

## SUN BLEACHED DENIM

Version 1

Revision Date 25.07.2013

Print Date 19.08.2013

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Commercial Product Name : SUN BLEACHED DENIM

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

Use of the Substance/Mixture : Fragrance mix

#### 1.3 Details of the supplier of the safety data sheet

Candle Supply Pty Ltd  
Unit 3 8-9 Lagana Place  
Wetherill Park, NSW 2164  
ABN: 70612899626

Phone Number: 02 8741 4000  
e-mail: [customerservice@candlesupply.com.au](mailto:customerservice@candlesupply.com.au)

#### 1.4 Emergency telephone number

In an emergency call: 13 11 26

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)



Skin sensitization, Category 1 H317  
Chronic aquatic toxicity, Category 2 H411

##### Classification (67/548/EEC, 1999/45/EC)

Xi; R43  
N; R51/53

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :  

Signal word : Warning

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Hazard statements : H317 May cause an allergic skin reaction.  
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**  
P261 Avoid breathing dust/ fume/ gas/ mist/  
vapours/ spray.  
P272 Contaminated work clothing should not be  
allowed out of the workplace.  
P273 Avoid release to the environment.  
P280 Wear protective gloves.  
**Response:**  
P302 + P352 IF ON SKIN: Wash with plenty of soap and  
water.  
P333 + P313 If skin irritation or rash occurs: Get medical  
advice/ attention.

### Labelling (67/548/EEC, 1999/45/EC)

Symbol(s) : Xi Irritant  
N Dangerous for the environment

R-phrase(s) : R43 May cause sensitization by skin contact.  
R51/53 Toxic to aquatic organisms, may cause long-term  
adverse effects in the aquatic environment.

S-phrase(s) : S24 Avoid contact with skin.  
S37 Wear suitable gloves.  
S57 Use appropriate container to avoid environmental  
contamination.  
S60 This material and its container must be disposed of  
as hazardous waste.

### 2.3 Other hazards

no data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

no data available

### 3.2 Mixtures

#### Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran <sup>1)</sup>	1222-05-5 214-946-9	N R50/53	Aquatic Acute: 1; H400 Aquatic Chronic: 1; H410	>= 1 - < 5
YSAMBER® K	154171-76-3 154171-77-4 415-460-1 01-0000016239-67-000 0	N R51/53	Aquatic Chronic: 2; H411	>= 1 - < 5

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2-(4-tert-Butylbenzyl)propionaldehyde	80-54-6 201-289-8 01-2119485965-18	Xn; N R22 R43 R51/53 R62 R38	Skin Sens.: 1; H317 Acute Tox.: 4 (Oral); H302 Repr.: 2; H361 Skin Irrit.: 2; H315 Aquatic Chronic: 2; H411	>= 1 - < 5
2-Phenylethanol	60-12-8 200-456-2	Xi R36	Eye Irrit.: 2; H319	>= 1 - < 5
Pentadecan-15-olide <sup>1)</sup>	106-02-5 203-354-6 01-2119987323-31-000 0	Xi R43	Skin Sens.: 1; H317 Aquatic Chronic: 2; H411	>= 1 - < 5
3,5,5-Trimethylhexyl acetate	58430-94-7 261-245-9 01-2119972325-34-000 0	Xi; N R38 R51/53	Skin Irrit.: 2; H315 Aquatic Chronic: 2; H411	>= 1 - < 5
3-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	127-51-5 204-846-3	Xi; N R43 R51/53 R36/38	Skin Irrit.: 2; H315 Aquatic Chronic: 2; H411 Skin Sens.: 1; H317	>= 1 - < 5
1,4-Dioxacycloheptadecane-5,17-dione	105-95-3 203-347-8	N R51/53	Aquatic Chronic: 2; H411	>= 1 - < 5
Linalool	78-70-6 201-134-4	Xi R38	Eye Irrit.: 2; H319 Skin Irrit.: 2; H315	>= 1 - < 5
2H-Pyran-4-ol, tetrahydro-4-methyl-2-(2-methylpropyl)-	63500-71-0 405-040-6	Xi R36	Eye Irrit.: 2; H319	>= 1 - < 5
3,7-Dimethylnona-1,6-dien-3-ol	10339-55-6 233-732-6	Xi R38	not hazardous	>= 1 - < 5
.alpha.-Hexylcinnamaldehyde	101-86-0 202-983-3	Xi; N R38 R43 R51/53	Skin Sens.: 1; H317 Aquatic Chronic: 2; H411	>= 0,1 - < 1
[3R-(3.alpha.,3a.beta.a.,6.alpha.,7.beta.,8a.alpha.)]-Octahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-6-ol	77-53-2 201-035-6	N R51/53	Aquatic Chronic: 2; H411	>= 0,1 - < 1
(Z)-3-Hexenyl salicylate <sup>1)</sup>	65405-77-8 265-745-8	Xi; N R43 R50/53	Skin Sens.: 1; H317 Aquatic Chronic: 1; H410	>= 0,1 - < 1
(R)-p-Mentha-1,8-diene	5989-27-5 227-813-5	Xi; N R10 R38 R43 R50/53	Skin Sens.: 1; H317 Skin Irrit.: 2; H315 Flam. Liq.: 3; H226 Aquatic Acute: 1; H400 Aquatic Chronic: 1; H410 Asp. Tox.: 1; H304	>= 0,1 - < 1
Citronellol	106-22-9 203-375-0 01-2119453995-23	Xi; N R38 R43 R51/53	Eye Irrit.: 2; H319 Skin Sens.: 1; H317 Skin Irrit.: 2; H315	>= 0,1 - < 1
2-tert-Pentylcyclohexyl acetate	67874-72-0 267-500-0	N R51/53	Aquatic Chronic: 2; H411	>= 0,1 - < 1
Geraniol	106-24-1 203-377-1 01-2119552430-49	Xi R38 R41 R43	Skin Sens.: 1; H317 Eye Dam.: 1; H318 Skin Irrit.: 2; H315	>= 0,1 - < 1

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.alpha.-Methyl-1,3-benzodioxole-5-propionaldehyde	1205-17-0 214-881-6	N; Xi R51/53 R43	Aquatic Chronic: 2; H411 Skin Sens.: 1; H317	>= 0,1 - < 1
Geranyl acetate	105-87-3 203-341-5 02-2119807689-24	N R51/53	Aquatic Chronic: 2; H411	>= 0,1 - < 1
HELVETOLIDE	141773-73-1 4154905	N R51/53	Aquatic Chronic: 2; H411	>= 0,1 - < 1
Citronellyl acetate	150-84-5 205-775-0 01-2119959860-27-0001	Xi; N R38 R51/53	Skin Irrit.: 2; H315 Aquatic Chronic: 2; H411	>= 0,1 - < 1
[3R-(3.alpha.,3a.beta.a.,7.beta.,8a.alpha.)]-2,3,4,7,8,8a-Hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulene <sup>2)</sup>	469-61-4 207-418-4	Xn; N R50/53 R65	Asp. Tox.: 1; H304 Aquatic Acute: 1; H400 Aquatic Chronic: 1; H410 M-Factor: 10	>= 0,1 - < 1
Benzyl benzoate	120-51-4 204-402-9	Xn; N R22 R51/53	Acute Tox.: 4 (Oral); H302 Aquatic Chronic: 2; H411	>= 0,1 - < 1
L-Menthyl acetate	2623-23-6 220-076-0	N R51/53	Aquatic Chronic: 2; H411	>= 0,1 - < 1
Methyl 2-naphthyl ether	93-04-9 202-213-6	N R51/53	not hazardous	>= 0,1 - < 1
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	54464-57-2 915-730-3 01-2119489989-04	N; Xi R38 R43 R51/53	Skin Sens.: 1; H317 Aquatic Chronic: 2; H411 Skin Irrit.: 2; H315	>= 0,1 - < 1
Coumarin	91-64-5 202-086-7	Xn R22 R43 R48	STOT RE: 2; H373 Skin Sens.: 1; H317 Acute Tox.: 4 (Oral); H302	>= 0,1 - < 1
3-Methyl-5-(2,2,3-trimethyl-3-cyclopenten-1-yl)pent-4-en-2-ol	67801-20-1 267-140-4	N R51/53	Aquatic Chronic: 2; H411	>= 0,1 - < 1
4-tert-Butylcyclohexyl acetate	32210-23-4 250-954-9	N; Xi R51/53 R43	Aquatic Chronic: 2; H411 Skin Sens.: 1; H317	>= 0,1 - < 1
.alpha.,.alpha.-Dimethylphenethyl butyrate	10094-34-5 233-221-8	N R51/53	Aquatic Chronic: 2; H411	>= 0,1 - < 1
[3R-(3.alpha.,3a.beta.a.,7.beta.,8a.alpha.)]-Octahydro-3,8,8-trimethyl-6-methylene-1H-3a,7-methanoazulene <sup>2)</sup>	546-28-1 208-898-8	N; Xn R50/53 R65	Asp. Tox.: 1; H304 Aquatic Chronic: 1; H410 Aquatic Acute: 1; H400 M-Factor: 10	>= 0,025 - < 0,1

For the full text of the H-Statements mentioned in this Section, see Section 16.

For the full text of the R-phrases mentioned in this Section, see Section 16.

Acute aquatic toxicity:

<sup>1)</sup> 0,1 < L(E)C50 <= 1 mg/l

<sup>2)</sup> 0,01 < L(E)C50 <= 0,1 mg/l

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### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures

- General advice : Move out of dangerous area.  
Never give anything by mouth to an unconscious person.
- Inhalation : Move to fresh air.
- Skin contact : Take off all contaminated clothing immediately.  
If skin irritation persists, call a physician.  
Wash off immediately with plenty of water for at least 15 minutes.
- Eye contact : Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.  
Remove contact lenses.
- Ingestion : Clean mouth with water and drink afterwards plenty of water.  
Prevent vomiting if possible.  
If a person vomits when lying on his back, place him in the recovery position.  
Never give anything by mouth to an unconscious person.

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

no data available

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

no data available

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Extinguishing media which shall not be used for safety reasons : High volume water jet

#### 5.2 Special hazards arising from the substance or mixture

- Specific hazards during firefighting : Do not use a solid water stream as it may scatter and spread fire.  
Do not allow run-off from fire fighting to enter drains or water courses.

#### 5.3 Advice for firefighters

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- Further information : In the event of fire and/or explosion do not breathe fumes.  
Use water spray to cool unopened containers.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Ensure adequate ventilation.  
Use personal protective equipment.

#### 6.2 Environmental precautions

Environmental precautions : Should not be released into the environment.  
Avoid subsoil penetration.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

#### 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Wipe up with absorbent material (e.g. cloth, fleece).

Additional advice : Local authorities should be advised if significant spillages cannot be contained.  
Suppress (knock down) gases/vapours/mists with a water spray jet.

#### 6.4 Reference to other sections

For personal protection see section 8.

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Advice on safe handling : Dispose of rinse water in accordance with local and national regulations.  
For personal protection see section 8.

Advice on protection against fire and explosion : When using do not smoke.

#### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in original container.  
Keep container tightly closed in a dry and well-ventilated place.  
To maintain product quality, do not store in heat or direct sunlight.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Advice on common storage : No special restrictions on storage with other products.

Other data : No decomposition if stored and applied as directed.

#### 7.3 Specific end use(s)

Fragrance mix

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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

##### Components with workplace control parameters, Germany:

Components	CAS-No.	Control parameters	Update	Basis
(R)-p-Mentha-1,8-diene	5989-27-5	AGW 20 ppm	07 2009	TRGS 900

##### Components with workplace control parameters, Spain:

Components	CAS-No.	Control parameters	Update	Basis
Soybean oil	8001-22-7	VLA-ED 10 mg/m <sup>3</sup>	2010	VLA (ES)

#### 8.2 Exposure controls

##### Engineering measures

none

##### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection : Wear chemicals-resistant gloves, e.g. safety gloves of chloroprene Level 2 or of butyl rubber Level 6.

Eye protection : Safety glasses

Skin and body protection : Lightweight protective clothing

Hygiene measures : Wash hands before breaks and immediately after handling the product.

Protective measures : When using, do not eat, drink or smoke.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties

##### Appearance

Form : liquid

Colour : yellow to dark yellow

Odour : characteristic

##### Safety data

Flash point : 100 °C

Water solubility : no data available

Relative density : 0,9290 - 0,9390 at 25 °C

Vapour pressure : < 1 kPa at 50 °C (calculated)

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Boiling point	:	no data available
Melting point/freezing point	:	no data available
Partition coefficient: n-octanol/water	:	no data available
pH	:	no data available
Viscosity, dynamic	:	no data available
Viscosity, kinematic	:	no data available
Evaporation rate	:	no data available
Flammability (solid, gas)	:	no data available
Ignition temperature	:	no data available
Minimum ignition energy	:	no data available
Auto-ignition temperature	:	no data available
Oxidizing properties	:	no data available
Lower explosion limit	:	no data available
Upper explosion limit	:	no data available
Conductivity	:	no data available
Bulk density	:	no data available
Solubility/qualitative	:	no data available
Solubility in other solvents	:	no data available
Impact Sensitivity	:	no data available
Burning number	:	no data available
Relative vapor density	:	no data available

### 9.2 Other data

None.

## SECTION 10: STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	:	no data available
<b>10.2 Chemical stability</b>	:	no data available
<b>10.3 Possibility of hazardous reactions</b>	:	No dangerous reaction known under conditions of normal use.
<b>10.4 Conditions to avoid</b>	:	no data available
<b>10.5 Incompatible materials to avoid</b>	:	no data available
<b>10.6 Hazardous decomposition products</b>	:	no data available



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### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

Acute oral toxicity	:	Acute toxicity estimate : > 5000 mg/kg, Calculation method
Acute inhalation toxicity	:	no data available
Acute dermal toxicity	:	no data available
Repeated dose toxicity	:	no data available
Acute toxicity (other routes of administration)	:	no data available
Skin irritation	:	no data available
Eye irritation	:	no data available
Sensitisation	:	no data available
Mutagenicity	:	no data available
Carcinogenicity	:	no data available
Reproductive toxicity	:	no data available
Teratogenicity	:	no data available
Specific target organ toxicity - single exposure	:	no data available
Specific target organ toxicity - repeated exposure	:	no data available
Aspiration toxicity	:	no data available

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 Toxicity

no data available

#### 12.2 Persistence and degradability

no data available

#### 12.3 Bioaccumulative potential

no data available

#### 12.4 Mobility in soil

no data available

#### 12.5 Results of PBT and vPvB assessment

no data available

#### 12.6 Other adverse effects

Toxic to aquatic life with long lasting effects.

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### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

- Product : Where possible recycling is preferred to disposal or incineration.  
If recycling is not practicable, dispose of in compliance with local regulations.
- Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.

### SECTION 14: TRANSPORT INFORMATION

#### 14.1 UN number

- ADR : 3082  
RID : 3082  
IMDG : 3082  
IATA-DGR : 3082

#### 14.2 Proper shipping name

- ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(HEXAHYDROHEXAMETHYL CYCLOPENTABENZOPYRAN)
- RID : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(HEXAHYDROHEXAMETHYL CYCLOPENTABENZOPYRAN)
- IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. MP  
(HEXAHYDROHEXAMETHYL CYCLOPENTABENZOPYRAN, CIS-3-HEXENYL  
SALICYLATE)
- IATA-DGR : Environmentally hazardous substance, liquid, n.o.s.  
(HEXAHYDROHEXAMETHYL CYCLOPENTABENZOPYRAN)

#### 14.3 Transport hazard class

- ADR : 9  
RID : 9  
IMDG : 9  
IATA-DGR : 9

#### 14.4 Packing group

- ADR:  
Packaging group : III  
Classification Code : M6  
Hazard identification No : 90 Labels  
: 9  
Tunnel restriction code : (E)
- RID:  
Packaging group : III  
Classification Code : M6  
Hazard identification No : 90 Labels  
: 9
- IMDG:  
Packaging group : III  
Labels : 9  
EmS - EmS : F-A , S-F
- IATA-DGR:  
Packing instruction (cargo : 964  
aircraft)  
Qty/Pkg (Cargo) : 450,00 L

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Packing instruction : 964  
(passenger aircraft)  
Qty/Pkg (Passenger) : 450,00 L  
Packaging group : III  
Labels : 9MI

### 14.5 Environmental hazards

ADR:  
Environmentally hazardous : yes

RID:  
Environmentally hazardous : yes

IMDG:  
Marine Pollutant : yes

IATA-DGR:  
Environmentally hazardous : yes

### 14.6 Special precautions for user

no data available

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

## SECTION 15: REGULATORY INFORMATION

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

#### National legislation

Risk classification according to BetrSichV (Germany) : Flash Point > 55 °C up to 100 °C, at 15 °C not miscible with water

Water contaminating class (Germany) : WGK 3 (highly water endangering)  
Calculation acc. Annex 4 to VwVwS

TA Luft List (Germany) : Type: Organic Substances  
portion Class 1: 0,01 %

### 15.2 Chemical Safety Assessment

no data available

## SECTION 16: OTHER INFORMATION

### Full text of R-phrases referred to under sections 2 and 3:

R10 Flammable.  
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 sensitization by skin contact.

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R48	Danger of serious damage to health by prolonged exposure.
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.
R62	Possible risk of impaired fertility.
R65	Harmful: may cause lung damage if swallowed.

### Full text of H-Statements referred to under sections 2 and 3.:

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
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.

### Further information

*The data contained in this Safety Data Sheet is accurate to the best knowledge of Candle Supply Pty Ltd, applies to the product as supplied Candle Supply Pty Ltd, and does not relate to use in combination with any other material or in any process. Data and information is furnished without warranty expressed or implied, nor does Candle Supply Pty Ltd, assume responsibility for use or reliance upon this data.*

*This SDS is current to the date listed above. However, the GHS classifications may change due to hazard communication updates by the overseeing governing body. For the most current SDS information please contact [customerservice@candlesupply.com.au](mailto:customerservice@candlesupply.com.au)*