

## 1. IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

Trade name	Tile Doctor Vinyl Strip
Description	Washing and cleaning Product for the removal of coatings from Vinyl floor tiles.
Supplier	Tile Doctor® Dryades House, Sylvan Close, Oxted, Surrey, RH8 0DX United Kingdom
In case of emergency	☎ 0845 652 4 652, <a href="http://www.TileDoctor.co.uk">www.TileDoctor.co.uk</a>



## 2. COMPOSITION

Components considered to be hazardous and above thresholds of concern as described in Directive 2001/59/EC are listed below.

NAME	EC No	CAS-No	CONTENT	CLASSIFICATION
3 - BUTOXYPROPAN - 2 - OL	225-878-4	005131-66-8	1-10%	Skin Irrit. 2: H315; Eye Irrit. 2: H319
SODIUM HYDROXIDE	215-185-5	1310-73-2	1-10%	Skin Corr. 1A: H314
B-ALANINE,N-COCO ALKYL DERIVATIVES, SODIUM SALTS	271-795-1	68608-68-4	1-10%	Eye Irrit. 2: H319
ISOTRIDECANOETHOXYLATE,POLYMER(8 MOLE EO AVERAGE)		69011-36-5	1-10%	Acute Tox. 4: H302; Eye Dam. 1: H318
POTASSIUM HYDROXIDE	215-181-3	1310-58-3	<1%	Acute Tox. 4: H302; Skin Corr. 1A: H314
LIMONENE ( CITRUS DULCIS )	232-433-8	8028-48-6	<1%	Flam. Liq. 3: H226; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Irrit. 2: H315; Skin Sens. 1: H317; Asp. Tox. 1: H304
P-MENTHA-1,8-DIENE	205-341-0	138-86-3	<1%	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 4: H413; Aquatic Acute 1: H400

## 3. HAZARDS IDENTIFICATION

## 3.1. Classification of the substance or mixture

**Classification under CLP:** Skin Corr. 1A: H314;  
Aquatic Chronic 3: H412; -: EUH208

**Most important adverse effects:** Contains limonene ( citrus dulcis ), p-mentha-1, 8-diene. May produce an allergic reaction. Causes severe skin burns and eye damage. Harmful to aquatic life with long lasting effects.

## 3.2. Label elements

**Label elements:**

**Hazard statements:** EUH208: Contains limonene ( citrus dulcis ), p-mentha-1,8-diene. May produce an allergic reaction.  
H314: Causes severe skin burns and eye damage.  
H412: Harmful to aquatic life with long lasting effects.

**Hazard pictograms:** GHS05: Corrosion



**Signal words:** Danger

**Precautionary statements:** P102: Keep out of reach of children.  
P262: Do not get in eyes, on skin, or on clothing.  
P280: Wear protective gloves.  
P282: Wear eye protection.  
P264: Wash hands thoroughly after handling.  
P305+351+338: IF IN EYES: Rinse cautiously with Water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+313: If eye irritation persists: Get medical attention.  
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P333+313: If skin irritation or rash occurs: Get medical attention.  
P405: Store locked up.

## 3.3. Other hazards

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

## 4. FIRST AID MEASURES

## 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**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. Transfer to hospital as soon as possible.

**Inhalation:** Remove casualty from exposure ensuring one's own Safety whilst doing so. Transfer to hospital as soon as possible.

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

<b>Skin contact:</b>	There may be irritation and redness at the site of contact.
<b>Eye contact:</b>	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.
<b>Ingestion:</b>	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
<b>Inhalation:</b>	There may be irritation of the throat with a feeling of tightness in the chest.
<b>Delayed / immediate effects:</b>	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.

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5. FIREFIGHTING MEASURES

## 5.1. Extinguishing media

**Extinguishing media:** Water.

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

**Exposure hazards:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

## 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.

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6. ACCIDENTAL RELEASE MEASURES

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

**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.

## 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.

## 6.4. Reference to other sections

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

## 7. HANDLING AND STORAGE

## 7.1. Precautions for safe handling

**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.

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

**Storage conditions:** Keep container tightly closed.  
**Suitable packaging:** Stainless steel. Polyethylene.

## 7.3. Specific end use(s)

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

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1. Control parameters

Hazardous ingredients:

**SODIUM HYDROXIDE****Workplace exposure limits:****Respirable dust**

State	8 Hour TWA	15 min. STEL	8 hour TWA	15 min STEL.
UK	-	2mg/m <sup>3</sup>	-	-

**POTASSIUM HYDROXIDE**

UK	-	2mg/m <sup>3</sup>	-	-
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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:** Respiratory protection not required.  
**Hand protection:** Rubber gloves. Gloves (alkali-resistant).  
**Eye protection:** Tightly fitting safety goggles.  
 Ensure eye bath is to hand.  
**Skin protection:** Protective clothing.

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9. PHYSICAL AND CHEMICAL PROPERTIES

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## 9.1. Information on basic physical and chemical properties

<b>State</b>	Liquid
<b>Colour:</b>	Red
<b>Odour/Taste</b>	Characteristic odour
<b>Evaporation Rate</b>	Moderate
<b>Oxidising</b>	Non-oxidising (by EC criteria)
<b>Boiling point (°C, interval)</b>	100
<b>Melting point/range°C</b>	0
<b>Relative Density:</b>	1.073
<b>Vapour Pressure:</b>	Not applicable
<b>Viscosity:</b>	Non-viscous
<b>Solubility in water:</b>	Soluble
<b>Flash Point (°C):</b>	Not applicable
<b>Autoflammability°C</b>	Not applicable
<b>Flammability Limit - Lower(%):</b>	Not applicable
<b>Flammability Limit - Upper(%):</b>	Not applicable
<b>VOC g/l</b>	36.5
<b>Part.coeff. n-octanol/water:</b>	N/A
<b>PH</b>	13.1

## 9.2. Other information

**Other information:** No data available.

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10. STABILITY AND REACTIVITY

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## 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.

## 10.4. Conditions to avoid

## 10.5. Incompatible materials

## 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

## 11. TOXICOLOGICAL INFORMATION

## 11.1. Information on toxicological effects

**Hazardous ingredients:****3 - BUTOXYPROPAN - 2 – OL**

ORAL	RAT	LD50	2700	mg/kg
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**SODIUM HYDROXIDE**

IPR	MUS	LD50	40	mg/kg
ORL	RBT	LDLO	500	mg/kg

**B-ALANINE,N-COCO ALKYL DERIVATIVES, SODIUM SALTS**

ORAL		LD50	>5000	mg/kg
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**ISOTRIDECANOLETHOXYLATE,POLYMER(8 MOLE EO AVERAGE)**

ORAL	RAT	LD50	500-2000	mg/kg
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**POTASSIUM HYDROXIDE**

ORAL	RAT	LD50	273	mg/kg
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**Relevant hazards for product:**

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 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.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

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

## 12. ECOLOGICAL INFORMATION

## 12.1. Toxicity

## Hazardous ingredients:

## 3 - BUTOXYPROPAN - 2 – OL

-	48H EC50	>1000	mg/l
GUPPIES	96H LC50	560-1000	mg/l

## B-ALANINE,N-COCO ALKYL DERIVATIVES, SODIUM SALTS

-	48H EC50	18	mg/l
-	48H EC50	97.5	mg/l

## ISOTRIDECANOLETHOXYLATE,POLYMER(8 MOLE EO AVERAGE)

FISH	96H LC50	1-10	mg/l
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## 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable. The surfactants contained in this preparation 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:** Soluble in water.

## 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.

## 13. DISPOSAL CONSIDERATIONS

## 13.1. Waste treatment methods

**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.

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14. TRANSPORT INFORMATION

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## 14.1. UN number

**UN number:** UN1760

## 14.2. UN proper shipping name

**Shipping name:** CORROSIVE LIQUID, N.O.S.  
(SODIUM HYDROXIDE (2%))

## 14.3. Transport hazard class(es)

**Transport class:** 8

## 14.4. Packing group

**Packing group:** III

## 14.5. Environmental hazards

**Environmentally hazardous:** No Marine pollutant: No

## 14.6. Special precautions for user

**Special precautions:** No special precautions.  
**Tunnel code:** E  
**Transport category:** 3

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15. REGULATORY INFORMATION

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

## 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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16. OTHER INFORMATION

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## Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.  
\* indicates text in the SDS which has changed since the last revision.**Phrases used in s.2 and s.3:** EUH208: Contains Limonene (citrus dulcis), p-mentha-1, 8-diene. May produce an allergic reaction.  
H226: Flammable liquid and vapour.  
H302: Harmful if swallowed.  
H304: May be fatal if swallowed and enters airways.  
H314: Causes severe skin burns and eye damage.  
H315: Causes skin irritation.



H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

H413: May cause long lasting harmful effects to aquatic life.

**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.