

# Material Safety Data Sheet

Infosafe No™ ZZ0C4 Issue Date : March 2015 ISSUED by HOUGHTON

Product Name **MACHINE TOOL CLEANER**

Classified as hazardous

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** MACHINE TOOL CLEANER  
**Company Name** HOUGHTON AUSTRALIA PTY LTD  
**Address** 287 Wickham Road MOORABBIN  
VIC. 3189  
**Emergency Tel.** + 61 1300300615 (New Zealand 0800 243 622 CHEMCALL)  
**Telephone/Fax Number** Tel: + 61 1300736642  
**(24 hour a day available)** 1300 300 615  
**Recommended Use** Cleaner for metal working machines. METHOD OF APPLICATION: Used diluted with water or add to coolant system.

## 2. HAZARDS IDENTIFICATION

**Hazard Classification** Classified as hazardous  
HAZARDOUS SUBSTANCE.  
NON-DANGEROUS GOODS.  
Hazard classification according to the criteria of NOHSC.  
Dangerous goods classification according to the Australia Dangerous Goods Code.  
**Risk Phrase(s)** Classified as hazardous  
R36/38 Irritating to eyes and skin.  
**Safety Phrase(s)** S24/25 Avoid contact with skin and eyes.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | Name                             | CAS         | Proportion | Hazard Symbol | Risk Phrase |
|-------------|----------------------------------|-------------|------------|---------------|-------------|
|             | Water                            |             | 60-100 %   |               |             |
|             | Additives*                       | Proprietary | 10-30 %    |               |             |
|             | Polyoxyethylene alkyl aryl ether |             | 0-10 %     |               |             |
|             | Diethanolamine                   | 111-42-2    | 0-10 %     | Xi            | R36/38      |
|             | Petroleum hydrocarbons           | 8008-20-6   | 0-10 %     |               |             |

## 4. FIRST AID MEASURES

**Inhalation** Remove to fresh air - if effects persist, seek medical assistance.  
**Ingestion** Flush mouth out with water. Contact a doctor or Poisons Information Centre. Do NOT induce vomiting. Give glass of water to drink.  
**Skin** Remove contaminated clothing and shoes - wash off with soap and water.  
**Eye** Flush with copious amounts of water for at least 15 minutes and seek medical assistance.  
**First Aid Facilities** Water suitable for eyes and skin should be available in or near workplace.  
**Advice to Doctor** Treat symptomatically.  
Contains petroleum solvent which may cause pneumonitis if inhaled.

## 5. FIRE FIGHTING MEASURES

**Specific Hazards** Low hazard - contains water. Product may burn if all of the water boils off. Products of decomposition include oxides of carbon and nitrogen.

## 6. ACCIDENTAL RELEASE MEASURES

**Spills & Disposal** Avoid contact with eyes and skin. Contain spill with absorbent materials (eg, sand, earth etc). No smoking or naked flames. Transfer back to properly labelled containers. Avoid entry into drains and waterways. Refer to local authorities for disposal.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling** Ensure the appropriate personal protective equipment is used when handling this material.

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**Conditions for Safe Storage** No special storage requirements.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| National Exposure Standards          | Name   | STEL  |     | TWA   |     | Footnote |
|--------------------------------------|--|-------|-----|-------|-----|----------|
|                                      |  | mg/m3 | ppm | mg/m3 | ppm |          |
| <b>Engineering Controls</b>          | Diethanolamine   |       |     | 13    | 3   |          |
| <b>Personal Protective Equipment</b> | Work in a well ventilated area or provide adequate exhaust system.   |       |     |       |     |          |
|                                      | Avoid contact with eyes and skin. Wear chemical resistant protective clothing such as apron, gloves, footwear, safety goggles. |       |     |       |     |          |
|                                      | Always wash hands after use.   |       |     |       |     |          |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Clear, pale yellow fluid. Mild odour.

**Solubility in Water** Emulsifiable.

**Specific Gravity** 15°C: 0.995

**pH Value** 2%: 9.8

**Vapour Pressure** mmHg 25°C: Very low

**Flash Point** Not applicable.

**Flammability** Non-flammable - contains water.

**Flammable Limits - Lower** Not applicable

## 10. STABILITY AND REACTIVITY

**Chemical Stability** Stable under normal use conditions.

## 11. TOXICOLOGICAL INFORMATION

**Inhalation** If mists or aerosols generated may produce respiratory irritation.

**Ingestion** Harmful if swallowed - irritation to the stomach lining, feeling of discomfort and possible nausea.

**Skin** Irritant, particularly with prolonged or repeated contact.

**Eye** Irritant.

**Chronic Effects** Prolonged or repeated contact with skin may cause irritation and dermatitis.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Data not available.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal** Disposal of this material should be undertaken by a registered chemical disposal company.

## 14. TRANSPORT INFORMATION

**Storage and Transport** Store in a cool, dry area. No special requirements for transport.

## 15. REGULATORY INFORMATION

**Hazard Category** Irritant

**AICS (Australia)** All components listed.

## 16. OTHER INFORMATION

**Contact Person/Point** 1300 736 642 Technical Manager  
24 hour Contact 1300 300 615

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