
1. IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

Trade name Tile Doctor Pro-Clean Tile & Grout Cleaner
Description Alkaline cleaner for tile and grout restoration and difficult cleaning.

Supplier Tile Doctor®
Dryades House, Sylvan Close,
Oxted, Surrey, RH8 ODX
United Kingdom



In case of emergency ☎ 0800 852 4 852, www.TileDoctor.co.uk

2. HAZARDS IDENTIFICATION

Main hazards: Irritating to eyes and skin.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients:

- 3 - BUTOXYPROPAN - 2 - OL 1-10%,
EINECS: 225-878-4 CAS: 005131-66-8, [Xi] R36/38
- C9/11 A, >3-6 EO PREDOMINANTLY LINEAR (DID 21) 1-10%,
EINECS: POLYMER CAS: 160875-66-1, [Xi] R41
- C 12/15 A, 3-12 EO MULTIBRANCHED (DID 27) 1-10%
EINECS: POLYMER CAS: 24938-91-8, [Xn] R22; [Xi] R41
- C9/11 A,5-11 EO MULTIBRANCHED(DID 23) 1-10%
EINECS: POLYMER CAS: 127036-24-2, [Xi] R41
- AMPHOTERIC SURFACTANT 1-10%,
EINECS:) [Xi] R36

4. FIRST AID MEASURES (SYMPTOMS)

- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.
- Skin contact:** There may be irritation and redness at the site of contact
- Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
- Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

4. FIRST AID MEASURES (ACTION)

- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.
- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash.
- Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
- Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

5. FIREFIGHTING MEASURES

- Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
- Exposure hazards:** In combustion emits toxic fumes.
- Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.
- Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.
- Methods for cleaning up:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

- Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.
- Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.
- Suitable packaging:** Stainless steel. Teflon. Glass.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering measures:** Ensure there is sufficient ventilation of the area.
- Hand protection:** Protective gloves. Gloves (alkali-resistant). Viton gloves. PVC gloves.
- Eye protection:** Tightly fitting safety goggles. Ensure eye bath is to hand.
- Skin protection:** Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Blue liquid with a characteristic odour
Evaoration Rate:	Moderate
Oxidising:	Non-oxidising (by EC criteria)
Melting point range	0°C
Boiling point range:	100°C
Relative density:	1.05 – 1.15
pH:	11.5
VOC g/l	57.3

10. STABILITY AND REACTIVITY

- Stability:** Stable under normal conditions.
- Materials to avoid:** Strong oxidising agents. Strong acids.
- Haz. decomp. products:** In combustion emits toxic fumes.

11. Toxicological Information

- Hazardous ingredients:** C9/11 A, >3-6 EO PREDOMINANTLY LINEAR (DID 21)
ORL RAT LD50 >2000 mg/kg
• C 12/15 A, 3-12 EO MULTIBRANCHED (DID 27)
ORL RAT LD50 1.5 g/kg
• C9/11 A,5-11 EO MULTIBRANCHED(DID 23)
ORL RAT LD50 1400 mg/kg
- Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. Ecological Information

- Hazardous ingredients:** 3 - BUTOXYPROPAN - 2 – OL
DAPHNIA 48H EC50 >1000 mg/l
FISH GUPPIES 96H LC50 560-1000 mg/l
• C9/11 A, >3-6 EO PREDOMINANTLY LINEAR (DID 21)
ALGAE Scenedesmus 48H EC50 10 - 100 mg/l
• C 12/15 A, 3-12 EO MULTIBRANCHED (DID 27)
FISH 96H LC50 >1 mg/l
• C9/11 A,5-11 EO MULTIBRANCHED(DID 23)
FISH 96H LC50 >11.8 mg/l
- Mobility:** Readily absorbed into soil.
- Persistence & degradability:** Biodegradable. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in regulation (EC) No.648/2004 on detergents.
- Bioaccumulative potential:** No bioaccumulation potential.
- Other adverse effects:** Negligible ecotoxicity.

13. Disposal Considerations

- Disposal of packaging:** Dispose of as normal industrial waste.
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. Transport Information

- ADR / RID UN no: Not Classified.
IMDG / IMO UN no: Not Classified.
IATA / ICAO UN no: Not Classified.

15. Regulatory Information

Hazard symbols:

Irritant.

**Risk phrases:**

R36/38: Irritating to eyes and skin.

Safety phrases:

S2: Keep out of the reach of children.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Seveso II guideline:

No

Water hazard class:

1 Classification by VwVwS

Air emission directive:

Amount m%: 5.73

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. Other Information

Other information:

This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

Risk phrases used in s.3:R36/38: Irritating to eyes and skin.
R41: Risk of serious damage to eyes.
R22: Harmful if swallowed.
R36: Irritating to eyes.**Legal disclaimer:**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.