
1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1. Product Identifier

Product Name C26 COLORO GROUT CLEANER
Synonyms C26 • COLORO GROUT CLEANER

1.2. Uses and uses advised against

Uses Grout cleaner. Cleaning of tiled surfaces.

1.3. Details of the supplier of the product

Supplier Name WEST BUILD PRODUCTS PTY LTD
Address 67 Hartman Drive, Wangara, WA 6065 AUSTRALIA
Telephone 08 9309 2029
Fax 08 9302 1129
Email technical@westbuildgroup.com
Website www.westbuildgroup.com

1.4. Emergency telephone numbers

Emergency 0408 004 184

2. HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

CLASSIFIED AS HAZARDOUS ACCORDING TO AUSTRALIAN WHS REGULATIONS

GHS Classifications Skin Corrosion/Irritation: Category 1B

2.2. GHS Label Elements

Signal Word DANGER

Pictograms



Hazard Statements

H314 Causes severe skin burns and eye damage.

Prevention Statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response Statements

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTER or doctor/physician.
 P321 Specific treatment is advised - see first aid instructions.
 P363 Wash contaminated clothing before reuse.

Storage Statements

P405 Store locked up.

Disposal Statements

P501 Dispose of contents/container in accordance with relevant regulations.

2.3. Other Hazards

No information provided.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances / Mixtures

Ingredient	CAS Number	EC Number	Content / Proportion
WATER	7732-18-5	231-791-2	> 60%
PHOSPHORIC ACID	7664-38-2	231-633-2	< 30%
Other ingredients determined to be non-hazardous.	N/A	N/A	Remainder

All the constituents of this materials are listed on the Australian Inventory of Chemical Substances (AICS).

4. FIRST AID MEASURES

4.1. Description of First Aid Measures

Eye If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

Inhalation If inhaled, remove from contaminated area. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. To protect rescuer, use a Full-face Type B (Inorganic and acid gas) respirator or an Air-line respirator (in poorly ventilated areas). Apply artificial respiration if not breathing.

Skin If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. For gross contamination, immediately drench with water and remove clothing.

Ingestion For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give water to drink. If vomiting occurs, place victim's face downwards, head lower than hips to prevent vomit entering lungs. Seek immediate medical assistance.

First Aid Facilities Eye wash facilities and safety shower should be available.

4.2. Most important symptoms and effects, both acute and delayed

Causes severe skin burns and eye damage. See section 11 for more detailed information on health effects and symptoms.

4.3. Immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1. Extinguishing Media

Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

5.2. Special hazards arising from the substance or mixture

Non flammable. May evolve toxic gases (chlorides) when heated to decomposition. May evolve flammable hydrogen gas when in contact with some metals. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

5.3. Advice for firefighters

Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

5.4. Hazchem Code

2X

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Slippery when spilt. Clear area of all unprotected personnel. Contain using sand or soil. Inert material or vermiculite. Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS. Clear area of all unprotected personnel. Ventilate area where possible. Contact emergency services where appropriate.

6.2. Environmental precautions

Prevent product from entering drains and waterways.

6.3. Methods of cleaning up

Spills may be neutralized using soda ash or lime. Collect and seal in properly labeled containers for disposal. Small spills may be flushed with copious amounts of water. Collect for complete neutralisation and appropriate disposal.

6.4. Reference to other sections

See Sections 8 and 13 for exposure controls and disposal.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

7.2. Conditions for safe storage, including any incompatibilities

Store in a secured, cool, dry, well ventilated area, removed from oxidising agents, alkalis, sulphides, metal powders, cyanides and other incompatible substances, heat or ignition sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills. Large storage areas should have appropriate ventilation and fire protection systems.

7.3. Specific end uses

No information provided.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Exposure standards

Ingredient	Reference	TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
Phosphoric Acid	SWA (AUS)	--	1	--	3

Biological limits

No biological limit values have been entered for this product. As published by the National Occupational Health and Safety Commission (Worksafe Australia). Peak limitation – a ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes. This exposure standard is a guide to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

8.2. Exposure controls

Engineering controls Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended. Maintain vapour levels below the recommended exposure standard.

PPE

Eye / Face	Wear splash-proof goggles. Eyewash unit should be present to flush eyes in the event of contamination. When using large quantities or where heavy contamination is likely, wear a faceshield.
Hands	Wear full-length PVC or full-length rubber gloves.
Body	Wear coveralls and rubber boots and a PVC apron.
Respiratory	Where an inhalation risk exists, wear a Full-face Type B (Inorganic and Acid gas) respirator. At high vapour levels, wear an Air-line respirator.



9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	PALE GREEN THIN LIQUID
Odour	NOT AVAILABLE
Flammability	NON FLAMMABLE
Flash point	NOT RELEVANT
Boiling point	158 °C
Melting point	21 °C
Evaporation rate	NOT AVAILABLE
pH	ACIDIC (<1)
Vapour density	NOT AVAILABLE
Specific gravity	1.10
Solubility (water)	SOLUBLE
Vapour pressure	NOT AVAILABLE
Upper explosion limit	NOT RELEVANT
Lower explosion limit	NOT RELEVANT
Partition coefficient	NOT AVAILABLE
Autoignition temperature	NOT AVAILABLE
Decomposition temperature	NOT AVAILABLE
Viscosity	NOT AVAILABLE
Explosive properties	NOT AVAILABLE
Oxidising properties	NOT AVAILABLE
Odour threshold	NOT AVAILABLE

10. STABILITY AND REACTIVITY

10.1. Reactivity

Carefully review all information provided in sections 10.2 to 10.6.

10.2. Chemical stability

Stable under recommended conditions of storage.

10.3. Possibility of hazardous reactions

Polymerization is not expected to occur.

10.4. Conditions to avoid

Avoid heat, sparks, open flames and other ignition sources.

10.5. Incompatible materials

Incompatible with oxidising agents (e.g. hypochlorites), alkalis (e.g. sodium hydroxide), cyanides, sulphides and metal powders.

10.6. Hazardous decomposition products

May evolve toxic gases if heated to decomposition.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Information available for the product: No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Ingestion may result in severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and the stomach.

Information available for the ingredient(s):

Ingredient	Oral Toxicity (LD50)	Dermal Toxicity (LD50)	Inhalation Toxicity (LC50)
PHOSPHORIC ACID	1530mg/kg (rat)	2740mg/kg (rabbit)	--

Skin

Causes severe burns. Contact may result in irritation, redness, pain, rash, dermatitis, blistering and severe burns. May cause discolouration of the skin. Effects may be delayed.

Eye

Causes severe burns. Contact may result in irritation, lacrimation, pain, redness and corneal burns with possible permanent eye damage.

Inhalation

Inhalation of mists may result in respiratory irritation and possible harmful corrosive affects to the nose, throat and mucous membranes.

Ingestion

Swallowing may result in nausea, vomiting, diarrhoea and abdominal pain. May cause burns to mouth, throat and stomach.

Sensitisation

Not classified as causing skin or respiratory sensitisation.

Mutagenicity

Not classified as a mutagen.

Carcinogenicity

Not classified as a carcinogen.

STOT – single

Over exposure may result in irritation of the nose and throat, coughing and bronchitis. High level exposure may result in intense thirst, ulceration, lung tissue damage, chemical pneumonitis and pulmonary oedema.

STOT – repeated

Not classified as causing organ damage from repeated exposure. Adverse effects are generally associated with single exposure.

Aspiration

Not classified as causing aspiration.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

No information provided.

12.2. Persistence and degradability

Acidity may be reduced by natural water hardness minerals and the phosphate may persist indefinitely.

12.3. Bioaccumulative potential

Bioaccumulation is not expected.

12.4. Mobility in soil

Will permeate downwards and may dissolve some soil matter. Some acid will be neutralized, however significant amounts will remain and may enter the groundwater.

12.5. Other adverse effects

No information provided.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste disposal Small spills can be greatly diluted with water or carefully neutralized with dilute alkali and flushed to drain with copious amounts of water. Alternatively, normally suitable for disposal at approved land waste site after neutralized.

Legislation Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE



	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG / IMO)	AIR TRANSPORT (IATA / ICAO)
14.1. <u>UN Number</u>	1805	1805	1805
14.2. <u>Proper Shipping Name</u>	CORROSIVE LIQUID, N.O.S.	CORROSIVE LIQUID, N.O.S.	CORROSIVE LIQUID, N.O.S.
14.3. <u>Transport Hazard Class</u>	8	8	8
14.4. <u>Packing Group</u>	II	II	II

14.5. Environmental hazards

No information provided.

14.6. Special precautions for user

Hazchem code 2X

GTEPG 8A1

EMS F-A, S-B

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Poison schedule	Classified as a schedule 5 (S5) as per SUSMP criteria.	
Classifications	Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals.	
Hazard codes	C	Corrosive
	Xi	Irritant
Risk phrases	R34	Causes burns.
	R37	Irritating to respiratory system.
Safety phrases	S1/2	Keep locked up and out of reach of children.
	S23	Do not breathe gas/fumes/vapour/spray (where applicable).
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
	S45	In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).
Inventory listings	AUSTRALIA: AICS (Australian Inventory of Chemical Substances) All components are listed on AICS, or are exempt.	

16. OTHER INFORMATION

Additional Information RESPIRATORS: In general, the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

ACIDS: When mixing acids with water (diluting), caution must be taken as heat will be generated which causes violent spattering. Always add a small volume of acid to a large volume of water, NEVER the reverse.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as form of product, method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: form of product; frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

Abbreviations	ACGIH	American Conference of Governmental Industrial Hygienists
	CAS #	Chemical Abstract Service number - used to uniquely identify chemical compounds
	CNS	Central Nervous System
	EC No.	EC No - European Community Number
	EMS	Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods)
	GHS	Globally Harmonized System
	GTEPG	Group Text Emergency Procedure Guide
	IARC	International Agency for Research on Cancer
	LC50	Lethal Concentration, 50% / Median Lethal Concentration
	LD50	Lethal Dose, 50% / Median Lethal Dose
	mg/m ³	Milligrams per Cubic Metre
	OEL	Occupational Exposure Limit
	pH	relates to hydrogen ion concentration using a scale of 0 (highly acidic) to 14 (highly alkaline).
	ppm	Parts Per Million
	STEL	Short-Term Exposure Limit

STOT-RE Specific target organ toxicity (repeated exposure)
STOT-SE Specific target organ toxicity (single exposure)
SUSMP Standard for the Uniform Scheduling of Medicines and Poisons
SWA Safe Work Australia
TLV Threshold Limit Value
TWA Time Weighted Average

Report status

This document has been compiled by West Build Products Pty Ltd and serves as a Safety Data Sheet ('SDS').

It is based on information concerning the product which has been provided to West Build Products Pty Ltd by our suppliers or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer, importer or supplier.

While West Build Products Pty Ltd has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, West Build Products Pty Ltd accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

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