

# Material Safety Data Sheet

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## 1. Product and Company Identification

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**Product Name:** Heavy Duty Cleaner

**Trade Name:** Heavy Duty Cleaner

**Revision Date:** 20/1/09

**Company Name:** Chemisys Australia Pty Ltd  
A.C.N. 096 578 013

**Address:** P. O. Box 3604  
Loganholme  
QLD 4129  
Australia  
Phone 0438 923248 Fax 07 32877288

**Use:** Heavy duty cleaner for removing grease, oil and food deposits from floors, walls and machinery.

Hazardous according to the criteria of NOHSC

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## 2. Composition/Information on Ingredients

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Ingredients considered hazardous according to the criteria of NOHSC:

Chemical Name	CAS #	Proportion	EU Classification
Sodium Hydroxide	[1310-73-2]	<10%	Xi; R36/38

Ingredients determined not to be hazardous to 100%

Notes on EU Symbols: Xi; Irritant

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## 3. Hazards Identification

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Irritating to Eyes and Skin

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## 4. First Aid Measures

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### Eyes:

Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids apart to ensure flushing of the entire eye surface. Seek medical attention as soon as possible.

### Ingestion:

Drink large quantities of water. DO NOT induce vomiting. If vomiting occurs spontaneously, keep airway clear. Seek medical attention IMMEDIATELY. NEVER induce vomiting or give anything by mouth to an unconscious patient.

### Inhalation:

Remove victim to fresh air. Persons administering first aid to overexposure victims should carefully wash off any visible product from the victims face. Do not give anything by mouth to

an unconscious person. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult administer oxygen. Get medical attention IMMEDIATELY.

**Skin:**

Wash with plenty of soap and water. Remove contaminated clothing and footwear. Wash clothing and contaminated footwear before reuse. Seek medical attention if irritation persists.

**Note to doctor:**

Treat symptomatically.

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**5. Fire-Fighting Measures**

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**Flash Point:** Not Applicable

**Extinguisher Media:** Not Applicable

**Unusual Fire and Explosion Hazards:** Not Applicable

**Special Protective Equipment:** Not Applicable

**Combustion Products:** Not Applicable

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**6. Accidental Release Measures**

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**Steps to be taken if material is released or spilled:**

Wear appropriate protective clothing. Eliminate all ignition sources. Restrict access to contaminated area. Stop spill at source. Dike to prevent spreading. Collect free liquid into a recovery vessel. Absorb remainder with sand or clay and place in a properly labelled waste receptacle. Follow all government and local body regulations for disposal. Do not contaminate water while cleaning equipment or disposing of wastes. Prohibit contamination of streams, lakes and other bodies of water.

**Container Disposal:**

DO NOT reuse container. Dispose of safely.

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**7. Handling and Storage**

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**Handling:**

Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practises. If eye and skin contact is possible, eye and skin protective equipment must be used. Wash hands thoroughly after contact. Do not mix with other chemicals.

**Storage:**

Store in a cool, dry place out of reach of children.

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**8. Exposure Controls/Personal Protection**

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**Ventilation Requirements:**

Ventilate via mechanical methods (general or local exhaust) to maintain exposure below 2mg/m<sup>3</sup>. Good industrial hygiene practise dictates that indoor work areas should be isolated and provided with adequate local exhaust ventilation.

**Respiratory Protection:**

None normally required if good ventilation is maintained. If mist is generated during application process, use a disposable mist respirator.

**Eye Protection:**

If accidental eye contact is possible then wear goggles or a face visor.

**Skin Protection:**

This product is an irritant to tissue. Unnecessary skin contact should be avoided and good personal hygiene practises observed. If skin contact is anticipated then protective clothing including impervious gloves should be worn.

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**9. Physical and Chemical Properties**

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<b>Appearance:</b>	Semi-transparent liquid
<b>Odour:</b>	Odourless
<b>PH Range:</b>	~13.1
<b>Specific Gravity:</b>	1.05 @ 20 degrees Celsius
<b>Solubility in Water:</b>	Complete
<b>Flash Point:</b>	Not Applicable

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**10. Stability and Reactivity**

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<b>Stability:</b>	Products of this type are stable and unlikely to react in a hazardous manner under normal conditions.
<b>Incompatibility:</b>	Strong Oxidising Agents, reducers, acids
<b>Hazardous Decomposition Products:</b>	None known
<b>Hazardous Polymerisation:</b>	Will not occur

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**11. Toxicological Data**

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**Eyes:**

Can cause severe irritation, redness, tearing, and blurred vision. Can cause irreversible damage on prolonged contact.

**Ingestion:**

Can cause gastro-intestinal irritation, nausea, vomiting, and diarrhoea.

**Inhalation:**

At normal ambient temperatures this product will be unlikely to present an inhalation hazard because of its low volatility. Can cause serious corrosive damage to the mouth, throat and stomach.

**Skin:**

Prolonged or repeated contact may result in itching, defatting, dermatitis or more serious irreversible skin disorders.

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**12. Ecological Information**

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None available

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### 13. Disposal Considerations

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Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations.

Incineration may be carried out under controlled conditions provided that local regulations for emissions are met.

Dispose of product and container responsibly and carefully.

Do not dispose of near waterways, down drains or into soil.

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### 14. Transport Information

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Not classified as hazardous for transport (ADG, UN, IATA/ICAO)

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### 15. Regulatory Information

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#### Australian Classifications:

UN Number:	NA
HAZCHEM Code:	NA
Dangerous Goods Class	NA
Poisons Schedule	S5 Caution
Packaging Group:	NA
EC Labelling:	R36/38 Irritating to eyes and skin

S1/2, S24/25, S26, S36/37/39

Keep locked up and out of reach of children.

Avoid contact with eyes and skin. If inadvertent eye or skin contact is possible then protective equipment must be used.

In case of contact with eyes rinse immediately with plenty of water.

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### 16. Other Information

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#### Compiled by:

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Australia

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