



SAFETY DATA SHEET

PINE FLOOR GEL

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Compilation date: 25/05/2016

Revision date: 15/02/2018

Revision No: 9

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

1.1. Product identifier

Product name: PINE FLOOR GEL

Product code: 22/00

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

Use of substance / mixture: Floor cleaner for professional use.

1.3. Details of the supplier of the safety data sheet

Company name: Kelher Supplies Ltd

3 Hawkshead Road

Croft Business Park

Bromborough

Wirral

CH62 3RJ

Tel: 0151 334 9996

Fax: 0151 334 8882

Email: info@kelhersupplies.co.uk

1.4. Emergency telephone number

Section 2: Hazards identification

2.1. Classification of the substance or mixture

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

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: P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/eye protection.

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

[cont...]

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

P321: Specific treatment (see instructions on this label).

P332+313: If skin irritation occurs: Get medical advice/attention.

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:

PINE OIL

EINECS	CAS	PBT / WEL	CLP Classification	Percent
304-455-9	8002-09-3	-	Eye Irrit. 2: H319	1-10%

DODECYLBENZENESULPHONIC ACID ISOPROPYLAMINE SALT - REACH registered number(s): 01-2119985163-33-0002

284-664-9	84961-74-0	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319	1-10%
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2-AMINOETHANOL - REACH registered number(s): 01-2119486455-28

205-483-3	141-43-5	-	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314	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. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water.

Inhalation: Not applicable.

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 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.

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

Immediate / special treatment: Not applicable.

[cont...]

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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.

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: 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.

Section 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: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

[cont...]

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Hazardous ingredients:

2-AMINOETHANOL

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	2.5 mg/m ³	7.6 mg/m ³	-	-

DNEL/PNEC Values

Hazardous ingredients:

2-AMINOETHANOL

Type	Exposure	Value	Population	Effect
DNEL	Dermal	1	Workers	Systemic
DNEL	Inhalation	3.3	Workers	Systemic
DNEL	Inhalation	3.3	Workers	Local
DNEL	Dermal	0.24	Consumers	Systemic
DNEL	Inhalation	2	Consumers	Systemic
DNEL	Inhalation	2	Consumers	Local
DNEL	Oral	3.75	Consumers	Systemic
PNEC	Fresh water	0.085	-	-
PNEC	Marine water	0.0085	-	-
PNEC	Fresh water sediments	0.425	-	-
PNEC	Marine sediments	0.0425	-	-
PNEC	Soil (agricultural)	0.035	-	-
PNEC	Microorganisms in sewage treatment	100	-	-

8.2. Exposure controls

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

Respiratory protection: Not required for normal conditions of use.

Hand protection: Protective gloves.

Eye protection: Safety glasses are not normally required. However their use is recommended where there is a risk of spray mist or splashing when using or handling product. 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: Brown

Odour: Characteristic odour

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Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Soluble

Viscosity: Highly viscous

Flash point°C: >70

pH: 9-10

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:

PINE OIL

DERMAL	RBT	LD50	5000	mg/kg
ORAL	RAT	LD50	5300	mg/kg

2-AMINOETHANOL

DERMAL	RBT	LD50	1,025.0	mg/kg
DUST/MIST	-	-	1.5	mg/l
GASES	-	-	4,500.0	ppmV
ORAL	RAT	LD50	1,720.0	mg/kg

[cont...]

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VAPOURS	-	-	11.0	mg/l
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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.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

2-AMINOETHANOL

BLUEGILL (<i>Lepomis macrochirus</i>)	96H ErC50	300 - 1000	mg/l
Daphnia magna	48H EC50	65	mg/l
Pseudokirchneriella subcapitata	72H ErC50	2.8	mg/l
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H ErC50	114 - 196	mg/l
Scenedesmus Subspicatus	72H ErC50	22	mg/l
ZEBRAFISH (<i>Brachydanio rerio</i>)	96H ErC50	3684	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

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.

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Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

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.

Section 16: Other information

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: H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

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.