

# Material Safety Data Sheet

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Hazardous according to criteria of Worksafe Australia

## SPRAY GUN CLEANER

### 1. IDENTIFICATION OF THE MATERIAL & SUPPLIER

**Product Name:** SPRAY GUN CLEANER

**Synonym:** None available

**Use:** Spray gun cleaner

Australian Chemicals and Coatings P/L  
69 Quantum Close, Dandenong South VIC 3175  
Tel: (61 3) 9799 9833  
Fax: (61 3) 9799 9033  
Email: [sales@auschem.com.au](mailto:sales@auschem.com.au)  
Website: [www.auschem.com.au](http://www.auschem.com.au)

NZ Distributer:  
Wyatt Machine Tools (Rupes) NZ Ltd  
388 Church St, Penrose, AKL, 1061  
P: (09)525-1000 F:(09)525-1009  
NZ Emergency: 0800 992 881  
0800WYATT1

A.C.N. 007 345 351

A.B.N. 92 884 104 142

**Emergency Advice All Hours:**

A.H. Emergency No (03) 9799 9833 Technical Manager

### 2. HAZARD IDENTIFICATION

Hazardous according to criteria of NOHSC/ASCC

Hazardous according to the criteria of Worksafe Australia

**Hazard Category:** Toxic (T)

**Hazard Classification:** HAZARDOUS SUBSTANCE, DANGEROUS GOOD

#### RISK PHRASES

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

R39 Danger of very serious irreversible effects.

R62 Harmful: May cause lung damage

#### SAFETY PHRASES

S1/2 Keep locked up and out of reach of children.

S7 Keep container tightly closed.

S16 Keep away from sources of ignition - No smoking.

S23 Do not breathe fumes/vapour/spray

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.

S36/37 Wear suitable protective clothing and gloves.

S45 In case of accident or if you feel unwell, contact a doctor or Poisons Information Centre immediately and show this container or label.

S62 If swallowed, DO NOT induce vomiting. Seek medical advice immediately

**Poison Schedule:** S5 [Aust]

This material is a Scheduled S5 Poison and must be stored, handled and used according to the appropriate regulations..

#### Warning Statement:

Vapour is harmful to health on prolonged exposure

Product will irritate the eyes, nose, throat & skin

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**SUBSTANCE NAME**  
DICHLOROMETHANE

**Proportion CAS Number**  
Greater than 60%75-09-2

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METHANOL	1 to 10%	67-56-1
SOLVENT NAPHTHA(PETROLEUM)HEAVY AROM [KEROSENE UNSPECIFIED]	10 to 30%	64742-94-5

All other ingredients not hazardous according to EU Criteria.

### 4. FIRST AID MEASURES

#### Swallowed:

If swallowed, DO NOT induce vomiting. Give 3 to 4 glasses of water to drink. Seek urgent medical assistance.

#### Eye:

If material is splashed into eyes, flush with plenty of water for at least 15 minutes, ensuring eye lids are held open. Immediately transport to hospital or doctor.

#### Skin:

If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly soap and water. Urgently transport to hospital or doctor.

#### Inhaled:

Remove victim to fresh air. Do not use mouth-to-mouth method if victim inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Administer oxygen if breathing is difficult.

#### First Aid Facilities:

Eye wash fountain, safety shower and normal wash room facilities.

#### Advice to Doctor:

Treat symptomatically.

**In case of poisoning, contact Poisons Information Centre**

**In Australia call Tel: 131126**

**In New Zealand Tel: 034747000**

### 5. FIRE-FIGHTING MEASURES

#### Fire/Explosion Hazard

EXTINGUISHING MEDIA: Use dry chemical, carbon dioxide, foam or water spray.

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus (SCBA) required for fire-fighting personnel. If possible to do so safely, shut off fuel to fire. Use water spray to spray to cool fire-exposed surfaces and to protect personnel. Avoid spreading burning liquid with water used for cooling fire exposed containers when using water spray, boil-over may occur when the product temperature reaches the boiling point of water.

#### UNUSUAL FIRE AND EXPLOSION HAZARDS:

Fire or heat will produce irritating, toxic and/or corrosive gases.

**HAZCHEM CODE:** 2X [Aust]

#### FLAMMABILITY

Material does not burn.

Fire or heat will produce irritating, toxic and/or corrosive gases.

Runoff may pollute waterways, drains or sewers.

### 6. ACCIDENTAL RELEASE MEASURES

#### EMERGENCY ACTION:

Keep unnecessary people away; Isolate hazard area and deny entry. Stay upwind; Keep out of low areas. Do not walk or touch spilt material unless wearing personal protection as outlined under MSDS.

#### SPILL OR LEAK PROCEDURE:

Shut off ignition sources, no flares, smoking or flames in hazard area. Stop leak if you can do it without risk. Water spray may reduce vapour.

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### SMALL SPILLS:

Take up with sand, dirt or vermiculite. DO NOT use sawdust. Use non-sparking tools. Place into labelled drum(s) for later disposal.

### LARGE SPILLS:

Notify Emergency Services (Police or Fire Brigade). Tell them exact location, nature, hazards, quantities, type of vehicle and any other information that would be helpful. Contain spill. Remove all ignition sources and safely stop flow of spill. Bund area. Trained personnel should wear Personal Protective equipment as highlighted in this MSDS. Blanket the spill with foam or use water fog to disperse vapour clouds. Consult an expert regarding disposal of this product.

## 7. HANDLING AND STORAGE

Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition, strong alkalis, acids, combustibles and oxidizing agents. All equipment must be earthed. Store in original packages as approved by manufacturer. Check all fittings, valves, reticulation (piping) and any ancillary equipment for leaks. A supplied air respirator or a Self-Contained Breathing Apparatus (SCBA) for emergencies should be available and checked regularly. For further information please refer to the Engineering Controls of this MSDS.

Additional information for Storage

POLYETHANOXY-9-NONYL PHENOL is a Scheduled (S5) Poison and must be stored, handled and used according to the appropriate regulations.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Standards

No exposure standards are available for this product, however, the following exposure standards have been assigned by [NOHSC] to the following components of the product:

#### *DICHLOROMETHANE*

(Worksafe Australia)

[TWA]50 ppm 174 mg/m<sup>3</sup>

**Carcinogen Category: 3**

**Notices: Sk**

**References: Ammended**

(ACGIH)

[TWA]50 ppm 174 mg/m<sup>3</sup>

**Carcinogen Category: A3**

**Notices: Sk**

#### *METHANOL*

(Worksafe Australia)

[TWA]200 ppm 262 mg/m<sup>3</sup>

[STEL]250 ppm 328 mg/m<sup>3</sup>

**Notices: Sk**

**References: H**

(ACGIH)

[TWA]200 ppm 262 mg/m<sup>3</sup>

[STEL]250 ppm 328 mg/m<sup>3</sup>

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Notices: Sk

### **SOLVENT NAPHTHA(PETROLEUM)HEAVY AROM [KEROSINE UNSPECIFIED]**

Worksafe Australia

[TWA] 100 ppm

Notes: No exposure standard has been assigned however, an Occupational Exposure Limit (OEL) of 100 ppm is recommended based upon hydrocarbon content.

### **Engineering Controls**

Toxic material. Single significant exposure may cause death. Maintain adequate ventilation at all times. Prevent accumulation of gas(es) in hollows or sumps. Eliminate any sources of ignition. DO NOT enter room unless monitored by another person (ie buddy-buddy system).

### **Personal Protection Equipment**

CLOTHING: Nitrile or neoprene apron.

GLOVES: Nitrile or neoprene.

EYES: Chemical goggles or faceshield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of vapours. Select and use respirators in accordance with AS/NZS 1715/1716. When vapours approach the exposure standards then the use of a half-face organic vapour respirator with dust/mist filter is recommended. When vapours exceed the exposure standards, the use of a positive pressure demand self-contained or airline breathing apparatus supplied air respirator complying with the requirements of AS/NZS 1715 is recommended. Filter capacity and respirator type depends on exposure levels. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear to Yellow liquid

**Boiling Point:** Not Known

**Melting Point:** N/A

**Vapour Pressure:** Not Known

**Specific Gravity:** 1.11 – 1.15

**Flash Point:** No flash point as determined by standard test methods

**Flammability Limits:** Not Known

**Solubility in Water:** Insoluble

### **Other Properties**

## 10. STABILITY AND REACTIVITY

**STABILITY:**

Stable under normal conditions of use.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Emits acrid smoke and fumes when heated to decomposition.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

**INCOMPATIBILITIES:**

Strong alkalis, acids, nitrates and oxidizing agents.

**CONDITIONS TO AVOID:**

Heat, flames, ignition sources and incompatibles.

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### 11. TOXICOLOGICAL INFORMATION

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

#### ACUTE HEALTH EFFECTS:

##### Swallowed:

Toxic if swallowed.

May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhoea.

##### Additional information for Swallowed

Overexposure to methanol has been suggested as a cause of the following effects in both laboratory animals and humans:

Liver abnormalities, kidney damage, eye damage, lung damage, brain damage and nervous system damage.

Methanol has reported to cause death or serious irreversible injury such as blindness in humans. Studies in experimental animals indicate that the metabolism of methanol to formic acid results in metabolic acidosis and reversible or irreversible damage to the optic nerve. Ingestion of methanol, even in small amounts, can cause blindness and death.

Onset of symptoms may be delayed for 18 - 24 hours and are similar in affect to ethanol poisoning.

Oral LD50(rat): 1,250 mg/kg

Inhalation LC50(rat): 64,000 ppm/4H

##### Eye:

May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision. These effects are anticipated to be of a short acting nature and no long term injury is anticipated, if the product is removed promptly.

##### Skin:

Very toxic by skin contact.

May cause severe irritation to the skin, with effects including: Redness, drying, and drying/defatting.

##### Inhaled:

Very toxic if inhaled.

Mists from the product may cause irritation to the nose, throat and respiratory system with effects including: Dizziness and headache.

##### Chronic:

Prolonged or repeated skin contact may lead to dermatitis.

Prolonged or repeated exposure may lead to irreversible damage to health.

Prolonged or repeated exposure may lead to permanent irreversible injury.

##### Additional information for Chronic

DICHLOROMETHANE has been classified as a CATEGORY 3 CARCINOGEN (WORKSAFE). Substances suspected of having carcinogenic potential are those substances which have possible carcinogenic effects on humans but in respect of which the available information is not adequate for making a satisfactory assessment. There is some evidence from appropriate animal or epidemiological studies, but this is insufficient to place the substance in Category 2.

##### Toxicological Data:

#### NON-LETHAL IRREVESESIBLE EFFECTS AFTER A SINGLE EXPOSURE

This substance is capable of causing serious irreversible effects after a single exposure and is determined to be a hazardous substance. Such irreversible effects can include central nervous system effects, kidney necrosis liver lesions, anaemia or paralysis.

### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity:

No Data available

#### Mobility:

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<i>Inventory</i>	<i>Status</i>
Australia (AICS)	Y
United States (TSCA)	Y
Canada (DSL)	Y
Europe (EINECS/ELINCS)	Y
Japan (MITI)	Y
South Korea (KECL)	Y

Y = all ingredients are on the inventory.

### 16. OTHER INFORMATION

**Date of Preparation: April 2011**

Issue date: FEBRUARY 2010

Supersedes: Not applicable

#### **Key Legend Information:**

NOHSC - National Occupational Health & Safety Commission {Formerly Worksafe}[Aust]

SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons [Aust]

TWA - Time Weighted Average [Int]

STEL - Short Term Exposure Limit [Int]

AICS - Australian Inventory of Chemical Substances

EPA - Environmental Protection Agency [Int]

NIOSH - National Institute for Occupational Safety and Health [US]

AS/NZS 1715 - Selection, use and maintenance of respiratory protective devices. [Aust/NZ]

AS/NZS 1716 - Respiratory protective devices. [Aust/NZ]

IATA - International Aviation Transport Authority [Int]

ICAO - International Civil Aviation Organization [Int]

IMO - International Maritime Organisation. [Int]

IMDG - International Maritime Dangerous Goods [Int]

United Nations Recommendations for the Transport of Dangerous Goods and Globally Harmonized System for the classification and labelling of Chemicals. [Int]

EU - European Union

[Aust/NZ] = Australian New Zealand

[Int] = International

[US] = United States of America

Removal of the heading of *Poison Schedule [Aust]*, in section 3 and 15 of this Material Safety Data Sheet (MSDS) makes this a valid health and safety document in other international jurisdictions/countries. For full compliance please contact your Federal, State or Local regulators for further information.

#### **Disclaimer**

This MSDS summarises our best knowledge of the health and safety hazard information available on the product and the measures to be used to handle and use the product safely. Each user should read this MSDS and consider the information in connection with the way the product is intended to be handled or used.

#### **Principal References:**

Information supplied by manufacturer, reference sources including the public domain.

**END OF MSDS**