



SAFETY DATA SHEET

Wood Floor Cleaner

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

1.1. Product identifier

Product name Wood Floor Cleaner
Internal identification F9V1

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

Identified uses Cleaning laminate and sealed wood floors

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

1.4. Emergency telephone number

Emergency telephone (01274) 767440 (office hours only)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards

Not Classified

Health hazards

Eye Irrit. 2 - H319 Elicitation (Skin Sens.)

Environmental hazards

Not Classified

2.2. Label elements

Pictogram



Signal word Warning

Hazard statements

H319 Causes serious eye irritation.
 EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

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.

Wood Floor Cleaner

Detergent labelling < 5% non-ionic surfactants, < 5% perfumes, < 5% soap, Contains benzyl benzoate, 1,2-benzisothiazol-3(2H)-one, 2-methylisothiazol-3(2H)-one

Additional Labelling

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Undecanol, branched and linear, ethoxylated (>5-15 EO) CAS number: 127036-24-2 EC number: 931-721-7	1-5%
Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) Xn; R22. Xi; R41
C9/C11 Alcohol Ethoxylate 2.5Meo CAS number: – EC number: –	1-5%
Classification Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) Xi; R41
Butyl Diglycol CAS number: 112-34-5 EC number: 203-961-6	1-5%
Classification Eye Irrit. 2 - H319	Classification (67/548/EEC or 1999/45/EC) Xi; R36
Isopropanol CAS number: 67-63-0 EC number: 200-661-7 REACH registration number: 01-2119457558-25-0000	1-5%
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC or 1999/45/EC) F; R11. Xi; R36. R67
1,2-benzisothiazol-3(2H)-one CAS number: 2634-33-5 EC number: 220-120-9 M factor (Acute) = 1	<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	Classification (67/548/EEC or 1999/45/EC) Xn; R22. Xi; R38, R41. N; R50. R43
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one CAS number: 54464-57-2 EC number: 259-174-3 M factor (Chronic) = 1	<1%
Classification Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Aquatic Chronic 1 - H410	Classification (67/548/EEC or 1999/45/EC) Xi; R38. N; R51/53. R43

Wood Floor Cleaner

2,6-dimethyloct-7-en-2-ol <1% CAS number: 18479-58-8 EC number: 242-362-4	
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC or 1999/45/EC) Xi; R36/38
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 Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) C; R35
Acetyl cedrene <1% CAS number: 32388-55-9 EC number: 251-020-3 M factor (Chronic) = 1	
Classification Skin Sens. 1B - H317 Aquatic Chronic 1 - H410	Classification (67/548/EEC or 1999/45/EC) N; R50/53. R43
Sodium Carbonate <1% CAS number: 497-19-8 EC number: 207-838-8 REACH registration number: 01-2119485498-19-0000	
Classification Eye Irrit. 2 - H319	Classification (67/548/EEC or 1999/45/EC) Xi; R36

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.

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

Wood Floor Cleaner

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

None

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 wood floors

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Wood Floor Cleaner

Butyl Diglycol

Long-term exposure limit (8-hour TWA): ELV (IE) 67.5 10

Short-term exposure limit (15-minute): ELV (IE) 101.2 15

Short-term exposure limit (15-minute): WEL 101.2 15

Isopropanol

Long-term exposure limit (8-hour TWA): WEL 400 999

Short-term exposure limit (15-minute): WEL 500 1250

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one

Long-term exposure limit (8-hour TWA): DNEL 0.1011 mg/cm³ Dermal

Long-term exposure limit (8-hour TWA): DNEL 1.76 mg/m³ Inhalation

Long-term exposure limit (8-hour TWA): DNEL 1.73 mg/kg Dermal

2,6-dimethyloct-7-en-2-ol

Long-term exposure limit (8-hour TWA): DNEL 73.5 mg/m³ Inhalation

Long-term exposure limit (8-hour TWA): DNEL 20.8 mg/kg Dermal

Sodium Hydroxide

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

Acetyl cedrene

Long-term exposure limit (8-hour TWA): DNEL 1.175 mg/m³ Inhalation

Long-term exposure limit (8-hour TWA): DNEL 0.333 mg/kg Dermal

Sodium Carbonate

Long-term exposure limit (8-hour TWA): 10 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

Environmental exposure controls

This product does not pose a hazard in normal use when following the usage instructions. Take care to avoid contact with skin and eyes.

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

pH

pH (concentrated solution): 7.5 - 9.2

Initial boiling point and range

Not measured (>100°C)

Flammability (solid, gas)

Does not ignite.

Vapour density

1 (Air=1)

Relative density

1.000 - 1.020

Solubility(ies)

Soluble in water

Wood Floor Cleaner

Viscosity

Not applicable.

9.2. Other information

Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

No reactivity hazards expected.

10.2. Chemical stability

Stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Materials to avoid

None known.

10.6. Hazardous decomposition products

Carbon oxides.

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.

Acute toxicity - oral

ATE oral (mg/kg)

16,470.58823529

Toxicological information on ingredients.

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

Acute toxicity - oral

Acute toxicity oral (LD mg/kg)

350.0

Species

Rat

ATE oral (mg/kg)

350.0

Acute toxicity - dermal

Acute toxicity dermal (LD mg/kg)

2001.0

Species

Rat

ATE dermal (mg/kg)

2001.0

C9/C11 Alcohol Ethoxylate 2.5Meo

Acute toxicity - oral

Acute toxicity oral (LD mg/kg)

2,000.0

Species

Rat

Wood Floor Cleaner**Butyl Diglycol****Acute toxicity - oral****Acute toxicity oral (LD mg/kg)**

2,000.0

Species

Rat

Acute toxicity - dermal**Acute toxicity dermal (LD mg/kg)**

2000.0

Species

Rabbit

Isopropanol**Acute toxicity - oral****Acute toxicity oral (LD mg/kg)**

5,820.0

Species

Rat

ATE oral (mg/kg)

5,820.0

Acute toxicity - dermal**Acute toxicity dermal (LD mg/kg)**

12800.0

Species

Rabbit

ATE dermal (mg/kg)

12800.0

1,2-benzisothiazol-3(2H)-one**Acute toxicity - oral****Acute toxicity oral (LD mg/kg)**

2,660.0

Species

Acute toxicity estimate

ATE oral (mg/kg)

500.0

SECTION 12: Ecological Information**12.1. Toxicity**

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

Wood Floor Cleaner

Ecological information on ingredients.

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

Acute toxicity - fish

LC , 96 hours: >1 - 10 mg/l, Cyprinus carpio (Common carp)

Acute toxicity - aquatic invertebrates

EC , 48 hours: >1 - 10 mg/l, Daphnia magna

Acute toxicity - aquatic plants

EC , 72 hours: >1 - 10 mg/l, Desmodemus subspicatus

C9/C11 Alcohol Ethoxylate 2.5Meo

Acute toxicity - fish

LC , 96 hours: 1-10 mg/l, Fish

Butyl Diglycol

Acute toxicity - fish

LC , : 100 mg/l, Fish

Acute toxicity - aquatic invertebrates

EC , 48 hours: >100 mg/l, Daphnia magna

Acute toxicity - aquatic plants

EC , : 100 mg/l, Desmodemus subspicatus

Isopropanol

Acute toxicity - fish

LC , 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates

EC , 48 hours: 13299 mg/l, Daphnia magna

Acute toxicity - aquatic plants

EC , 72 hours: 1.000 mg/l, Desmodemus subspicatus

Acute toxicity - microorganisms

EC , : >1000 mg/l, Activated sludge

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

Acute aquatic toxicity

LE(C)

0.1 < L(E)C50 ≤ 1

M factor (Acute)

1

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

No bio-accumulative potential noted for any component.

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

No data available.

Wood Floor Cleaner

Ecological information on ingredients.

Butyl Diglycol

This product does not contain any substances classified as PBT or vPvB.

12.6. 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)

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 MARPOL73/78 and the IBC Code

Not applicable.

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

Issued by	The London Oil Refining Company Ltd
Revision date	12/03/2015
Revision	1
SDS number	4993
Risk phrases in full	

Wood Floor Cleaner

R11 Highly flammable.
R22 Harmful if swallowed.
R35 Causes severe burns.
R36 Irritating to eyes.
R36/38 Irritating to eyes and skin.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R43 May cause sensitisation by skin contact.
R50 Very toxic to aquatic organisms.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full

H225 Highly flammable liquid and vapour.
H302 Harmful if swallowed.
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.