

## CRANBERRIES AND WHITE MUSK

Version 2

Revision Date 23.02.2015

Print Date 23.03.2015

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

#### 1.1 Product identifier

Commercial Product Name : CRANBERRIES AND WHITE MUSK

#### 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

#### 1.4 Emergency telephone number

13 11 26

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

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

Skin sensitisation, 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 :



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Signal word : Warning

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 sensitisation 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.

Contains : 1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-  
NAPHTHYL)ETHAN-1-ONE, PENTADECAN-15-OLIDE.

### 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 [%]
(2-Methoxymethylethoxy)propanol	34590-94-8 252-104-2 01-2119450011-60	not hazardous	not hazardous	>= 50 - <= 100
1,4-Dioxacycloheptadecane-5,17-dione	105-95-3 203-347-8 01-2119976314-33	N R51/53	not hazardous	>= 5 - < 10

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GLOBALIDE® <sup>1)</sup>	34902-57-3 111879-80-2 422-320-3 01-0000016883-62-0000	N R50/53	Aquatic Acute: 1; H400 Aquatic Chronic: 1; H410	>= 1 - < 5
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	54464-57-2 259-174-3 01-2119489989-04	N; Xi R38 R43 R51/53	Skin Irrit.: 2; H315 Aquatic Chronic: 1; H410 Skin Sens.: 1; H317	>= 1 - < 5
3-(5,5,6-Trimethylbicyclo[2.2.1]hept-2-yl)cyclohexan-1-ol	3407-42-9 222-294-1 01-2119979583-21	Xi R36 R52/53	Eye Irrit.: 2; H319 Aquatic Chronic: 3; H412	>= 1 - < 5
Pentadecan-15-olide <sup>1)</sup>	106-02-5 203-354-6 01-2119987323-31-0000	Xi R43	Skin Sens.: 1; H317 Aquatic Chronic: 2; H411	>= 1 - < 5
2H-Pyran-4-ol, tetrahydro-4-methyl-2-(2-methylpropyl)-	63500-71-0 405-040-6 01-0000015458-64	Xi R36	Eye Irrit.: 2; H319	>= 1 - < 5
Benzyl salicylate	118-58-1 204-262-9 01-2119969442-31 01-2119969442-31	Xi; N R43 R51/53	Skin Sens.: 1; H317 Eye Irrit.: 2; H319 STOT SE: 2 (Oral); H371	>= 0,1 - < 1
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	>= 0,1 - < 1
.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
(R)-p-Mentha-1,8-diene	5989-27-5 227-813-5	N; Xn R10 R38 R43 R50/53 R65	Asp. Tox.: 1; H304 Aquatic Chronic: 1; H410 Aquatic Acute: 1; H400 Skin Sens.: 1; H317 Skin Irrit.: 2; H315 Flam. Liq.: 3; H226	>= 0,1 - < 1
Geranyl acetate	105-87-3 203-341-5 01-2119973480-35	N; Xi R51/53 R38 R43	Skin Irrit.: 2; H315 Aquatic Chronic: 3; H412 Skin Sens.: 1; H317	>= 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
(Z)-3-Hexenyl salicylate <sup>1)</sup>	65405-77-8 265-745-8	N R50/53	Aquatic Acute: 1; H400 Aquatic Chronic: 1; H410	>= 0,1 - < 1
Coumarin	91-64-5 202-086-7 01-2119949300-45-xxxx,	Xn R22 R43 R52/53	Skin Sens.: 1; H317 Acute Tox.: 4 (Oral); H302 Aquatic Chronic: 3; H412	>= 0,1 - < 1
(E)-1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-2-buten-1-one	24720-09-0 246-430-4	Xn R22 R43	Acute Tox.: 4 (Oral); H302 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
2,2,5-Trimethyl-5-pentylcyclopentan-1-one	65443-14-3 265-779-3	N R51/53	Aquatic Chronic: 2; H411	>= 0,1 - < 1

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1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten-1-one <sup>1)</sup>	57378-68-4 260-709-8 01-2119535122-53	Xn; N R22 R38 R43 R50/53	Aquatic Chronic: 1; H410 Aquatic Acute: 1; H400 Skin Irrit.: 2; H315 Skin Sens.: 1; H317 Acute Tox.: 4 (Oral); H302	>= 0,1 - < 1
2,4-Dimethylcyclohex-3-ene-1-carbaldehyde	68039-49-6 268-264-1	Xi R36/38 R43 R52/53	Skin Irrit.: 2; H315 Eye Irrit.: 2; H319 Skin Sens.: 1; H317 Aquatic Chronic: 3; H412	>= 0,1 - < 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

### 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

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### 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.

## 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.

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### 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

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

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

Components	CAS-No.	Control parameters	Update	Basis
(2-Methoxymethylethoxy)propanol	34590-94-8	AGW 50 ppm	01 2010	TRGS 900
(R)-p-Mentha-1,8-diene	5989-27-5	AGW 20 ppm	07 2009	TRGS 900

#### Components with workplace control parameters, United Kingdom:

Components	CAS-No.	Control parameters	Update	Basis
(2-Methoxymethylethoxy)propanol	34590-94-8	TWA 50 ppm	2007	EH40 WEL

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

Components	CAS-No.	Control parameters	Update	Basis
(2-Methoxymethylethoxy)propanol	34590-94-8	VLA-ED 50 ppm	2010	VLA (ES)

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

Components	CAS-No.	Control parameters	Update	Basis
(2-Methoxymethylethoxy)propanol	34590-94-8	VME 50 ppm	01 2008	INRS (FR)

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### 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 : clear liquid
- Colour : colorless to yellow
- Odour : characteristic
- Odour Threshold : No data available

#### Safety data

- Flash point : 81 °C
- Water solubility :
- Relative density : 0,9510 - 0,9810 at  
20 °C relation to density of water at 4°C
- Bulk density : Not applicable
- Relative vapour density : not determined
- Vapour pressure : < 1 kPa at 50 °C  
calculated
- Melting point/freezing point :  
not determined
- Boiling point : not determined
- Partition coefficient: n-  
octanol/water : log Pow:  
not determined
- pH : not determined
- Evaporation rate : Lower than the evaporation rate of butyl acetate = 1

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Flammability (solid, gas)	:	Not applicable
Auto-ignition temperature	:	The substance or mixture is not classified as self heating.
Decomposition temperature	:	No data available
Oxidizing properties	:	The substance or mixture is not classified as oxidizing.
Explosive properties	:	Due to its structural properties, the product is not classified as explosive
Lower explosion limit	:	Vapours may form explosive mixtures with air.
Upper explosion limit	:	Vapours may form explosive mixtures with air.

A final assessment of potential explosion hazards can only be made on a case-by-case basis when precise information is available on product handling, production setup and the circumstances surrounding the use of the product.

### 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

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute oral toxicity	:	No data available
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



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Carcinogenicity : No data available  
Reproductive toxicity : No data available  
Teratogenicity : No data available  
Specific target organ toxicity : No data available  
- single exposure  
Specific target organ toxicity : No data available  
- repeated exposure  
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.

### 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

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IATA-DGR : 3082

### 14.2 Proper shipping name

ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(OXACYCLOHEXADEC-12-EN-2-ONE, (12E)-)  
RID : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(OXACYCLOHEXADEC-12-EN-2-ONE, (12E)-)  
IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(OXACYCLOHEXADEC-12-EN-2-ONE, (12E)-, 1-(1,2,3,4,5,6,7,8-  
OCTAHYDRO-2,3,8, 8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE) MP  
IATA-DGR : Environmentally hazardous substance, liquid, n.o.s.  
(OXACYCLOHEXADEC-12-EN-2-ONE, (12E)-)

### 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  
Number : 90  
Labels : 9  
Tunnel restriction code : (E)

RID:  
Packaging group : III  
Classification Code : M6  
Hazard Identification  
Number : 90  
Labels : 9

IMDG:  
Packaging group : III  
Labels : 9  
EmS - EmS : F-A, S-F

IATA-DGR:  
Packing instruction (cargo  
aircraft) : 964  
Qty/Pkg (Cargo) : 450,00 L  
Packing instruction  
(passenger aircraft) : 964  
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

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

Water contaminating class : WGK 2 (water endangering)  
(Germany) Calculation acc. Annex 4 to VwVwS

### 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.
R43	May cause sensitisation by skin contact.
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.
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.
H319	Causes serious eye irritation.
H371	May cause damage to organs if swallowed.
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.

### 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*

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