



## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product: Engine Degreaser  
 Product Code: ED  
 Product Use: Degreaser for removing oil, grease and grime

New Zealand Supplier: Car Clean Products NZ Limited  
 Address: 33 Ha Crescent  
 Wiri  
 Auckland

Telephone: 09 250 0091  
 Fax Number: 09 250 0092

**Emergency Telephone: 0800 POISON (0800 764 766)**

Date of MSDS Preparation January 2019

### Section 2. Hazards Identification



#### Potential Health Effects

**DANGER**

**H224 Extremely flammable liquid and vapour**  
**H302 Harmful if swallowed**  
**H312 Harmful in contact with skin**  
**H304 May be fatal if swallowed and enters airways**

Swallowed Acute oral LD50 (rat) expected to be above 2000 mg/kg.  
 Aspiration into the lungs may cause chemical pneumonitis, which can be fatal

Eyes Not irritating. May cause transitory pain

Skin	Not a skin sensitizer. Prolonged contact can cause defatting which can lead to dermatitis
Inhalation	May cause headache, dizziness, nausea and narcosis

### Section 3. Composition / Information on Ingredients

Ingredients	Proportion (% mass)	CAS Number
HAWS ( High aromatic white spirit )	<90	64742-88-7
Nonylphenol Ethoxylate/s	<10	9016-45-9
Cocoamidopropyl Betainer	<5	61789-40-0

### Section 4. First Aid Measures

Routes of Exposure:

Eye	Flush with water for at least 15 minutes. Seek medical attention if problems persist
Skin	Wash thoroughly with soap and water
Ingestion	Do not induce vomiting. Give nothing by mouth. Seek medical attention immediately
Inhalation	Remove to fresh air. If breathing is difficult, seek medical attention immediately

### Section 5. Fire Fighting Measures

Suitable Extinguishing media	Foam, Dry Chemical, carbon dioxide
Fire and Explosion hazards	Flammable liquid. Vapour accumulation could flash and/or explode if ignited. Vapour heavier than air causing ignition at remote site from fire.
Fire Fighting Instructions	Fire fighters must use recommended protective equipment and self-contained breathing apparatus <b>Hazchem code 3Y</b>

### Section 6. Accidental Release Measures

Land Spill or Leaks	For large spills or leaks evacuate non-essential personnel from the spill area and eliminate all ignition sources. Report spill to fire brigade. If possible remove leaking containers to a detached area wearing approved respirator
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and personal protection equipment. Bund spill area with inert material

Water Spill

Prevent from entering drains, sewers or waterway. If large spill advise local regional council environmental office for assistance with containment

## Section 7. Handling and Storage

Avoid prolonged or repeated contact with skin. Do not breathe spray/mists. Take precautionary measures against static discharges. Earth all equipment.

Handling Advice:

Ensure that empty containers are triple rinsed or punctured before disposal.

Storing Procedures:

Store away from heat and open flames. Store at ambient temperatures. Keep containers tightly closed and in a well-ventilated place

## Section 8 Exposure Controls / Personal Protection

Engineering Controls:

Use only in well ventilated area

Personal Protective Equipment:

Use chemical resistant gloves (PVC, or nitrile)

For transferring or handling bulk quantities chemical safety goggles required for eyes. PVC Gloves, chemical resistant safety shoes or boots and standard issue work clothes should be worn.  
Respirator mask not required under normal label use.

## Section 9 Physical and Chemical Properties

Appearance	Dark Green Liquid
Odour:	hydrocarbon
Odour threshold	Data not available
pH	N/A
Melting/Freezing point	Data not available
Initial boiling point/range	150-300°C
Flash point	36°C
Flammability	Data not available
Upper/Lower flammability limit	Data not available
Vapour pressure	Data not available
Vapour density	Data not available
Relative density	Data not available
Solubility in water, % mass:	Emulsifies
Partition coefficient	Data not available
Auto-ignition temperature	Data not available
Decomposition temperature	Data not available

Kinematic viscosity	Data not available
Particle characteristics	Data not available

## Section 10. Stability and Reactivity

Chemical Stability	Stable
Conditions to Avoid and Incompatibility	Strong oxidizing agents
Hazardous Decomposition Products	Can form carbon dioxide and carbon monoxide in a fire

## Section 11 Toxicological Information

Acute Oral Toxicity	Acute oral LD50 (rat) expected to be above 5000 mg/kg.
Acute Dermal Toxicity	LD50 Rabbit > 3000 mg / kg bw
Inhalation	Acute inhalational LC50 (rat) expected to be > 5 mg/l.

## Section 12. Ecotoxicological Information

### Environmental Precautions

*Ecological Toxicity* Not biodegradable. Will persist in the environment

### Environmental Fate ;

*Soil* Will persist in soil and contaminate groundwater

*Water* Expected to be toxic to aquatic organisms and organisms in sewage treatment plants

Environmental Exposure Limits EEL<sub>water</sub> Not set

## Section 13. Disposal Considerations

Dispose of waste at an appropriate waste disposal facility in accordance with local authority by laws. Triple rinse containers or puncture to prevent re-use.

## Section 14 Transport Information

### Road, Rail, Marine and Air Transport

UN No	1993
Class-primary	3
Packing Group	III
Proper Shipping Name:	Flammable Liquids N.O.S.

**Section 15 Regulatory Information**

ERMA classification	Cleaning Products (Flammable)
Classification	3.1C, 6.1E, 6.3B, 9.1C
ERMA Approval No	HSR002528

**Section 16 Other Information**

Supplied in 4lt, 20lt, 200lt. Code: ED4, ED20, ED9

The information herein is given in good faith, but no warranty, express or implied is made.

Please contact the New Zealand proprietor, Car Clean Products NZ Limited,  
Phone: 09 250 0091, if further information is required.

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## ENGINE DEGREASER

### **PURPOSE:**

Engine Degreaser is a high quality solvent degreaser that is suitable for removing oil, grease and grime. Engine Degreaser is water-soluble and ideal for degreasing machinery, parts and engines.

### **DIRECTIONS:**

**Do not use when engine is hot. Spray onto surface. Allow to penetrate, scrub if necessary and rinse with hot or cold water.**

### **WARNING:**

Harmful if swallowed or inhaled. Eye or skin contact may cause irritation.

### **DANGER:**

### **GIVES OFF HIGHLY FLAMMABLE VAPOUR.**

Keep well away from heat, sparks and open flame. Keep closed when not in use.

**KEEP OUT OF REACH OF CHILDREN.**