

SAFETY DATA SHEET
Laundry Jasmine & Orange Flower

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

1.1. Product identifier

Product name Laundry Jasmine & Orange Flower
Internal identification F2V1

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

Identified uses Machine and hand washing of fabrics. The removal of soils and stains from fabrics.

1.3. Details of the supplier of the safety data sheet

Supplier

Contact person

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

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Elicitation - EUH208

Environmental hazards

Not Classified

2.2. Label elements**Pictogram****Signal word**

Warning

Hazard statements

EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statements

Laundry Jasmine & Orange Flower

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 protective gloves, eye and face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

Detergent labelling

5 - < 15% anionic surfactants, 5 - < 15% non-ionic surfactants, 5 - < 15% soap, < 5% optical brighteners, < 5% perfumes, < 5% phosphonates, < 5% polycarboxylates, Contains Linalool, d-Limonene, Butylphenyl methylpropional, 1,2-benzisothiazol-3(2H)-one

Additional Detergent Labelling

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Sodium Laureth Sulfate CAS number: 68891-38-3 EC number: 500-234-8 REACH registration number: 01-2119488639-16-0009	5-10%
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	Classification (67/548/EEC or 1999/45/EC) Xi; R41, R38. R52/53
C13/15 Alcohol Ethoxylate CAS number: 68131-39-5 EC number: – M factor (Acute) = 1	5-10%
Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	Classification (67/548/EEC or 1999/45/EC) Xn; R22. Xi; R41. N; R50
Sodium Carbonate CAS number: 497-19-8 EC number: 207-838-8 REACH registration number: 01-2119485498-19-0000	1-5%
Classification Eye Irrit. 2 - H319	Classification (67/548/EEC or 1999/45/EC) Xi; R36
Coconut Diethanolamide CAS number: 68603-42-9 EC number: –	1-5%
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) Xi; R41, R38
Glycerol CAS number: 56-81-5 EC number: 200-289-5	<1%
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) NC Not Classified

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2,2'-iminodiethanol <1%	
CAS number: 111-42-2 EC number: 203-868-0	
Classification Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT RE 2 - H373	Classification (67/548/EEC or 1999/45/EC) Xn; R22, R48/22. Xi; R38, R41
Linalool <1%	
CAS number: 78-70-6 EC number: 201-134-4	
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC or 1999/45/EC) Xi; R36/38
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
Hexyl Salicylate <1%	
CAS number: 6259-76-3 EC number: 228-408-6 M factor (Chronic) = 1	
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Aquatic Chronic 1 - H410	Classification (67/548/EEC or 1999/45/EC) Xi; R38. N; R50/53. R43
Butylphenyl methylpropional <1%	
CAS number: 80-54-6 EC number: 201-289-8	
Classification Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Repr. 2 - H361 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) Xn; R22. Repr. Cat. 3 R62. N; R51/53. R43
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	Classification (67/548/EEC or 1999/45/EC) Xn; R22. Xi; R38, R41. N; R50. R43

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Geraniol	<1%
CAS number: 106-24-1 EC number: 203-377-1	
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317	Classification (67/548/EEC or 1999/45/EC) Xi; R38, R41. R43
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	<1%
CAS number: 54464-57-2 EC number: 259-174-3 M factor (Chronic) = 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

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

Wash skin thoroughly with soap and water. Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if irritation persists after washing.

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

Causes skin irritation.

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

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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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Use as instructed on label. Avoid contact with skin and 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)

Machine and hand washing of fabrics. The removal of soils and stains from fabrics.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

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Sodium Carbonate

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

Glycerol

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

2,2'-iminodiethanol

Long-term exposure limit (8-hour TWA): WEL 13 mg/m³

Linalool

Long-term exposure limit (8-hour TWA): DNEL 2.5 mg/kg Dermal
Long-term exposure limit (8-hour TWA): DNEL 2.8 mg/m³ Inhalation
Long-term exposure limit (8-hour TWA): DNEL 15 mg/cm³ Dermal
Short-term exposure limit (15-minute): DNEL 15 mg/cm³ 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

Hexyl Salicylate

Long-term exposure limit (8-hour TWA): DNEL 0.729 mg/m³ Inhalation
Long-term exposure limit (8-hour TWA): DNEL 2083 mg/kg Dermal

Butylphenyl methylpropional

Long-term exposure limit (8-hour TWA): DNEL 0.44 mg/cm³ Inhalation
Short-term exposure limit (15-minute): DNEL 0.41 mg/cm² Dermal
Long-term exposure limit (8-hour TWA): DNEL 2.075 mg/kg Dermal

Geraniol

Long-term exposure limit (8-hour TWA): DNEL 161.6 mg/m³ Inhalation
Long-term exposure limit (8-hour TWA): DNEL 12.5 mg/kg Dermal

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

WEL = Workplace Exposure Limit

8.2. Exposure controls

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

White, opaque liquid

Colour

White.

Odour

Fresh/Floral

pH

pH (concentrated solution): 10.2 - 11.7

Initial boiling point and range

Not measured (>100°C)

Flash point

Not applicable.

Evaporation rate

Not measured.

Upper/lower flammability or explosive limits

Does not ignite.

Vapour density

> 1 (Air=1)

Relative density

1.06 - 1.12

Solubility(ies)

Laundry Jasmine & Orange Flower

Soluble in water

Viscosity

150 - 1000 cP @ 20°C

Oxidising properties

Not available.

9.2. Other information

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)

27,027.02702703

Laundry Jasmine & Orange Flower**Toxicological information on ingredients.****Sodium Laureth Sulfate****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

Rat

C13/15 Alcohol Ethoxylate**Acute toxicity - oral****Acute toxicity oral (LD mg/kg)**

2,000.0

Species

Rat

ATE oral (mg/kg)

2,000.0

Sodium Carbonate**Acute toxicity - oral****Acute toxicity oral (LD mg/kg)**

2,800.0

Species

Rat

ATE oral (mg/kg)

2,800.0

Coconut Diethanolamide**Acute toxicity - oral****Acute toxicity oral (LD mg/kg)**

5,000.0

Species

Rat

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

2000.0

Species

Rat

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

Ecotoxicity

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

12.1. Toxicity

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The mixture has not been tested. Based on the available data of the ingredients the mixture is not classified as harmful to the aquatic environment.

Ecological information on ingredients.

Sodium Laureth Sulfate

Acute toxicity - fish

LC₅₀ : >1 - 10 mg/l, Brachydanio rerio (Zebra Fish)

Acute toxicity - aquatic invertebrates

EC₅₀ , 48 hours: >1 - 10 mg/l, Daphnia magna

Acute toxicity - aquatic plants

EC₁₀ , 72 hours: >10 - 100 mg/l, Desmodemus subspicatus

Acute toxicity - microorganisms

EC10, : >10,000 mg/l, Pseudomonas putida

C13/15 Alcohol Ethoxylate

Acute aquatic toxicity

LE(C)

0.1 < L(E)C50 ≤ 1

M factor (Acute)

1

Acute toxicity - fish

LC₅₀ , 96 hours: 1-10 mg/l, Fish

Acute toxicity - aquatic invertebrates

EC₅₀ , 48 hours: 0.1-1 mg/l, Daphnia magna

Sodium Carbonate

Acute toxicity - fish

LC₅₀ , 96 hours: 300 mg/l, Fish

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.

Sodium Laureth Sulfate

Biodegradation

The substance is readily biodegradable. - >70%: 28 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.

12.6. Other adverse effects

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

Laundry Jasmine & Orange Flower

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

No chemical safety assessment has been carried out.

SECTION 16: Other information

Key literature references and sources for data

Classification in accordance with Article 6(5) of the CLP Regulation using DetNet

Issued by The London Oil Refining Company Ltd

Revision date 10/04/2015

Revision 1

SDS number 4924

Risk phrases in full

R22 Harmful if swallowed.

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.

R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.

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.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R62 Possible risk of impaired fertility.

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Hazard statements in full

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

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.

H361 Suspected of damaging fertility or the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.