

# Material Safety Data Sheet

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Issue date: November 2005

## POWERGUARD - PROTECTANT

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** POWERGUARD - PROTECTANT

**Manufacturer's Product Code:** C046-CS

**Use:** Carpet cleaning product.

**CHEM-DRYÆ AUSTRALIA**

**P B Mitchell Pty Ltd**

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### 2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO ASCC/NOHSC/EU CRITERIA

**Hazard Category:** None allocated

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

#### RISK PHRASES

None allocated

#### SAFETY PHRASES

S24/25 Avoid contact with skin and eyes.

#### Road Transport

**UN Number:** None allocated

**Proper Shipping Name:** NONE ALLOCATED

**Dangerous Goods Class:** None allocated

**Packing Group:** None allocated

**Poison Schedule:** None allocated [Aust].

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| SUBSTANCE NAME                 | Proportion  | CAS Number  |
|--------------------------------|-------------|-------------|
| ARYL SULFONE COMPOUND          | 1 to 10 %   | Proprietary |
| ALKYL ARYL RESIN AMMONIUM SALT | 10 to 30 %  | 52720-34-0  |
| WATER                          | 60 to 100 % | 7732-18-5   |

All other ingredients not hazardous according to ASCC/NOHSC/EU Criteria.

### 4. FIRST AID MEASURES

#### Swallowed:

If swallowed, **DO NOT** induce vomiting. If conscious, give 1 to 2 glasses of water to drink. If irritation persists transport to hospital or doctor.

#### Eye:

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

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### 4. FIRST AID MEASURES (Continued)

**Skin:**

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

**Inhaled:**

Move victim to fresh air. Apply resuscitation if victim is not breathing.

**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**

If safe to do so, move undamaged containers from fire area.

**Suitable Extinguishing Media:** Use extinguishing media suitable for surrounding fire situation.

**Hazards From Combustion Products:** In case of fire, oxides of carbon, sulfur entities, incomplete hydrocarbons and noxious smoke may be produced.

**Precautions for Fire Fighters and Special Protective Equipment:** Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

**HAZCHEM CODE:** None allocated [Aust]

**FLAMMABILITY**

This material is not a flammable or combustible liquid.

### 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures:**

Keep unnecessary people away; Isolate hazard area and deny entry. If product spills onto floors it will represent a slip hazard, walk cautiously. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS.

**Methods and Materials for Containment and Clean Up Procedures:**

Throw absorbent (diatomaceous earth or other inert material) on top of spill, **ALLOW TO ABSORB**, then shovel up or use wet dry vacuum system to pick up and seal in properly labeled containers for disposal.

### 7. HANDLING AND STORAGE

**Precautions for Safe Handling:**

Store away from intense and prolonged heat and direct sunlight. Avoid freezing the product. For further information please refer to the Engineering Controls of this MSDS.

**Conditions for Safe Storage:**

Keep containers tightly closed, when not using this product. If product freezes, gently thaw prior to use. Mild agitation (stirring) may be required. Store in original packages as approved by manufacturer\*.

\* For further information please contact your Local Chem-Dry representative.

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Exposure Standards

No exposure standards have been assigned by [NOHSC] for this product or any of the ingredients.

#### Engineering Controls

Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate.

#### Personal Protection Equipment

**GLOVES:** The use of neoprene or nitrile is recommended.

**EYES:** Chemical goggles or spectacles with side shields to protect eyes.

**RESPIRATORY PROTECTION:** The use of a respirator is not normally required.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

|                             |  |
|-----------------------------|--|
| <b>Appearance:</b>          | Dark amber liquid with a mild ammonia odour. |
| <b>Boiling Point:</b>       | Not available.                               |
| <b>Vapour Pressure:</b>     | Not available.                               |
| <b>Specific Gravity:</b>    | 1.07   |
| <b>Flash Point:</b>         | Not applicable.                              |
| <b>Flammability Limits:</b> | Not applicable.                              |
| <b>Solubility in Water:</b> | Completely soluble.                          |

#### Other Properties

|                     |      |
|---------------------|------|
| <b>pH:</b>          | 8.5  |
| <b>% Volatiles:</b> | 80 % |

### 10. STABILITY AND REACTIVITY

#### CHEMICAL STABILITY:

Stable under normal conditions of use.

#### CONDITIONS TO AVOID:

Extremely high temperatures may cause decomposition.

#### INCOMPATIBLE MATERIALS:

Strong oxidizing agents.

#### HAZARDOUS DECOMPOSITION PRODUCTS:

In case of fire, oxides of carbon, sulfur entities, incomplete hydrocarbons and noxious smoke may be produced.

#### HAZARDOUS REACTIONS:

Will not occur.

### 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:

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.

##### Eye:

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

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### 11. TOXICOLOGICAL INFORMATION (Continued)

**Skin:**

May cause irritation to the skin, with effects including; Redness and itchiness.

**Inhaled:**

May cause irritation to the mouth, throat and upper respiratory system. However, this is only anticipated to occur if the product is heated or converted into a mist (aerosol).

**Chronic:**

Prolonged or repeated skin exposure may cause dermatitis in some susceptible individuals.

There is no toxicological information available for this product, however, for the ingredient:

**Alkyl Aryl Ammonium Resin Salt:**

Acute Dermal (Rabbit): 0.0 - 0.5/8.0 4 hr. (Draize Criteria)

Ocular Irritation (Rabbit): 0.0/110.0 (Draize Criteria)

### 12. ECOLOGICAL INFORMATION

There is no ecotoxicological information available for this product, however, for the ingredient:

**Alkyl Aryl Resin Ammonium Salt:**

EC50(Daphnia magna): 73.59 - 1,990 mg/L 24Hr

Avoid contaminating drains, waterways and sewers.

### 13. DISPOSAL CONSIDERATIONS

Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor.

### 14. TRANSPORT INFORMATION

**Road Transport**

**UN Number:** None allocated

**Proper Shipping Name:** NONE ALLOCATED

**Dangerous Goods Class:** None allocated

**Packing Group:** None allocated

**Label:** None allocated

**Air Transport**

**UN Number:** None allocated

**Proper Shipping Name:** NONE ALLOCATED

**Dangerous Goods Class:** None allocated

**Packing Group:** None allocated

**Label:** None allocated

**Sea Transport**

**UN Number:** None allocated

**Proper Shipping Name:** NONE ALLOCATED

**Dangerous Goods Class:** None allocated

**Packing Group:** None allocated

**Label:** None allocated

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### 15. REGULATORY INFORMATION

**Poison Schedule:** None allocated [Aust]

**Inventory Status:**

| <i>Inventory</i>       | <i>Status</i> |
|------------------------|---------------|
| Australia (AICS)       | Y             |
| United States (TSCA)   | Y             |
| Europe (EINECS/ELINCS) | Y             |

Y = all ingredients are on the inventory.

### 16. OTHER INFORMATION

**Date of Preparation:**

**Issue date:** November 10, 2005

**Supersedes:** December 25, 2001

**Reasons for Update:**

1. Alignment with the 2<sup>nd</sup> Edition of National Code of Practice for the Preparation of Material Safety Data Sheets [NOHSC:2001(2003).
2. Changes and /or addition made to all sections.

**Key Legend Information:**

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

ASCC - Australian Safety and Compensation Council [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

Dangerous Goods - Initial Emergency Response Guide (SAA/SNZ HB76:1997) [Aust]

EPA - Environmental Protection Agency [Int]

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

TSCA - Toxic Substances Control Act [US]

OSHA - Occupational Safety and Health Administration [US]

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

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

Hazchem Code - Fire fighters designation [Aust]

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]

EINECS - European Inventory of Existing Commercial Chemical Substances. [Int]

ELINCS - European List of Notified Chemical Substances. [Int]

EU - European Union [Int]

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### 16. OTHER INFORMATION (Continued)

**EU Directives:** The classification criteria used, are adopted from the European Community's (EC) legislation for classifying dangerous substances. The criteria are taken from:

EC Council Directive 67/548/EEC

EC Council Directive 1999/45/EC

[Aust/NZ] = Australian New Zealand

[Int] = International

[US] = United States of America

**Principal References:**

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

**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. Responsibilities of the supplier associated with this product are outlined in our standard terms and conditions, a copy of which is sent to customers and is available on request.

**END OF MSDS**