

Tile and Grout Cleaning Tablet



Material Safety Data Sheet (MSDS)

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY

PRODUCT NAME: Tile and Grout Cleaning Tablet
ISSUE DATE: 25/06/2025
COMPANY NAME: Earthy Global PTY LTD
ADDRESS: Suite 073 44 Lakeview Dr Scoresby VIC 3179
EMERGENCY PHONE NUMBER: 1300160793

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS Number	% by Weight
Sodium dodecyl sulfate	151-21-3	1–10
Citric acid	77-92-9	10–30
Sodium carbonate	497-19-8	10–30
Sodium citrate	6132-04-3	10–30
Fatty alcohol polyoxyethylene ether	3055-99-0	1–10
Esculent perfume	NA	0–1
Sodium alpha-olefin sulfonate	68439-57-6	1–10

SECTION 3: HAZARD IDENTIFICATION

Emergency Overview:

- Irritating to eyes, respiratory system, and skin.
- Moisture sensitive.

Potential Health Effects:

- Eyes: Causes severe irritation.
- Skin: Causes moderate irritation.
- Ingestion: May cause gastrointestinal irritation (nausea, vomiting, diarrhea).
- Inhalation: Causes respiratory tract irritation.
- Chronic: Not available.



SECTION 4: FIRST-AID MEASURES

- Eyes: Flush with plenty of water for at least 15 minutes, lifting eyelids occasionally.
- Skin: Flush with plenty of water for at least 15 minutes; remove contaminated clothing and shoes.
- Ingestion: Rinse mouth, seek medical aid.
- Inhalation: Remove to fresh air immediately.



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SECTION 5: FIRE-FIGHTING MEASURES

- General: Wear self-contained breathing apparatus and full protective gear.
- Explosion Risk: Dust explosion possible in sufficient quantity and reduced particle size.
- Extinguishing Media: Water spray, dry chemical, carbon dioxide, or chemical foam.



SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal Protection: Use appropriate personal protective equipment.
- Spills/Leaks: Vacuum or sweep up and place in a suitable disposal container.



SECTION 7: HANDLING AND STORAGE

- Handling: Avoid breathing dust. Avoid contact with skin and eyes.
- Storage: Keep out of reach of children. Store in a cool, dry place in a tightly closed container.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering Controls: Facilities should be equipped with an eyewash facility and a safety shower.
- Personal Protective Equipment:
 - Eyes: Wear chemical goggles.
 - Skin: Wear appropriate protective gloves.
 - Clothing: Wear a chemical apron.
 - Respirators: Use a NIOSH/MSHA approved air purifying dust or mist respirator or European Standard EN 149.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
General Physical Form	Solid
Specific Physical Form	Powder
Odor	Mild
Colour	White/Blue/Yellow
pH (1% solution in water)	3–8
Solubility in water	>99%
Bulk Density	0.8–1.2 kg/L

SECTION 10: STABILITY AND REACTIVITY

- Chemical Stability: Stable under normal temperatures and pressures.
- Conditions to Avoid: Incompatible materials, exposure to moist air or water.
- Incompatibilities: Oxidizing agents, reducing agents, bases, metal nitrates.
- Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.
- Hazardous Polymerization: Will not occur.

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SECTION 11: TOXICOLOGICAL INFORMATION

- Routes of Entry: Eye contact, inhalation, ingestion.
- Toxicity (for Sodium percarbonate):
 - Acute oral toxicity (LD50): 2200 mg/kg [Mouse].
- Other Effects: Very hazardous in case of skin contact (irritant). Hazardous in case of ingestion or inhalation. Slightly hazardous in case of skin contact (sensitizer). Irritating to mucous membranes and upper respiratory tract.



SECTION 12: ECOLOGICAL INFORMATION

- The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

- Dispose of in accordance with federal, state, and local regulations.

SECTION 14: TRANSPORT INFORMATION

- IATA/IMO/RID/ADR: No information available. Contact emergency numbers for details. ☐



SECTION 15: REGULATORY INFORMATION

- Labelling:
 - Keep out of reach of children.
 - Avoid contact with skin and eyes.
 - Harmful if swallowed.
- Indication of Danger: Xi = Irritant
- R-Phrases:
 - R36/37/38: Irritating to eyes, respiratory system, and skin.
 - R41: Risk of serious damage to eyes.
- S-Phrases:
 - S2: Keep out of reach of children.
 - S22: Do not breathe dust.
 - S24/25: Avoid contact with skin and eyes.
 - S26: In case of eye contact, rinse immediately with plenty of water and seek medical advice.
 - S36/37/39: Wear suitable protective clothing, gloves, and eye/face protection.

SECTION 16: OTHER INFORMATION

- The information in this Safety Data Sheet is believed to be correct as of the date issued. No warranties, expressed or implied, are made regarding its accuracy or suitability for any particular purpose. The user is responsible for determining whether the product is fit for a particular purpose and suitable for their method of use or application.