>	Use only in well ventilated areas.
<b>S09</b>	Keep container in a well ventilated place.
<b>S07</b>	Keep container tightly closed.
<b>S26</b>	In case of contact with eyes rinse with plenty of water and contact Doctor or Poisons Information Centre.



## Section 03: **Composition/Information on Ingredients**

<b>Chemical Name</b>	<b>Synonyms</b>	<b>Proportion</b>	<b>CAS Number:</b>
Paraffinic distillate, heavy, solvent-dewaxed (severe)	-	>50	64742-65-0
Nonhazardous ingredients	-	>50	

## Section 04: **First Aid Measures**

**If poisoning occurs, contact a doctor or Poisons Information Centre.**

### **Swallowed**

If swallowed, do NOT induce vomiting. If vomiting occurs, lean patient forward or place on the left side (head-down position, if possible) to maintain open airway and prevent aspiration. Avoid giving milk or oils. Avoid giving alcohol. If spontaneous vomiting appears imminent or occurs, hold patient's head down, lower than their hips to help avoid possible aspiration of vomit.

### **Eyes**

If product gets in eyes, wash repeatedly with water while holding eyelids open to remove material.

### **Skin**

Remove contaminated clothing and footwear. Flush exposed area with water and follow by washing with soap if available.

### **Inhaled**

No first aid measures normally required. If vapors or mists have been inhaled and irritation has developed, remove to fresh air and Observe until recovered. Lay patient down and keep them rested. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.

### **First Aid Facilities**

### **Advice to Doctor**

Any material aspirated during vomiting may produce lung injury. Therefore emesis should not be induced mechanically or pharmacologically. For acute or short term repeated exposures to petroleum distillates or related hydrocarbons: Primary threat to life, from pure petroleum distillate ingestion and/or inhalation, is respiratory failure.

Patients should be quickly evaluated for signs of respiratory distress (e.g. cyanosis, tachypnoea, intercostal retraction, obtundation) and given oxygen. Patients with inadequate tidal volumes or poor arterial blood gases (pO<sub>2</sub> 50 mm Hg) should be intubated.

Treat symptomatically.

Heavy and persistent skin contamination over many years may lead to dysplastic changes.



Pre-existing skin disorders may be aggravated by exposure to this product.

In general, emesis induction is unnecessary with high viscosity, low volatility products, i.e. most oils and greases.

## Section 05: **Fire Fighting Measures**

### **Flammability**

Combustible.

Slight fire hazard when exposed to heat or flame.

Combustion products include: carbon dioxide (CO<sub>2</sub>), phosphorus oxides (PO<sub>x</sub>), sulfur oxides (SO<sub>x</sub>), other pyrolysis products typical of burning organic material. May emit poisonous fumes. May emit corrosive fumes.

CARE: Water in contact with hot liquid may cause foaming and a steam explosion with wide scattering of hot oil and possible severe burns. Foaming may cause overflow of containers and may result in possible fire.

### **Suitable extinguishing media**

Foam & dry chemical powder.

### **Hazards from combustion products**

Combustible material.

### **Special protective precautions and equipment for fire fighters**

Alert Fire Brigade and tell them location and nature of hazard. Wear full body protective clothing with breathing apparatus.

### **HAZCHEM Code**

N/A

## Section 06: **Accidental Release Measures**

### **Emergency Procedure**

MINOR SPILLS

Slippery when spilt.

Remove all ignition sources.

Clean up all spills immediately

MAJOR SPILLS

Slippery when spilt. Moderate hazard.

Clear area of personnel and move upwind.

Alert Fire Brigade and tell them location and nature of hazard.

## Section 07: **Handling and Storage**

### **Handling**

Containers, even those that have been emptied, may contain explosive vapours.



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Ph: 03 9369 0220 Fax: 03 9369 0883 [www.powerplusfuel.com.au](http://www.powerplusfuel.com.au)

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Do NOT cut, drill, grind, weld or perform similar operations on or near containers.  
 Electrostatic discharge may be generated during pumping - this may result in fire.  
 Ensure electrical continuity by bonding and grounding (earthing) all equipment.  
 Avoid all personal contact, including inhalation.  
 Wear protective clothing when risk of exposure occurs.

**SUITABLE CONTAINER**

Metal can or drum  
 Packaging as recommended by manufacturer.

**STORAGE INCOMPATIBILITY**

CARE: Water in contact with heated material may cause foaming or a steam explosion with possible severe burns from wide scattering of hot material. Resultant overflow of containers may result in fire.

Avoid reaction with oxidising agents.

**STORAGE REQUIREMENTS**

Store in original containers.  
 Keep containers securely sealed

**Incompatibilities**

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

**Section 08: Exposure Controls/Personal Protection**

**Exposure Standards**

National Occupational Exposure Standard (NES) Australian Safety & Compensation Council, ASCC (formerly NOHSC) Engine Stop Leak (Source: Australian Exposure Standards)

**Material**

**TWA mg/m3**

<b>Material</b>	<b>TWA mg/m3</b>
Paraffinic distillate, heavy, solvent dewaxed (severe) (oil, mist, refined mineral)	5

**Notes**

All occupational exposures to atmospheric contaminants should be kept to as low a level as is workable (practicable) and in all cases to below the National Standard.  
 These Exposure Standards are guides to be used in the control of occupational health hazards.  
 These Exposure Standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.  
 TWA (Time Weighted Average): the time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.



<b>Notes</b>	According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers. STEL (Short Term Exposure Limit): the average airborne concentration over a 15 minute period that should not be exceeded at any time during a normal eight-hour work day.
<b>Biological Limit Values</b>	N/A
<b>Ventilation</b>	A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Use a flame proof exhaust ventilation system. Ventilation system should be explosion resistant.
<b>Special Consideration for Repair &amp;/or Maintenance of Contaminated Equipment</b>	No data available.
<b>Personal Hygiene Body Protection</b>	EYES: Chemical goggles to prevent splashing in the eyes or safety glasses with side shields. (AS1336/1337). HANDS: Butyl rubber or PVC gloves break through time 4hr (AS2161). CLOTHING: Flame-retardant coveralls and anti-static footwear (AS3765/2210). Overalls & PVC Apron.
<b>Respiratory Protection</b>	RESPIRATOR: Type ANO filter of sufficient capacity.
<b>Thermal Protection</b>	None should be needed under normal circumstances.
<b>Smoking &amp; Other Dusts</b>	Smoking must be prohibited in all areas where this product is used - see safety information on flammability.

## Section 09: **Physical and Chemical Properties**

<b>Appearance</b>	Clear amber brown liquid
<b>Odour</b>	-
<b>pH, at stated concentration</b>	N/A
<b>Vapour pressure</b>	No data available
<b>Vapour Density</b>	No data available
<b>Boiling Point (°C)</b>	No data available
<b>Freezing/Melting Point (°C)</b>	N/A
<b>Solubility</b>	Immiscible
<b>Specific Gravity (H2O = 1)</b>	No data available
<b>Flash Point</b>	No data available
<b>Flash Point Method</b>	No data available
<b>Flammable (Explosive)</b>	No data available (as percentage volume in air)
<b>Limit - Upper</b>	



<b>Flammable (Explosive) Limit - Lower</b>	No data available (as percentage volume in air)
<b>Auto ignition Temperature</b>	No data available
<b>Evaporation Rate</b>	No data available
<b>Volatile Organic Compounds Content (VOC)</b>	(as specified by the Green Building Council of Australia) 100%
<b>% Volatiles</b>	No data available

## Section 10: **Stability and Reactivity**

<b>Chemical Stability</b>	CONDITIONS CONTRIBUTING TO INSTABILITY Presence of incompatible materials. Product is considered stable. For incompatible materials- refer to Section 7-Handling and Storage
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## Section 11: **Toxicological Information**

<b>Potential Health Effects</b>	Vapours may cause dizziness or suffocation.
<b>Acute Health Effects</b>	Vapours may cause drowsiness and dizziness
<b>Toxicity And Irritation</b>	Not available. Refer to individual constituents PARAFFINIC DISTILLATE, HEAVY, SOLVENT-DEWAXED (SEVERE): unless otherwise specified data extracted from RTECS - Register of Toxic Effects of Chemical Substances No data of toxicological significance identified in literature search. The substance is classified by IARC as Group 3: NOT classifiable as to its carcinogenicity to humans. Evidence of carcinogenicity may be inadequate or limited in animal testing
<b>Chronic Health Effects</b>	Not applicable.

## Section 12: **Ecological Information**

<b>Eco-toxicity</b>	No data available
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## Section 13: **Disposal Considerations**

Disposal methods: Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area. DO NOT allow wash water from cleaning or process equipment to enter drains. It may be necessary to collect all wash water for treatment before disposal. Recycle wherever possible or consult manufacturer for recycling options. Consult State Land Waste Authority for disposal

## Section 14: **Transport Information**

<b>Proper Shipping Name</b>	None Allocated
<b>UN number</b>	None Allocated
<b>DG Class</b>	None Allocated
<b>Subsidiary Risk 1</b>	-
<b>Packaging Group</b>	None Allocated
<b>HAZCHEM code</b>	None Allocated

## Section 15: **Regulatory Information**

**Poisons Schedule** -

## Section 16: **Other Information**

**Contact** ACB Group (ABN 79 724 186 134)  
118 Swann Drive, Derrimut Victoria-3030, Australia.  
Phone: +61 3 93690220  
Fax: +61 3 93690883

**AS1020**  
**AS1076** The Control of undesirable static electricity.  
Code of Practice for selection, installation and maintenance of electrical apparatus and associated equipment for use in explosive atmospheres (other than mining applications) – Parts 1 to 13.

**AS/NZS 1336**  
**AS/NZS 1715** Recommended Practices for Occupational Eye Protection  
Selection, Use and Maintenance of Respiratory Protective Devices

**AS/NZS 1716** Respiratory Protective Devices



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<b>AS 1940</b>	The Storage and Handling of Flammable and Combustible Liquids.
<b>AS 2161</b>	Industrial Safety Gloves and Mittens (excluding electrical and medical gloves)
<b>AS2380</b>	Electrical equipment for explosive atmospheres – Explosion Protection Techniques (Parts 1 to 9).
<b>AS3000</b>	Electrical installations (known as the Australian/New Zealand Wiring Rules).
<b>NOHSC:2011(2003)</b>	National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition, April 2003, National Occupational Health and Safety Commission.
<b>NOHSC; 2012 (1994)</b>	National Code of Practice for the Labelling of Workplace Substances, March 1994, Australian Government Publishing Service, Canberra.
<b>NES</b>	National Occupational Exposure Standards for workplace Atmospheric Contaminants (NES) Australian Safety and Compensation Council, ASCC (Formerly NOHSC) 1995 as amended.
<b>ADG Code 6th Edition</b>	Australian Dangerous Goods Code 6th Edition
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