

**SAFETY DATA SHEET**  
(TILE DOCTOR) REMOVE & GO

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**Compilation date:** 16/10/2013  
**Revision date:** 22.09.15  
**Revision No:** 2

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** (TILE DOCTOR) REMOVE & GO

**Product code:** HC0498

**Synonyms:** HC0498 / TD

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use of substance / mixture:** FOR PROFESSIONAL AND INDUSTRIAL USE ONLY. Water based hard surface cleaner.

**1.3. Details of the supplier of the safety data sheet**

**Company name:** TILE DOCTOR

The Old Smithy  
50F Market Street  
Carnforth  
Lancashire  
LA5 9LB  
United Kingdom

**Tel:** 0845 652 4652

**Email:** [info@tiledoctor.co.uk](mailto:info@tiledoctor.co.uk)

**1.4. Emergency telephone number**

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** Skin Irrit. 2: H315; Eye Irrit. 2: H319

**Most important adverse effects:** Causes skin irritation. Causes serious eye irritation.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H315: Causes skin irritation.

H319: Causes serious eye irritation.

**Hazard pictograms:** GHS07: Exclamation mark



**Signal words:** Warning

**Precautionary statements:** P102: Keep out of reach of children.

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

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P260: Do not breathe spray.

P262: Do not get in eyes, on skin, or on clothing.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P302+352: IF ON SKIN: Wash with plenty of water/soap.

**2.3. Other hazards**

**PBT:** This product is not identified as a PBT/vPvB substance.

**Section 3: Composition/information on ingredients**

**3.2. Mixtures**

**Hazardous ingredients:**

**2 BUTOXY ETHANOL**

EINECS	CAS	PBT / WEL	CLP Classification	Percent
203-905-0	111-76-2	-	Acute Tox. 4: H332; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Acute Tox. 4: H312; Acute Tox. 4: H302	10-30%

**DISODIUM METASILICATE**

229-912-9	6834-92-0	-	Skin Corr. 1B: H314; STOT SE 3: H335	1-10%
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**PRIMARY ALCOHOL ETHOXYLATE CD916**

-	68439-45-2	-	Acute Tox. 4: H302; Eye Dam. 1: H318	1-10%
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**TRIETHANOLAMINE**

203-049-8	102-71-6	Substance with a Community workplace exposure limit.	-	1-10%
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**DIMETHYL C12-C14 ALKYL BETAINES**

266-368-1	66455-29-6	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319	1-10%
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**TETRA-SODIUM ETHYLENEDIAMINE TETRA-ACETATE**

200-573-9	64-02-8	-	Acute Tox. 4: H332; Skin Irrit. 2: H315; Eye Dam. 1: H318	1-10%
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**Section 4: First aid measures**

**4.1. Description of first aid measures**

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Move to fresh air in case of accidental inhalation of vapours.

[cont...]

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

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** In combustion emits toxic fumes. Water based product. Advice relates to dry residues after water has evaporated.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Section 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

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**7.1. Precautions for safe handling**

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

**7.3. Specific end use(s)**

**Specific end use(s):** No data available.

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	25ppm	50ppm	-	-

**Hazardous ingredients:**

**2 BUTOXY ETHANOL**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	25ppm (Sk)	50ppm (Sk)	-	-

**TRIETHANOLAMINE**

UK	5 mg/m3 (no std.)	-	-	-
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**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**Section 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**State:** Liquid

**Colour:** Yellow

**Odour:** Sweet-smelling

**Evaporation rate:** Slow

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**Solubility in water:** Highly soluble

**Viscosity:** Non-viscous

**Boiling point/range°C:** 100-172

**Flammability limits %: lower:** 1.1

**Flash point°C:** >70

**Autoflammability°C:** >230

**Relative density:** 1.050

**VOC g/l:** 140

**Melting point/range°C:** 0

**upper:** 10.6

**Part.coeff. n-octanol/water:** No data available.

**Vapour pressure:** Not applicable.

**pH:** 12 - 13

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat.

**10.5. Incompatible materials**

**Materials to avoid:** Strong oxidising agents. Strong acids.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Hazardous ingredients:**

**2 BUTOXY ETHANOL**

ORL	RAT	LD50	1746	mg/kg
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**DISODIUM METASILICATE**

ORAL	RAT	LD50	1280	mg/kg
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**PRIMARY ALCOHOL ETHOXYLATE CD916**

IHL	RAT	LC50	>5	mg/l
ORL	RAT	LD50	200-2000	mg/kg
SKN	RAT	LD50	>2000	mg/kg

**TRIETHANOLAMINE**

ORL	RAT	LD50	>2	g/kg
SKN	RBT	LD50	>10	g/kg

**DIMETHYL C12-C14 ALKYL BETAINES**

ORL	RAT	LD50	>2000	mg/kg
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**TETRA-SODIUM ETHYLENEDIAMINE TETRA-ACETATE**

DERMAL	GPG	LD50	5000	mg/kg
ORL	RAT	LD50	3030	mg/kg

**Relevant hazards for substance:**

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

**Symptoms / routes of exposure**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**Section 12: Ecological information**

**12.1. Toxicity**

**Hazardous ingredients:**

**2 BUTOXY ETHANOL**

RAINBOW TROUT ( <i>Oncorhynchus mykiss</i> )	96H LC50	1474	mg/l
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**DISODIUM METASILICATE**

Daphnia magna	48H EC50	216	mg/l
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ZEBRAFISH (Brachydanio rerio)	96H LC50	210	mg/l
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**PRIMARY ALCOHOL ETHOXYLATE CD916**

FISH	96H LC50	1-10	mg/l
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**TRIETHANOLAMINE**

FISH	48H EC50	1390	mg/l
FISH	96H LC50	>5000	mg/l

**TETRA-SODIUM ETHYLENEDIAMINE TETRA-ACETATE**

FISH	96H LC50	>100	mg/l
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**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable. The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil. Volatile. Soluble in water. Vapour is heavier than air.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** Negligible ecotoxicity.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal of packaging:** Dispose of as normal industrial waste. Clean with water.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**Transport class:** This product does not require a classification for transport.

**Section 15: Regulatory information**

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

**Specific regulations:** Not applicable.

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

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**Section 16: Other information**

**Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Detergent Regulations EC648/2004, the product contains amongst other ingredients:-

Amphoteric surfactants <5%

Non-Ionic surfactants <5%

EDTA salts <5%

IMPORTANT NOTE:

Risk phases in this section below relate to the INDIVIDUAL COMPONENTS in the formulation when used at their FULL CONCENTRATIONS, and not at the reduced levels in the mixed product.

See sections 2 and 3 for the calculated hazard and risk phrases for the blended product.

**Phrases used in s.2 and s.3:** H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

**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. For professional and industrial use only.