



WOOD FINISHES DIRECT

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For purchasing information visit:
[ArmourFlex Wood Floor Cleaner Concentrate](#)



SAFETY DATA SHEET

ARMOURFLEX WOOD FLOOR CLEANER CONCENTRATE

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Compilation date: 12/09/2018

Revision No: 1

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

1.1. Product identifier

Product name: ARMOURFLEX WOOD FLOOR CLEANER CONCENTRATE

Product code: AFCCGEN

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

Use of substance / mixture: Consumer Use. Professional Use. Wood Floor Cleaner. Unique Formula Identifier (UFI) in accordance with Commission Regulation (EU) No 2017/542. UFI: FM00-E0GE-S002-12SM

1.3. Details of the supplier of the safety data sheet

Company name: J.V. Barrett & Co Ltd

St Ivel way

Warmley

Bristol

BS30 8TY

United Kingdom

Tel: 01179600060

Fax: 01179352437

Email: sales@barrettine.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 1179 600060 (Office hours only 8am - 5pm Mon- Thurs. 8 am - 4.30 pm Fri.) +44 (0) 1270 502891 (Out of hours emergency number)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319; -: EUH208

Most important adverse effects: Contains perfume (eucalyptus extract, linalool, eucalyptol, lavender). May produce an allergic reaction. Causes serious eye irritation.

2.2. Label elements

Label elements:

Hazard statements: EUH208: Contains perfume (eucalyptus extract, linalool, eucalyptol, lavender). May produce an allergic reaction.

H319: Causes serious eye irritation.

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Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning

Precautionary statements: P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P264: Wash hands thoroughly after handling.
P280: Wear protective gloves/eye protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P501: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

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-METHOXYMETHYLETHOXY)PROPANOL - REACH registered number(s): 01-2119450011-60-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
252-104-2	34590-94-8	Substance with a Community workplace exposure limit.	-	1-10%

3-(2-METHOXYETHOXY)PROPYL-METHYL-BIS(TRIMETHYLSILOXY)SILANE - REACH registered number(s): ANNEX V EXEMPT

608-078-3	27306-78-1	-	Acute Tox. 4: H332; Aquatic Chronic 2: H411; Eye Irrit. 2: H319	1-10%
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LINALOOL - REACH registered number(s): 01-2119474016-42-XXXX

201-134-4	78-70-6	-	Skin Sens. 1B: H317	0.1-1%
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EUCALYPTUS EXT

616-775-9	8000-48-4	-	Flam. Liq. 3: H226; Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Skin Sens. 1: H317; Asp. Tox. 1: H304	0.1-1%
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EUCALYPTOL - REACH registered number(s): 01-2119967772-24-XXXX

207-431-5	470-82-6	-	Flam. Liq. 3: H226; Skin Sens. 1B: H317	<0.1%
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LAVENDER

616-988-7	8016-78-2	-	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Muta. 2: H341; STOT SE 2: H371; Aquatic Chronic 2: H411	<0.1%
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Contains: Perfume (eucalyptus extract, linalool, eucalyptol, lavender)

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash hands thoroughly after handling with water and soap. If irritation occurs seek medical advice.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. Get medical attention if you feel unwell.

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.

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: Treat Symptomatically.

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. Contain the spread of the firefighting media. Do not allow run-off from firefighting to enter drains or water courses.

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

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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.

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: No data available.

DNEL/PNEC Values

Hazardous ingredients:

(2-METHOXYMETHYLETHOXY)PROPANOL

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	37.2 mg/m ³	General Population	Systemic
DNEL	Inhalation (repeated dose)	308mg/m ³	Workers	Systemic
DNEL	Dermal (repeated dose)	283 mg/kg bw/day	Workers	Systemic
DNEL	Dermal (repeated dose)	121 mg/kg bw/day	General Population	Systemic
DNEL	Oral (repeated dose)	36 mg/kg bw/day	General Population	Systemic
PNEC	Fresh water	19 mg/l	-	-
PNEC	Marine water	1.9 mg/l	-	-
PNEC	Microorganisms in sewage treatment	4.168 g/l	-	-

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PNEC	Fresh water sediments	70.2 mg/kg	-	-
PNEC	Marine sediments	7.02 mg/l	-	-
PNEC	Soil (agricultural)	2.74 mg/kg	-	-

EUCALYPTOL

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	7.05 mg/m ³	Workers	Systemic
DNEL	Inhalation (repeated dose)	1.74 mg/m ³	General Population	Systemic
DNEL	Dermal (repeated dose)	2 mg/kg bw/day	Workers	Systemic
DNEL	Dermal (repeated dose)	1 mg/kg bw/day	General Population	Systemic
DNEL	Oral (repeated dose)	600mg/kg bw/day	General Population	Systemic
PNEC	Fresh water	57 µg/l	-	-
PNEC	Marine water	5.7 µg/l	-	-
PNEC	Fresh water sediments	1.425 mg/kg	-	-
PNEC	Marine sediments	142.5 µg/l	-	-
PNEC	Microorganisms in sewage treatment	10 mg/l	-	-

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: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Environmental: Avoid release to the environment

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Pink

Odour: Pleasant

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: No data available.

Viscosity: No data available.

Boiling point/range°C: No data available.

Melting point/range°C: No data available.

Flammability limits %: lower: No data available.

upper: No data available.

Flash point°C: No data available.

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

Autoflammability°C: No data available.

Vapour pressure: No data available.

Relative density: No data available.

pH: No data available.

VOC g/l: No data available.

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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.

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-METHOXYMETHYLETHOXY)PROPANOL

DERMAL	RAT	4H LC50	>5800	mg/m ³
DERMAL	RAT	NOAEL	2850	mg/kg
ORAL	RAT	NOAEL	1000	mg/kg
ORAL	RAT	NOEL	200	mg/kg
VAPOURS	RAT	7H LC50	275	ppmV
VAPOURS	RAT	NOAEL	200	ppmV

3-(2-METHOXYETHOXY)PROPYL-METHYL-BIS(TRIMETHYLSILYLOXY)SILANE

VAPOURS	RAT	4H LC50	2	mg/l
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LINALOOL

DERMAL	RAT	LD50	5610	mg/kg
DERMAL	RBT	LD50	>5000	mg/kg
ORAL	RAT	LD50	2790	mg/kg

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Relevant hazards for product:

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

Excluded hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	-	No hazard: calculated
Acute toxicity (ac. tox. 3)	-	No hazard: calculated
Acute toxicity (ac. tox. 2)	-	No hazard: calculated
Acute toxicity (ac. tox. 1)	-	No hazard: calculated
Skin corrosion/irritation	-	No hazard: calculated
Respiratory/skin sensitisation	-	No hazard: calculated
Germ cell mutagenicity	-	No hazard: calculated
Carcinogenicity	-	No hazard: calculated
Reproductive toxicity	-	No hazard: calculated
STOT-single exposure	-	No hazard: calculated
STOT-repeated exposure	-	No hazard: calculated
Aspiration hazard	-	No hazard: 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.

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

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

(2-METHOXYMETHYLETHOXY)PROPANOL

Daphnia magna	48H LC50	1919	mg/l
FISH	96H LC50	>1000	mg/l
GREEN ALGA (Selenastrum capricornutum)	96H EC50	>969	mg/l

3-(2-METHOXYETHOXY)PROPYL-METHYL-BIS(TRIMETHYLSILYLOXY)SILANE

Daphnia magna	48H EC50	>10-100	mg/l
MARINE ALGAE (Skeletonema costatum)	96H EC50	>1-10	mg/l

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ZEBRAFISH (Brachydanio rerio)	96H LC50	>1-10	mg/l
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LINALOOL

Daphnia magna	48H EC50	59	mg/l
FISH	96H LC50	27.8	mg/l

EUCALYPTOL

ALGAE	72H ErC50	74	mg/l
DAPHNIA	48H EC50	100	mg/l
FISH	96H LC50	57	mg/l

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

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: Avoid release to the environment.

Section 13: Disposal considerations

13.1. Waste treatment methods

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

Disposal of packaging: Dispose of in accordance with Local Authority requirements.

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: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH208: Contains perfume (eucalyptus extract, linalool, eucalyptol, lavender). May produce an allergic reaction.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H341: Suspected of causing genetic defects.

H371: May cause damage to organs.

H411: Toxic to aquatic life with long lasting effects.

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.