



# SAFETY DATA SHEET

**Product Name:** PREMIUM DEGREASER

**Date of Issue:** FEB 2017

Page 1 of Total 7

## SECTION 1 – STATEMENT OF CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>Trade Name:</b>	<b>PREMIUM DEGREASER</b>		
<b>SUPPLIER:</b>	ECOCLEAN UTILITY AGENCIES PTY LTD		
<b>ADDRESS:</b>	PO Box 6224 YATALA DC 4207		
<b>TELEPHONE:</b>	(07) 5549 3622	<b>FAX:</b>	(07) 5549 3666
<b>EMERGENCY PHONE:</b>	13 1126 in Australia.	<b>ABN:</b>	72 135 037 160
<b>Substance:</b>	Solvent based liquid	<b>Product Use:</b>	Solvent degreaser
<b>Creation Date:</b>	Feb 2017	<b>Revision Date:</b>	Feb 2022

## SECTION 2 – HAZARDS IDENTIFICATION

### Classification of the substance or mixture

<b>Poisons Schedule</b>	S5 (LIQUID HYDROCARBONS)
<b>Dangerous Goods</b>	Classified as Dangerous Goods class 3 Flammable
<b>GHS Classification</b>	Eye Irritation Category 2A Skin Irritation Category 2 Specific Target Organ Toxicity 3 Flammable Liquids Category 3 Aspiration Hazard Category 1 Carcinogenicity Category 2

### Label elements

<b>GHS label pictograms</b>	  
	GHS07                      GHS08                      GHS02

**Signal word** DANGER

### Hazard statement(s)

<b>H319</b>	Causes serious eye irritation.
<b>H315</b>	Causes skin irritation.
<b>H335</b>	May cause respiratory irritation.
<b>H226</b>	Flammable liquid and vapour.
<b>H304</b>	May be fatal if swallowed and enters airways.
<b>H351</b>	Suspected of causing cancer.

### Precautionary statement(s): General

<b>P102</b>	Keep out of reach of children.
<b>P103</b>	Read label before use.

### Precautionary statement(s): Prevention

<b>P201</b>	Obtain special instructions before use.
<b>P202</b>	Do not handle until all safety precautions have been read and understood.
<b>P210</b>	Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
<b>P233</b>	Keep container tightly closed.
<b>P240</b>	Ground/bond container and receiving equipment.
<b>P241</b>	Use explosion-proof electrical/ventilating/lighting/.../equipment.
<b>P242</b>	Use only non-sparking tools.



# SAFETY DATA SHEET

**Product Name:** PREMIUM DEGREASER

**Date of Issue:** FEB 2017

**Page 2 of Total 7**

<b>P243</b>	Take precautionary measures against static discharge.
<b>P261</b>	Avoid breathing fume/mist/vapours/spray.
<b>P271</b>	Use only outdoors or in a well-ventilated area.
<b>P264</b>	Wash thoroughly after handling.
<b>P280</b>	Wear protective gloves/protective clothing/eye protection/face protection.
<b>P281</b>	Use personal protective equipment as required.

### Precautionary statement(s): Response

<b>P305+P351+P338</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>P337 + P313</b>	If eye irritation persists: Get medical advice/attention.
<b>P301 + P310</b>	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
<b>P331</b>	Do NOT induce vomiting.
<b>P304 + P340</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
<b>P312</b>	Call a POISON CENTER or doctor/physician if you feel unwell.
<b>P302 + P352</b>	IF ON SKIN: Wash with plenty of soap and water.
<b>P332 + P313</b>	If skin irritation occurs: Get medical advice/attention.
<b>P362</b>	Take off contaminated clothing and wash before reuse.
<b>P308 + P313</b>	IF exposed or concerned: Get medical advice/ attention.
<b>P321</b>	Specific treatment (see First Aid Measures on Safety Data Sheet).
<b>P370 + P378</b>	In case of fire: use foam, water spray or fog, dry chemical powder or carbon dioxide for extinction. Do not use water in a jet.

### Precautionary statement(s): Storage

<b>P403 + P235 + P233</b>	Store in a well-ventilated place. Keep cool. Keep container tightly closed.
<b>P405</b>	Store locked up.

### Precautionary statement(s): Disposal

<b>P501</b>	Dispose of contents/ container in accordance with local regulations.
-------------	--

### Note

<b>IMPORTANT</b>	This SDS and the Hazard Classifications contained therein, only apply to the product in its concentrated form, as supplied. When diluted to 1:100 or greater they no longer apply. However, good hygiene and housekeeping practices should be adhered to.
------------------	---

## SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion:
Low Aromatic White Spirit - Naphtha (petroleum), hydrodesulfurized heavy With components:	64742-82-1	>60% w/w
1,2,4-Trimethylbenzene	95-63-6	< 10% w/w
1,3,5-Trimethylbenzene	108-67-8	< 10% w/w
Naphthalene	91-20-3	< 10% w/w
Xylene, Mixed Isomers	1330-20-7	< 10% w/w
Note – contains < 0.1% benzene		
Alcohol Ethoxylates	68439-46-3	< 10% w/w
Ingredients determined to be non-hazardous	various	< 10 % w/w

NOTE: Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication "List of Designated Hazardous Substances" or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication "Approved Criteria for Classifying Hazardous Substances", or have been found NOT to meet the criteria of a dangerous substance as



# SAFETY DATA SHEET

**Product Name:** PREMIUM DEGREASER

**Date of Issue:** FEB 2017

**Page 3 of Total 7**

defined in the GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS), 4th edition United Nations 2011. Listed ingredients may be below the cut-off concentrations for classification as hazardous, but are listed for information purposes and for additive effects.

## SECTION 4 – FIRST AID MEASURES

<b>Inhalation</b>	Keep victim calm and remove to fresh air if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.
<b>Skin contact</b>	Immediately wash contaminated skin with plenty of soap and water. Remove contaminated clothing and wash before re-use. Seek medical advice (e.g. doctor) if irritation, burning or redness persists.
<b>Eye contact</b>	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. If symptoms persist, seek medical attention.
<b>Ingestion</b>	If swallowed, do NOT induce vomiting. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.
<b>Advice to Doctor</b>	Treat symptomatically.
<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 0800 764 766).
<b>First Aid Facilities</b>	Eye wash station. Normal washroom facilities.

## SECTION 5 – FIRE FIGHTING MEASURES

<b>Fire and Explosion Hazards</b>	Flammable liquid. In use, may form flammable/explosive vapour air mixture. If involved in a fire will emit toxic fumes.
<b>Extinguishing Media</b>	Foam, water spray or fog, dry chemical powder or carbon dioxide. Do not use water in a jet.
<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.
<b>Flash Point</b>	Flash point ca 38 °C

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedures</b>	<p>HAZCHEM code: 3Y 3 = use FOAM to fight fires. Y = Yes – risk of violent reaction, recommend full fire kit and breathing apparatus for fire only, CONTAIN.</p> <p>Shut off engine and electrical equipment off. No smoking or naked lights within 50 metres. Move people from immediate area; keep upwind. Send messenger to notify fire brigade and police. Tell them location, material quantity, UN number and emergency contact. Indicate condition of vehicle and damage or injuries observed. Warn other traffic.</p> <p><b>Occupational Release</b></p> <p>Minor spills do not normally need any special clean-up measures. 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. Remove all ignition sources. 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 labelled 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.</p>
-----------------------------	---



# SAFETY DATA SHEET

**Product Name:** PREMIUM DEGREASER





**Date of Issue:** FEB 2017

**Page 4 of Total 7**

## SECTION 7 – HANDLING AND STORAGE

<b>Handling</b>	Avoid skin or eye contact with concentrate. Wear protective clothing when risk of exposure occurs. 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 soap and water after handling. Work clothes should be laundered. Launder contaminated clothing before re-use.
<b>Storage</b>	Store in a cool, dry, well-ventilated area, out of direct sunlight. Protect from freezing. Store in suitable, labelled containers. Keep containers tightly closed. Store away from incompatible materials and ignition sources. Ensure that storage conditions comply with applicable local and national regulations.

## SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Exposure Limits</b>	National Occupational Exposure Limits, as published by National Occupational Health & Safety Commission: <b>Time-weighted Average (TWA):</b> None established for product. In the absence of data from National Occupational Health & Safety Commission (NOHSC) Worksafe Australia use - Mineral Spirits 175-220 HSPA: 350mg/m <sup>3</sup> TWA (8hr) <b>Short Term Exposure Limit (STEL):</b> None established for product.
<b>Ventilation</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>	Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. The following protective equipment should be available;
<b>Eye Protection</b> 	Safety glasses with full face shield should be used for handling concentrate in quantity, cleaning up spills, decanting, etc. Eye protection devices should conform to relevant regulations. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
<b>Hand Protection</b> 	Use solvent resistant gloves, nitrile for longer term protection or PVC and neoprene for incidental splashes – to handle in quantity, clean up spills, decanting, etc. Final choice of appropriate gloves will vary according to individual circumstances. i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
<b>Body Protection</b> 	Suitable protective workwear, e.g. rubber or plastic apron, sleeves, boots and cotton overalls buttoned at neck and wrist are recommended. Chemical resistant apron is recommended where large quantities are handled.
<b>Respirator</b> 	If work practices do not maintain airborne level below the exposure standard, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter. Select a filter for organic gases and vapours (boiling point > 65°C). Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Non-viscous liquid	<b>Colour</b>	Green
<b>Odour</b>	characteristic odour	<b>Specific Gravity</b>	0.80 – 0.90 @ 25 °C
<b>Boiling Point</b>	Typical 145 - 300 °C	<b>Freezing Point</b>	Data not available
<b>Vapour Pressure</b>	Not available	<b>Vapour Density</b>	Not available



# SAFETY DATA SHEET

**Product Name:** PREMIUM DEGREASER

**Date of Issue:** FEB 2017

**Page 5 of Total 7**

<b>Flash Point</b>	Approximately 38 °C	<b>Flammable Limits</b>	1.0 - 6.0%
<b>Water Solubility</b>	Miscible	<b>pH</b>	8.5 – 9.5 @ 1%
<b>Volatile Organic Compounds (VOC)</b>	Ca 90 % v/v	<b>Per Cent Volatile</b>	Ca 90 % v/v
<b>Viscosity</b>	Not available	<b>Odour Threshold</b>	Not available

## SECTION 10 – STABILITY AND REACTIVITY

<b>Reactivity</b>	Stable at normal temperatures and pressure.
<b>Conditions to Avoid</b>	Avoid heat, sparks, open flames and other ignition sources.
<b>Incompatibilities</b>	Strong oxidising agents.
<b>Hazardous Decomposition</b>	Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids, gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.

## SECTION 11 – TOXICOLOGICAL INFORMATION

### POTENTIAL HEALTH EFFECTS

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

<b>Inhalation</b>	Breathing of high vapour concentrations may cause central nervous system depression resulting in dizziness, light-headedness, headache, nausea and loss of coordination. Continuous inhalation may result in unconsciousness and death.
<b>Skin contact</b>	May include redness, itching and swelling, burning sensation, blisters.
<b>Eye contact</b>	Concentrated product causes eye irritation. Eye contact with concentrate will cause stinging, blurring, tearing.
<b>Ingestion</b>	May cause irritation to the mouth, throat, oesophagus and stomach with symptoms of nausea, abdominal discomfort, vomiting and diarrhoea, coughing, choking, wheezing, difficulty in breathing, chest congestion, shortness of breath, and/or fever. Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.
<b>Chronic exposure</b>	No known effects.
<b>Toxicology Information</b>	Not toxic, based on ingredients. Oral LD50 (calculated) : >10,000 mg/L LD50 Dermal (rat) > 2000 mg/kg LC50 Inhalation greater than near-saturated vapour concentration (rat, 4h).
<b>Carcinogen Status</b>	
<b>NOHSC</b>	No significant ingredient is classified as carcinogenic by NOHSC.
<b>NTP</b>	No significant ingredient is classified as carcinogenic by NTP.
<b>IARC</b>	Naphthalene - Classified by the International Agency for Research on Cancer (IARC) as a Group 2B. Group 2B – The agent is possibly carcinogenic to humans.
<b>Respiratory sensitisation</b>	Not expected to be a respiratory sensitizer.
<b>Skin Sensitisation</b>	Not expected to be a skin sensitizer.
<b>Germ cell mutagenicity</b>	Not considered to be a mutagenic hazard.
<b>Reproductive Toxicity</b>	Not considered to be toxic to reproduction.
<b>STOT-single exposure</b>	Inhalation of vapours or mists may cause irritation to the respiratory system.
<b>STOT-repeated exposure</b>	Central nervous system: repeated exposure affects the nervous system. Effects seen at high doses only. Auditory system: prolonged and repeated exposures to high concentrations have resulted in hearing loss in rats. Solvent abuse and noise interaction in the work environment may cause hearing loss.
<b>Aspiration Hazard</b>	Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.



# SAFETY DATA SHEET

**Product Name:** PREMIUM DEGREASER

**Date of Issue:** FEB 2017

Page 6 of Total 7


## SECTION 12 – ECOLOGICAL INFORMATION

<b>Eco-toxicity Product (as sold)</b>	Toxic to aquatic life with long-lasting effects. Acute Aquatic Toxicity - 2 /Chronic Aquatic Toxicity – 2 Acute Aquatic Toxicity (Calculated) LC50: 1.1 – 9.7 mg/L.
<b>Eco-toxicity Product (at use dilution 1:100 rinse)</b>	Not harmful to aquatic life. LC50 > 100mg/L. Acute Aquatic Toxicity NOT HAZARDOUS Acute Aquatic Toxicity (Calculated) LC50: 110 - 970 mg/L.
<b>Persistence and degradability</b>	Biodegradable. Oxidises by photo-chemical reactions in air.
<b>Bio accumulative potential</b>	Has the potential to bio-accumulate.
<b>Mobility in soil</b>	Floats on water.
<b>Other adverse effects</b>	Not available
<b>Environmental Protection</b>	Do not discharge this material into waterways.

## SECTION 13 – DISPOSAL CONSIDERATIONS

	Dispose of waste according to applicable local and national regulations. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations.
--	---

## SECTION 14 – TRANSPORT INFORMATION

<b>Labels Required</b>	
<b>ADG</b>	 Classified as Dangerous Goods class 3
<b>IMDG Marine Pollutant</b>	No
<b>HAZCHEM</b>	3Y
<b>Land Transport (ADG)</b>	
<b>UN Number</b>	1993
<b>Proper Shipping Name</b>	FLAMMABLE LIQUID, N.O.S. (KEROSENE)
<b>ADG Code</b>	3
<b>HAZCHEM Code</b>	3Y
<b>Special Provisions</b>	None allocated.
<b>Packing Group</b>	III
<b>Packaging Method</b>	3.8.3 RT1
<b>Segregation</b>	Segregation Class 3 – Flammable liquid shall not be loaded in the same vehicle or packed in the same freight container with: Class 1, Explosives Class 2.1, Flammable Gases, if both the Class 3 and Class 2.1 dangerous goods are in bulk Class 2.3, Toxic Gases Class 4.2 Spontaneously Combustible Substances Class 5.1 Oxidising Agents and Class 5.2, Organic Peroxides Class 6 Toxic Substances (where the flammable liquid is nitromethane) Class 7 Radioactive Substances. Foodstuff and foodstuff empties.



# SAFETY DATA SHEET

**Product Name:** PREMIUM DEGREASER

**Date of Issue:** FEB 2017

**Page 7 of Total 7**

## SECTION 15 – REGULATORY INFORMATION

<b>GHS Classification</b>	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
<b>SUSMP</b>	S5 (LIQUID HYDROCARBONS)
<b>ADG Code</b>	UN 1993 FLAMMABLE LIQUID, N.O.S.
<b>AICS</b>	All ingredients present on AICS.

## SECTION 16 – OTHER INFORMATION

<b>Issue Date</b>	16 <sup>th</sup> February 2017
<b>Version Number</b>	V 2.0 GHS classification
<b>Abbreviations and acronyms</b>	<p><b>ADG Code:</b> Australian Code for the Transport of Dangerous Goods by Road and Rail.</p> <p><b>AICS:</b> Australian Inventory of Chemical Substances.</p> <p><b>CAS Number:</b> Chemical Abstracts Service Registry Number.</p> <p><b>GHS:</b> Globally Harmonized System of Classification and Labelling of Chemicals</p> <p><b>HAZCHEM:</b> An emergency action code of numbers and letters which gives information to emergency services.</p> <p><b>HSIS:</b> Hazardous Substances Information System</p> <p><b>IARC:</b> International Agency for Research on Cancer.</p> <p><b>NOHSC:</b> National Occupational Health and Safety Commission.</p> <p><b>NTP:</b> National Toxicology Program (USA).</p> <p><b>SDS:</b> Safety Data Sheet</p> <p><b>STEL:</b> Short Term Exposure Limit.</p> <p><b>SUSMP:</b> Standard for the Uniform Scheduling of Medicines and Poisons.</p> <p><b>TWA:</b> Time Weighted Average.</p> <p><b>UN Number:</b> United Nations Number.</p>
<b>Literature references</b>	<p>Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice ( Safe Work Australia)</p> <p>GHS Hazardous Chemical Information List (Safe Work Australia)</p> <p>Guidance on the Classification of Hazardous Chemicals under the WHS Regulations.</p> <p>Global Harmonized System of Classification and Labelling of Chemicals (GHS)</p> <p>“Australian Exposure Standards”. Safework Australia</p> <p>Australian Code For The Transport Of Dangerous Goods By Road And Rail</p> <p>Standard for the Uniform Scheduling of Medicines and Poisons</p> <p>Material Safety Data Sheets – individual raw materials – Suppliers</p> <p>HSIS – Hazardous Substance Information System – National Safe Work Australia Data Base.</p> <p>HCIS – Hazardous Chemical Information System – National Safe Work Australia Data Base.</p>
<b>Disclaimer</b>	<p>This MSDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier.</p>

**End of SDS**