



SAFETY DATA SHEET

Astonish Wood Floor Cleaner

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

1.1. Product identifier

Product name	Astonish Wood Floor Cleaner
Product number	WOOD(MIX)SEALED
Internal identification	1830F9V4

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

Identified uses	Cleaning laminate and sealed wood floors
Uses advised against	Do not use on non-washable surfaces, unsealed wood, or damaged/cracked varnish and lacquer. Always follow the floor manufacturer's guidelines. If unsure test on a small inconspicuous area first for compatibility.

1.3. Details of the supplier of the safety data sheet

Supplier	The London Oil Refining Company Ltd Astonish House Unit 1 Premier Point Staithgate Lane Bradford BD6 1DW (01274) 767440 (office hours only) (01274) 726285 www.astonishcleaners.com
Contact person	info@astonish.co.uk
Manufacturer	As supplier.

1.4. Emergency telephone number

Emergency telephone	UK - Emergency Telephone (01274) 767440 (8am-4pm Mon-Fri). ROI - Poisons Information Centre of Ireland: 01 809 2166 8am-10pm 7 days a week
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Eye Irrit. 2 - H319
Environmental hazards	Not Classified

2.2. Label elements

Hazard pictograms



Signal word	Warning
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Hazard statements	EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction. H319 Causes serious eye irritation.
Precautionary statements	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read label before use. P264 Wash hands thoroughly after handling. P280 Wear eye and face 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.
Additional Labelling	None
Detergent labelling	< 5% non-ionic surfactants, < 5% perfumes, < 5% soap, Contains benzyl benzoate, 1,2-benzisothiazol-3(2H)-one

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Undecanol, branched and linear, ethoxylated (>5-15 EO)	1-5%	
CAS number: 68439-46-3		
Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318		
C9/C11 Alcohol Ethoxylate 2.5Meo	1-5%	
CAS number: —		
Classification Eye Dam. 1 - H318		
Butyl Diglycol	1-5%	
CAS number: 112-34-5	EC number: 203-961-6	
Classification Eye Irrit. 2 - H319		
Isopropanol	1-5%	
CAS number: 67-63-0	EC number: 200-661-7	REACH registration number: 01-2119457558-25-0000
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336		

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benzyl benzoate	<1%	
CAS number: 120-51-4	EC number: 204-402-9	
M factor (Acute) = 1		
Classification		
Acute Tox. 4 - H302		
Aquatic Acute 1 - H400		
Aquatic Chronic 2 - H411		
1,2-benzisothiazol-3(2H)-one	<1%	
CAS number: 2634-33-5	EC number: 220-120-9	
M factor (Acute) = 1		
Classification		
Acute Tox. 4 - H302		
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
Skin Sens. 1 - H317		
Aquatic Acute 1 - H400		
Aquatic Chronic 2 - H411		
Citric Acid Monohydrate	<1%	
CAS number: 5949-29-1	EC number: 201-069-1	
Classification		
Eye Irrit. 2 - H319		
Sodium Hydroxide	<1%	
CAS number: 1310-73-2	EC number: 215-185-5	REACH registration number: 01-2119457892-07-0000
Classification		
Met. Corr. 1 - H290		
Skin Corr. 1A - H314		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Remove exposure and give water to drink if mouth irritation experienced. Seek medical advice if recovery not rapid.
Ingestion	Drink water. If symptoms persist seek medical advice.
Skin contact	Rinse affected area with water.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists after washing.

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

Inhalation	Possible mild irritation of breathing passage and possible mouth irritation.
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Ingestion	Possible mild stomach upset and mild soreness of mouth.
Skin contact	Possible mild transient irritation of skin.
Eye contact	Causes eye irritation.

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

Notes for the doctor	No data available
Specific treatments	No data available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use extinguisher suitable to cause of fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Product does not support combustion, minimal fire hazard. Minimal quantities of oxides of carbon may be produced.

5.3. Advice for firefighters

Protective actions during firefighting Use protection suitable to cause of fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin and eyes.

6.2. Environmental precautions

Environmental precautions Product is intended to be rinsed away to sewer after use. For bigger spillages non-household spillages prevent entry into sewer or drains.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb household spillages with e.g kitchen roll and dispose of in bin. Wipe affected area clean with a damp cloth.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Use as instructed on label. Avoid contact with eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in ambient conditions. Keep out of the reach of children.

7.3. Specific end use(s)

Specific end use(s) Cleaning laminate and sealed wood floors

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

Butyl Diglycol

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Long-term exposure limit (8-hour TWA): 10 ppm 67.5 mg/m³

Short-term exposure limit (15-minute): 15 ppm 101.2 mg/m³

Isopropanol

Long-term exposure limit (8-hour TWA): EH40 WEL, WEL 400 ppm 999 mg/m³

Short-term exposure limit (15-minute): EH40 WEL 500 ppm 1,250 mg/m³

Sodium Hydroxide

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit.

Citric Acid Monohydrate (CAS: 5949-29-1)

PNEC	- Fresh water; 0.44 mg/l
	- Sediment (Freshwater); 3.46 mg/kg
	- Sediment (Marinewater); 34.6 mg/kg
	- marine water; 0.044 mg/l
	- STP; >1000 mg/l
	- Soil; 33.1 mg/kg

8.2. Exposure controls

Eye/face protection	Wear eye protection. Avoid contact with face.
Hand protection	For users with sensitive skin, it is recommended that suitable protective gloves are worn.
Environmental exposure controls	This product does not pose a hazard in normal use when following the usage instructions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Clear thin pink/red liquid
Colour	Pink/Red
Odour	Fruity/Floral
Odour threshold	Not known.
pH	pH (concentrated solution): 7.5 - 9.2
Melting point	Not known.
Initial boiling point and range	Not measured (>100°C)
Flash point	Not determined.
Evaporation rate	Not known.
Evaporation factor	Not known.
Flammability (solid, gas)	Does not ignite.
Upper/lower flammability or explosive limits	Does not ignite.
Other flammability	Not relevant.
Vapour pressure	Not determined.
Vapour density	> 1 (Air=1)
Relative density	1.000 - 1.020 @ 20°C

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Bulk density	Not relevant.
Solubility(ies)	Soluble in water
Partition coefficient	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not available.
Viscosity	Not determined.
Explosive properties	None
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Not applicable.

9.2. Other information

Other information	None.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No reactivity hazards expected.
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10.2. Chemical stability

Stability	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	None under normal conditions.
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10.4. Conditions to avoid

Conditions to avoid	None known.
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10.5. Incompatible materials

Materials to avoid	None known.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Carbon oxides.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	This mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.
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Acute toxicity - oral

ATE oral (mg/kg)	15,555.56
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Toxicological information on ingredients.

Undecanol, branched and linear, ethoxylated (>5-15 EO)

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg)	350.0
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Species	Rat
ATE oral (mg/kg)	350.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg)	2,001.0
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Species	Rat
ATE dermal (mg/kg)	2,001.0

C9/C11 Alcohol Ethoxylate 2.5Meo

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg)	2,000.0
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Species	Rat
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Butyl Diglycol

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg)	2,000.0
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Species	Rat
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Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg)	2,000.0
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Species	Rabbit
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Isopropanol

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg)	5,820.0
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Species	Rat
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ATE oral (mg/kg)	5,820.0
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Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg)	12,800.0
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Species	Rabbit
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ATE dermal (mg/kg)	12,800.0
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1,2-benzisothiazol-3(2H)-one

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg)	2,660.0
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Species	Acute toxicity estimate
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ATE oral (mg/kg) 500.0

SECTION 12: Ecological information

12.1. Toxicity

Toxicity The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

Ecological information on ingredients.

Undecanol, branched and linear, ethoxylated (>5-15 EO)

Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , 96 hours: >1 - 10 mg/l, Cyprinus carpio (Common carp)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: >1 - 10 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC ₅₀ , 72 hours: >1 - 10 mg/l, Desmodemus subspicatus

C9/C11 Alcohol Ethoxylate 2.5Meo

Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , 96 hours: 1-10 mg/l, Fish
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Butyl Diglycol

Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , : 100 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: >100 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC ₅₀ , : 100 mg/l, Desmodemus subspicatus

Isopropanol

Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 13299 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC ₅₀ , 72 hours: 1.000 mg/l, Desmodemus subspicatus
Acute toxicity - microorganisms	EC ₅₀ , : >1000 mg/l, Activated sludge

1,2-benzisothiazol-3(2H)-one

Acute aquatic toxicity

LE(C)₅₀	0.1 < L(E)C ₅₀ ≤ 1
M factor (Acute)	1

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12.2. Persistence and degradability

Persistence and degradability Does not contain any components considered to be persistent. Contains detergents that satisfy the biodegradation requirements of directive 648/2004/EC.

Ecological information on ingredients.

Butyl Diglycol

Biodegradation

- Degradation 76: 28 days
- Degradation 90-100: 8 days
- Degradation 90-100: 14 days

Isopropanol

Biodegradation - Degradation 95: 21 days

12.3. Bioaccumulative potential

Bioaccumulative potential No bio-accumulative potential noted for any component.

Partition coefficient Not known.

12.4. Mobility in soil

Mobility The components of the mixture are readily absorbed into soil and are mobile in water environment.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment No data available.

Ecological information on ingredients.

Butyl Diglycol

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of according to local regulations. Avoid disposing into drainage systems and into the environment. Dispose of contaminated packaging in the same way as the product itself. Non-contaminated packages may be recycled.

SECTION 14: Transport information

General Not regulated.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

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Not regulated.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78
and the IBC Code**

SECTION 15: Regulatory information

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

EU legislation

This safety data sheet is compliant with EC Regulation 1907/2006 (REACH) as adapted by 453/2010, Directive 67/548/EEC and EC Regulation 1272/2008 (CLP).
Dangerous Preparations Directive 1999/45/EC.
Regulation (EC) No. 648/2004 of the European Parliament and of the Council of 31st March 2004 on detergents.

15.2. Chemical safety assessment

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet

ATE: Acute Toxicity Estimate.
CAS: Chemical Abstracts Service.
DNEL: Derived No Effect Level.
EC₅₀: 50% of maximal Effective Concentration.
ECHA: European Chemicals Agency
GHS: Globally Harmonized System.
LC₅₀: Lethal Concentration to 50 % of a test population.
LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose).
PBT: Persistent, Bioaccumulative and Toxic substance.
PNEC: Predicted No Effect Concentration.
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
vPvB: Very Persistent and Very Bioaccumulative.

Revision comments

Revised Internal Identification. Updated Section 16 to remove R phrases

Issued by

The London Oil Refining Company Ltd

Revision date

28/07/2020

Revision

9.4

Supersedes date

14/09/2017

SDS number

4993

Astonish Wood Floor Cleaner

Hazard statements in full

H225 Highly flammable liquid and vapour.

H290 May be corrosive to metals.

H302 Harmful if swallowed.

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.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.