



Davco Construction Materials Pty Limited

ABN 28 093 876 558

MATERIAL SAFETY DATA SHEET

1. Identification of Material and Supplier

Product Name Sanitized® Ceramic Tile and Grout Cleaner

Other Names n.a.

Recommended Use Cleaning agent for ceramic tiles and grout joints.

Supplier Name Davco Construction Materials Pty Ltd

Address 67 Elizabeth St, Wetherill Park, NSW, Australia 2164

Web Address www.davco.com.au

Telephone 61 2 9616 3000 **Facsimile** 61 2 9725 5551

Emergency Telephone 1800 807 001 **Technical Support** 1800 653 347

2. Hazards Identification

Hazard Classification This product is non-hazardous according to the criteria of the NOHSC. Not a DG Substance according to the ADG Code. Not a Scheduled Poison according to the SUSDP (Less than 15% Phosphoric Acid in solution). All components are listed in the AICS.

Risk Phrases None allocated (see also Page 2)

Safety Phrases None allocated (See also page 3)

3. Composition/Information on Ingredients

Chemical Identity	Proportion	CAS No
Water	85.35 %	7732-18-5
Phosphoric Acid (less than cut-off value)	< 10 %	7664-38-2
1-Methoxy-2 Propyl Acetate (Less than cut-off value)	< 10 %	108-65-6
Other Ingredients determined to be non-hazardous or below cut-off values	to 100 %	n.a.

4. First Aid Measures

4.1 Symptoms of Exposure by Route

SWALLOWED

Minor amounts ingested incidental to normal handling will have little or no effect. Larger amounts deliberately ingested will cause nausea, vomiting and stomach discomfort. May cause reddening of the skin if left in contact.

EYE

Will cause moderate to severe eye irritation. May cause burns to eye if left in contact and should be promptly removed by flushing.

SKIN

May cause skin irritation or superficial burns if left in contact. Should be promptly removed by washing with soap and water.

INHALED

Vapours may cause slight irritation to upper respiratory tract.

4.2 First Aid Instructions

SWALLOWED

Do not induce vomiting. Rinse mouth clear with water and give two 250 ml glasses of water to drink. If patient involuntarily vomits encourage to lean forward to avoid aspirating. If symptoms persist seek prompt medical help.

EYE

Immediately: Hold eyes open and flush with clean water for at least 15 minutes. While flushing, gently pull upper and lower eyelids away from eyes and carefully flush. If burns may be present or if symptoms persist seek urgent medical attention.

SKIN

Remove contaminated clothing and footwear (while under safety shower if appropriate). Flush affected area with water for 3-5 minutes followed by washing gently with soap and water for a further 5 minutes. Rinse well and pat dry. If symptoms persist or burns are present seek immediate medical assistance.

INHALED

Remove patient (while wearing SCBA if concentrations are high) to fresh air. Allow to rest. Rinse mouth and nose with water. Provide artificial respiration if breathing stops. Seek prompt medical attention unless recovery is virtually immediate.

FIRST AID FACILITIES

Provide normal industrial first aid facilities including eye-wash stations and safety showers as appropriate.

Notes to Physician (for symptoms of over-exposure to this product see above)

Possible symptoms of Chronic Health Effects

Prolonged or repeated skin exposure may lead to dry and cracking of the skin. Severe cases may lead to contact dermatitis.

Possible aggravated pre-existing conditions

None reported.

Suggested treatment for acute symptoms, known antidotes

Provide supportive care and treatment based on the patient's reaction to the exposure. For further information contact the :

POISONS INFORMATION CENTRE 13 11 26 in all States

5. Fire Fighting Measures

5.1 Flammability and Explosion Hazards

Containers may rupture in fire conditions due to steam pressure. Product is non-flammable as sold but may burn when water content has boiled off.

5.2 Hazardous Combustion Products

CO_x and trace amounts oxides of phosphorus.

5.3 Suitable Extinguishing Media

Select to suit surrounding fires or use water as fine spray or fog.

Hazchem Code: n.all.

5.4 Precautions for Fire Fighters and Special Equipment

Wear SCBA and full turn out clothing. Avoid bodily contact with substance or run-off.

6. Accidental Release Measures

6.1 Emergency Procedures – Spills and Leaks (See Section 13 for disposal considerations)

Prevent material entering drains or waterways. Send unnecessary personnel out of area. Wear full protective clothing including rubber boots and respirator. Spread sand, soil or other inert absorbent over the pool. When saturated collect into metal or plastic drums or pails. Fit lids, label and place containers in a safe area to await disposal.

7. Handling and Storage

7.1 Handling Advice

Wear suitable protective clothing.

7.2 Storage Advice

Store in a cool, dry and well-ventilated area. Keep containers closed when not in use.

8. Exposure Controls/ Personal Protection

8.1 Exposure Standards

No exposure standards have been set by WorkSafe Australia for this product. The standard for Phosphoric Acid is:

<i>Substance</i>	<i>TWA</i>	<i>STEL</i>
Phosphoric Acid	1 mg/m ³	3 mg/m ³

NB: *The dilution factor makes it unlikely that these limits could be obtained except in a very confined space.*

8.2 Engineering Control Methods

If used out doors natural ventilation is normally adequate. If used in enclosed spaces with poor ventilation provide mechanical ventilation to comfort levels.

8.3 Personal Protective Equipment

Respiratory Protection

Not usually required. If vapour concentration is uncomfortably high use respirator fitted with an inorganic vapour filter to AS 1715 & 1716. Use SCBA in confined spaces.

Eye Protection

Not normally required. If mists or splashes are likely wear safety goggles or full face shield to AS 1337.

Gloves

When mixing and applying wear rubber, PVA or neoprene gloves to AS 2161.

Clothing

Wear cotton or Tyvec coveralls fastened at the neck and wrist. Supplement with a rubber or PVA apron if required.

9. Physical and Chemical Properties

Appearance: Thin, clear liquid

Odour: Mild, characteristic odour

**Freezing/
Melting Point:** n.d.

**Boiling
Point:** Initial 100 °C

Density: 1.05

**Vapour
Pressure:** n.d.

**Solubility
in water :** Insoluble (miscible)

**Volatiles:
Percent** n.d.

Flash Point: n.a.

**Flammability
Limits:** n.a.

Auto Ignition Point:

**Other
Properties** An aqueous solution containing strongly diluted phosphoric acid in less than cutoff values.

10. Stability and Reactivity

Under all normal conditions of storage or use the product is stable.

11. Toxicological Information

No product relevant data found.

12. Ecological Consideration

May have an adverse effect of aquatic organisms. Slowly biodegrades.

13. Disposal Considerations

Disposal must be in accordance with local regulations for non-hazardous industrial wastes.

14. Transport Information

Requirements under the ADG Code, the IMDG Code and the IATA DG Regulations are not applicable to this product.

15. Regulatory Information

No special labelling requirements under the *Code of Practice for the labelling of Workplace Substances (NOHSC:2012[1994])*, the *ADG Code* or the *SUSDP* apply to this product.

16. Other Information

Date of Issue: 16/02/2006 New MSDS (Version 1.0) to comply with National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition NOHSC: 2011 (2003)

Data Sources used: in the preparation of this MSDS include: "*Chempendium*" and "*MSDS plus Cheminfo*" published in CD format by CCOHS Canada 2003 - 4. "*TOMES*" a CD database published by Micromedex, USA, "*Hazardous Properties of Industrial Materials*" Van Nostrand Reinhold NY, USA . "*List of Designated Hazardous Substances*" NOHSC 10005:1999, "*National Exposure Standards*" NOHSC 1003:1995 . **Abbreviations used:** n.d = not determined, n.a = not applicable, n.all =not allocated, SUSDP = Standard for the Uniform Scheduling of Drugs and Poisons, ADG = Australian Dangerous Goods Code, IATA = International Air Transport Association, (Dangerous Goods Regulations), IMDG = International Maritime Dangerous Goods (Code)

Disclaimer

No representative of Davco Construction Materials Pty Ltd or any other person has authority to add to, or alter in any way, any MSDS or the information supplied thereon. Any alterations render this MSDS invalid. The information contained herein is believed by Davco Construction Materials Pty Ltd and SSC Pty Ltd to be accurate at the issue date shown and in accordance with information available to us. Persons dealing with the products referred to in this MSDS do so at their own risk since their actions are beyond our control. Davco Construction Materials Pty Ltd and SSC Pty Ltd accepts no liability whatsoever for damage or injury arising from the use of the information contained in this document