

# Material Safety Data Sheet

Page 1 of 6

Issue date: November 2005

## DUST MITE ANTI-ALLERGEN

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** DUST MITE ANTI-ALLERGEN

**Manufacturer's Product Code(s):** C030-G, C030-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

S23 Do not breathe mist.

S25 Avoid contact with eyes.

#### Road Transport

**UN Number:** None allocated

**Proper Shipping Name:** NONE ALLOCATED

**Dangerous Goods Class:** None allocated

**Packing Group:** None allocated

**Label:** None allocated

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

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
TERNARY NON-IONIC SURFACTANT	1 to < 5 %	Proprietary
WATER	Balance	7732-18-5

All 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. Seek immediate medical assistance.

#### 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.

# Material Safety Data Sheet

Page 2 of 6

Issue date: November 2005

## DUST MITE ANTI-ALLERGEN

### 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:** Decomposes on heating emitting small amounts of noxious smoke.

**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.

**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; 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 and seal in properly labeled containers for disposal.

### 7. HANDLING AND STORAGE

**Precautions for Safe Handling:**

Store away from oxidizing agents. 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. Store in a cool place and out of direct sunlight. Store in original packages as approved by manufacturer\*.

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

# Material Safety Data Sheet

Page 3 of 6

Issue date: November 2005

## DUST MITE ANTI-ALLERGEN

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Exposure Standards

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

#### Engineering Controls

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

#### Personal Protection Equipment

**GLOVES:** Not normally required, however, if handling large quantities or if the skin is likely to be exposed to this product over prolonged periods, then the use of neoprene 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>	Colourless liquid with no odour.
<b>Boiling Point:</b>	100°C
<b>Vapour Pressure:</b>	Not available.
<b>Specific Gravity:</b>	1.018
<b>Flash Point:</b>	Not applicable, water content interferes with flash point.
<b>Flammability Limits:</b>	Not applicable.
<b>Solubility in Water:</b>	Completely soluble.

#### Other Properties

<b>pH:</b>	8 - 8.5
<b>% Volatiles:</b>	Not available.

### 10. STABILITY AND REACTIVITY

#### CHEMICAL STABILITY:

Stable under normal conditions of use.

#### CONDITIONS TO AVOID:

High temperatures leading to decomposition and mixing with incompatibles.

#### INCOMPATIBLE MATERIALS:

Strong oxidizing agents.

#### HAZARDOUS DECOMPOSITION PRODUCTS:

Decomposes on heating emitting small quantities of noxious smoke.

#### 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 pains in the stomach, which may lead to nausea, vomiting and diarrhoea.

##### Eye:

May cause mild irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

# Material Safety Data Sheet

Page 4 of 6

Issue date: November 2005

## DUST MITE ANTI-ALLERGEN

### 11. TOXICOLOGICAL INFORMATION (Continued)

**Skin:**

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

**Inhaled:**

Mists from the product may cause mild irritation to the respiratory system.

**Chronic:**

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

**Toxicological Data:**

The following toxicological information is available for this product:

Oral LD50(rat): > 5,000 mg/kg

### 12. ECOLOGICAL INFORMATION

The product is readily biodegradable according to OECD Method, Modified Sturm Test.

**Dust Mite Anit-Allergen:**

LC50(Fathead minnow): 640 mg/L 96Hr

### 13. DISPOSAL CONSIDERATIONS

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

### 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

# Material Safety Data Sheet

Page 5 of 6

Issue date: November 2005

## DUST MITE ANTI-ALLERGEN

### 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:** October 04, 2005

**Supersedes:** February 01, 2005 & March 23, 2003

**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]

# Material Safety Data Sheet

Page 6 of 6

Issue date: November 2005

## DUST MITE ANTI-ALLERGEN

### 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**