



Classified as non-hazardous according to criteria of  
Worksafe Australia

## ACS HD Degreaser

### 5. FIRE-FIGHTING MEASURES

**Specific hazards:** Non-flammable material under ADG code

**Special protective precautions and equipment:** Not combustible, however following evaporation of aqueous component residual material can burn if ignited. On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

**Suitable extinguishing media:** Not combustible, however, if material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

**Hazchem Code:** Not applicable

### 6. ACCIDENTAL RELEASE MEASURES

**Small Spills:** Wear protective equipment to prevent skin and eye contamination. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

**Large spills:** Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of sewers or waterways has occurred advise local emergency services and dilute with plenty of water.

### 7. HANDLING AND STORAGE

**Handling Precautions:** Wear protective goggles, face shield, rubber gloves and protective clothing to prevent skin and eye contamination. Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet.

**Precautions for Storage:** Keep in cool, dry storage area. Keep containers closed when not in use. Only store material in original container, do not store with dangerous when wet substances (class 4.3), oxidising agents (class 5), cyanides (class 6), strong acids (class 8) or foodstuffs.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Limits:** None established for this product

**Personal Protective Equipment:**

Avoid contact with the skin and eyes, and avoid breathing vapours or mists. When exposure is likely, personal protective equipment in a combination appropriate to the degree and nature of exposure, should be selected from the following list:-

- (1) Eye protection
- (2) Neoprene, butyl rubber gloves
- (3) Leather boots

**CONTAMINATION**

If contamination occurs, change clothing taking care to avoid skin contact with the contaminated area, and discard internally contaminated gloves and footwear. Launder contaminated clothing before reuse. Observe good personal hygiene. Eye wash fountains and safety showers should be available for emergency use.

**Engineering Controls:** Special ventilation is not normally required due to the low volatility of the product at normal temperatures. However, in the operation of certain equipment or at elevated temperatures, mists or vapour may be generated and exhaust ventilation should be provided to maintain airborne concentration levels as low as is reasonably practicable.

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<b>Appearance:</b>	Blue coloured clear liquid
<b>Odour:</b>	Slight odour
<b>Melting Point:</b>	Not applicable
<b>Boiling Point:</b>	100°C
<b>Solubility in Water:</b>	100% soluble
<b>Specific Gravity (H<sub>2</sub>O=1):</b>	0.95 – 1.00 kg/l
<b>Vapour Pressure:</b>	Similar to water
<b>Viscosity:</b>	Not applicable
<b>Volatiles:</b>	88% +/-1%
<b>pH as supplied:</b>	Not applicable

**10. STABILITY AND REACTIVITY**

**Stability:** This material is thermally stable when stored and used as directed.

**Conditions to avoid:** Do not store with oxidising agents (class 5)

**Incompatible Materials:** Not to be loaded or stored with dangerous when wet substances (class 4.3), oxidising agents (class 5), cyanides (class 6), strong acids (class 8), cationic detergents or foodstuffs..

**Hazardous decomposition products:** Upon combustion of product will result in Carbon Monoxide and Carbon Dioxide.

**Hazardous reactions:** Hazardous reactions may occur with dangerous when wet substances (class 4.3) and oxidising agents (class 5)

**11. TOXICOLOGICAL INFORMATION**

**Ingestion:** May cause abdominal pain, nausea, vomiting, and gastrointestinal tract irritation if **large amounts** are ingested.

**Eye:** May irritate, causing pain, redness and tearing

**Skin:** Mild irritation may occur. Frequent or prolonged contact may cause dermatitis in some individuals.

**Inhalation:** At ambient temperatures, a low irritation hazard  
If heated or sprayed in a confined space product may cause irritation to the respiratory tract causing coughing, sneezing, nasal discharge, headache, hoarseness and nose and throat pain.

**Reproductive Effects:** None known.  
Does not contain chemicals implicated in adverse reproductive effects.

**Other Information:** None established

**12. ECOLOGICAL INFORMATION**

**Information on Ecological Effects:** Avoid contaminating waterways.

**Ecotoxicity:** Low

**Persistence and degradability:** Surfactants used are classified as "readily biodegradable" with AS4351.

**Mobility:** No information available.

**13. DISPOSAL CONSIDERATIONS**

Refer to appropriate authority in your State. Empty containers must be decontaminated. Dispose of material through a licensed waste contractor. Suitable for disposal by approved waste disposal agent.



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### 14. TRANSPORT INFORMATION

**UN Number:** Not applicable  
**Proper Shipping Name:** Not applicable  
**Dangerous Goods Class:** Not applicable  
**Class and subsidiary risk:** Not applicable  
**Packing Group:** Not applicable  
**Hazchem Code:** Not applicable

### 15. REGULATORY INFORMATION

**Poison Schedule:** 5  
**OHS:** Not considered a Hazard  
**Environmental:** Not considered a Hazard

### 16. OTHER INFORMATION

#### PRINCIPAL REFERENCES:

Material Safety Data Sheet – River Sands Pty Ltd

Issue date: 24/07/07

Issued by: Tess Flores – Technical Manager

The customer is advised to consult the product Technical Data Sheets for further information including advice on suitable equipment.

Information used in the compilation of this MSDS obtained from investigations conducted at outside laboratories.

**REASONS FOR UPDATE:** Product release

MSDS's are updated frequently. Please ensure that you have a current copy.

#### Emergency Advice All Hours:

Australia Wide: 131 126

**River Sands Pty Ltd**

Tel: +61 7 3287 6444

Fax: +61 7 3287 6445

Contact: Paul Moorfoot – General Manager

#### Disclaimer

This Material Safety Data Sheet should be used in conjunction with the Technical Data Sheet. It does not replace them. The information given is based on our knowledge of the health and safety data of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any purpose other than that for which it was intended. If clarification or further information is needed to enable appropriate risk assessment, the user should contact River Sands Pty Ltd. Our responsibility for products sold is subject to our standard terms and conditions sent to customers. No liability whatsoever can be accepted with regard to the handling, processing or use of the product concerned which, in all cases, shall be in accordance with the appropriate regulations and / or legislation.

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