

Coffee machine cleaning tablet

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Material Safety Data Sheet (MSDS)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY

PRODUCT NAME: Coffee machine 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	Classification
Fatty alcohol polyoxyethylene ether	3055-99-0	2–15%	2–15%
Sodium percarbonate	15630-89-4	5–30%	2–15%
Sodium carbonate	497-19-8	5–30%	2–15%
Sodium citrate	6132-04-3	5–30%	2–15%
Sodium polyacrylate	9003-04-7	1–10%	2–15%
Polyvidone (PVP)	9003-39-8	0.5–5%	2–15%
Sodium sulfate	7757-82-6	5–30%	2–15%
Alkali protease	9014-01-1	0.5–5%	2–15%

SECTION 3: HAZARD IDENTIFICATION

- **Emergency Overview:**
 - Irritating to eyes, respiratory system, and skin. Sensitive to moisture.
- **Potential Health Effects:**
 - Eye contact: Causes severe irritation.
 - Skin contact: Causes moderate irritation.
 - Inhalation: Respiratory tract irritation.
 - Ingestion: May cause nausea, vomiting, and diarrhea.



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.



SECTION 5: FIRE-FIGHTING MEASURES

- General: Use self-contained breathing apparatus and full protective gear.
- Extinguishing Media: Water spray, dry chemical, carbon dioxide, chemical foam.
- Hazards: Dust explosion possible with sufficient quantity and fine particles.



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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
Odor	Mild
Colour	White/Blue/Yellow
pH (1% solution)	9.0–11.5
Solubility in water	>99%
Bulk Density	0.8–1.2 kg/L

SECTION 10: STABILITY AND REACTIVITY

- Stability: Stable under normal conditions.
- Conditions to Avoid: Moist air, water, incompatible materials (oxidizers, reducers, strong bases, metal nitrates).
- Hazardous Decomposition: Carbon monoxide, carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

- Sodium Percarbonate (Oral, mouse): Acute LD50 ~ 2200 mg/kg
- Hazards: Skin/eye irritation, potential for gastrointestinal effects, respiratory tract irritation.



SECTION 12: ECOLOGICAL INFORMATION

- Not considered harmful to aquatic organisms or to cause long-term environmental harm.

SECTION 13: DISPOSAL CONSIDERATIONS

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

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SECTION 14: TRANSPORT INFORMATION

- No special information available for IATA, IMO, or RID/ADR. Contact manufacturer for specifics.



SECTION 15: REGULATORY INFORMATION

- Keep out of reach of children.
- Harmful if swallowed. Irritant (Xi).
- R-Phrases: R36/37/38, R41.
- S-Phrases: S2, S22, S24/25, S26, S36/37/39.

SECTION 16: OTHER INFORMATION

- Users should determine product suitability for specific applications.
- For further safety or technical data, refer to the full Material Safety Data Sheet.