

# Material Safety Data Sheet

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Issue date: February 2005

## GC-5 PUMICE POWDER

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Davidson Measurement Pty. Ltd**  
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**DAVIDSON**

*Leaders in the field of  
measurement technology  
....since 1973*

**Product Name:** GC-5 PUMICE POWDER  
**Manufacturer's Product Code:** MGM051D

**Use:** Produces a dull, matte finish. Recommended for minimal removal of surface material.

### 2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO EU CRITERIA

**Hazard Category:** None allocated

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

#### RISK PHRASES

None allocated

#### SAFETY PHRASES

S22 Do not breathe dust.

#### 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
PUMICE STONE	> 99 %	1332-09-8
CRYSTALLINE SILICA	< 0.1 %	14808-60-7

This product may contain low levels of crystalline silica, however, there is no evidence to indicate that the trace amounts of crystalline silica present in this product will cause any carcinogenic effect.  
All ingredients not hazardous according to 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 dust enters the eyes, flush with plenty of water for at least 15 minutes, ensuring eye lids are held open. If irritation persists, immediately transport to hospital or doctor.

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### 4. FIRST AID MEASURES (Continued)

**Skin:**

If dust is falls 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 - If trained personnel available 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**

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:** Primary decomposition products include oxides of silicon, and small quantities 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. Full protective clothing is also recommended.

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

**FLAMMABILITY**

This material is not a combustible or flammable solid.

### 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures:**

Avoid generating dusts. Low hazard product, use common sense in handling situation.

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

This product is a heavy powder. If safe to do so, wet area to prevent high dust levels. Wear suitable protective equipment. Shovel up any spill or if available, use dustless methods, such as a HEPA vacuum and filter. Place waste into suitably labelled container for disposal.

### 7. HANDLING AND STORAGE

**Precautions for Safe Handling:**

Avoid generating and inhaling dusts. Provide adequate ventilation. Low hazard product. For further information please refer to the Engineering Controls of this MSDS.

**Conditions for Safe Storage:**

Store in original packages as approved by manufacturer.

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### 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:

#### **PUMICE POWDER**

[NOHSC]

[TWA] 10 mg/m<sup>3</sup>

Present as Nuisance dust not otherwise specified

#### **CRYSTALLINE SILICA**

[NOHSC]

[TWA] 0.2 mg/m<sup>3</sup>

#### Engineering Controls

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

#### Personal Protection Equipment

**GLOVES:** Neoprene rubber.

**EYES:** Spectacles to protect eyes.

**RESPIRATORY PROTECTION:** Avoid breathing of dusts. The use of a respirator is not normally required, however, if high dust levels are present, then the use of a suitable dust mask is recommended. All respirators must comply with AS/NZS 1715 and AS/NZS 1716.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Gray powder or fine granules.
<b>Boiling Point Melting Point:</b>	Not available.
<b>Melting Point:</b>	Not available.
<b>Vapour Pressure:</b>	Not available.
<b>Specific Gravity:</b>	Not available.
<b>Flash Point:</b>	Not applicable.
<b>Flammability Limits:</b>	Not applicable.
<b>Solubility in Water:</b>	Insoluble.

#### Other Properties

**Vapor Density (Air = 1):** Not available.

### 10. STABILITY AND REACTIVITY

#### CHEMICAL STABILITY:

Stable under normal conditions of use.

#### CONDITIONS TO AVOID:

Low hazard product.

#### INCOMPATIBLE MATERIALS:

Strong mineral acids (sulfuric, nitric and hydrochloric), and energetic oxidizing agents.

#### HAZARDOUS DECOMPOSITION PRODUCTS:

Primary decomposition products include oxides of silicon, and small quantities of noxious smoke.

#### HAZARDOUS REACTIONS:

Will not occur.

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### 11. TOXICOLOGICAL INFORMATION

#### ACUTE HEALTH EFFECTS:

##### Swallowed:

Very low hazard, difficulty in swallowing pumice would prevent injury.

##### Eye:

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

##### Skin:

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

##### Inhaled:

Dust from the product may cause irritation to the respiratory system.

##### Chronic:

This product may contain low levels of crystalline silica, however, there is no evidence to indicate that the trace amounts of crystalline silica present in this product will have a carcinogenic effect.

### 12. ECOLOGICAL INFORMATION

There is no ecological information available for this product, it is not considered an environmental hazard to the environment.

### 13. DISPOSAL CONSIDERATIONS

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

### 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:**

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:** February 7, 2004

**Supersedes:** March 23, 2000

**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 [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]

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

[Aust/NZ] = Australian/New Zealand

[Int] = International

[US] = United States of America

**Principal References:**

Information supplied by manufacturer.

**Disclaimer**

To the best of our knowledge, the information provided above meets the requirements of European Union directives for hazardous substances which have been tested as a whole. The data provided on this Material Safety Data Sheet is from manufacturers of the original components. All animal test data has been obtained from the public domain, **NO ANIMAL TESTS** have been conducted by Davidson Pty Ltd. Davidson Pty Ltd specifically disclaims any and all form of liability and/or responsibility for the application of this product.

**END of MSDS**