

## Safety data sheet

according to 830/2015/EC

Printing date: 02.03.2016

Revision: 02.03.2016

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


- **1.1 Product identifier**
- **Trade name: Concord Cranberry Car Scents Automotive Air Freshener**
- **Product code:** No other identifiers
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture:** Air freshener.
- **1.3 Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**  
California Scents  
18850 Von Karman Avenue  
Irvine, CA 92612 USA  
Tel (949) 475-1100
- **1.4 Emergency telephone number:**  
ChemTel Inc.  
+1 (800)255-3924, +1 (813)248-0585



### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
Skin Irrit. 2            H315 Causes skin irritation.  
Eye Dam. 1            H318 Causes serious eye damage.  
Skin Sens. 1            H317 May cause an allergic skin reaction.  
Aquatic Chronic 3    H412 Harmful to aquatic life with long lasting effects.
- **Additional information:** Adverse health effects are not reasonably expected from normal use of product.

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- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**  
  
GHS05 GHS07
- **Signal word** Danger
- **Hazard-determining components of labelling:**  
geraniol  
ethyl 2,3-epoxy-3-phenylbutyrate  
nerol  
2,4-dimethylcyclohex-3-ene-1-carbaldehyde  
citral
- **Hazard statements**  
H315 Causes skin irritation.  
H318 Causes serious eye damage.

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H317 May cause an allergic skin reaction.  
H412 Harmful to aquatic life with long lasting effects.

- **Precautionary statements**

P102 Keep out of reach of children.  
P264 Wash thoroughly after handling.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Labelling of packages where the contents do not exceed 125 ml**

- **Hazard pictograms**



GHS05 GHS07

- **Signal word** Danger

- **Hazard-determining components of labelling:**

geraniol  
ethyl 2,3-epoxy-3-phenylbutyrate  
nerol  
2,4-dimethylcyclohex-3-ene-1-carbaldehyde  
citral

- **Hazard statements**

H318 Causes serious eye damage.  
H317 May cause an allergic skin reaction.  
H412 Harmful to aquatic life with long lasting effects.

- **Precautionary statements**

P102 Keep out of reach of children.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **2.3 Other hazards** There are no other hazards not otherwise classified that have been identified.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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### SECTION 3: Composition/information on ingredients

#### · 3.2 Mixtures

##### · Components:

CAS: 106-65-0 EINECS: 203-419-9	dimethyl succinate substance with a Community workplace exposure limit	20-<25%
CAS: 88-41-5 EINECS: 201-828-7	2-tert-butylcyclohexyl acetate ⚠ Aquatic Chronic 2, H411	10-20%
CAS: 7452-79-1 EINECS: 231-225-4	ethyl 2-methylbutyrate ⚠ Flam. Liq. 3, H226	5-<10%
CAS: 77-83-8 EINECS: 201-061-8	ethyl 2,3-epoxy-3-phenylbutyrate ⚠ Aquatic Chronic 2, H411 ⚠ Skin Sens. 1B, H317	5-<10%
CAS: 78-70-6 EINECS: 201-134-4	Linalool ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	5-<10%
CAS: 104-67-6 EINECS: 203-225-4	undecan-4-olide Aquatic Chronic 3, H412	5-<10%
CAS: 142-92-7 EINECS: 205-572-7	hexyl acetate ⚠ Flam. Liq. 3, H226	5-<10%
CAS: 106-24-1 EINECS: 203-377-1	geraniol ⚠ Eye Dam. 1, H318 ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	2,5-5%
CAS: 106-25-2 EINECS: 203-378-7	nerol ⚠ Eye Dam. 1, H318 ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	2,5-5%
CAS: 60-12-8 EINECS: 200-456-2	2-phenylethanol ⚠ Acute Tox. 4, H302; Eye Irrit. 2, H319	2,5-5%
CAS: 140-11-4 EINECS: 205-399-7	benzyl acetate Aquatic Chronic 3, H412	2,5-5%
CAS: 5471-51-2 EINECS: 226-806-4	4-(4-hydroxyphenyl)butan-2-one ⚠ Acute Tox. 4, H302	1-2,5%
CAS: 105-54-4 EINECS: 203-306-4	ethyl butyrate ⚠ Flam. Liq. 3, H226	1-2,5%
CAS: 68039-49-6 EINECS: 268-264-1	2,4-dimethylcyclohex-3-ene-1-carbaldehyde ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317 Aquatic Chronic 3, H412	1-2,5%
CAS: 123-68-2 EINECS: 204-642-4	allyl hexanoate ⚠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331 ⚠ Aquatic Acute 1, H400 Aquatic Chronic 3, H412	0,1-1%
CAS: 5392-40-5 EINECS: 226-394-6 Index number: 605-019-00-3	citral ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	0,1-<1%

##### · Additional information:

For the listed ingredient(s), the identity and exact percentages are being withheld as a trade secret.

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For the wording of the listed Hazard Statements refer to section 16.

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### SECTION 4: First aid measures

#### · 4.1 Description of first aid measures

##### · General information:

Information is only applicable to product contents, and not to product as normally supplied. This information is applicable to damaged, leaking, or spilled product as contact with contents is possible under these conditions.

Adverse health effects are not reasonably expected from normal use of product.

##### · After inhalation: Supply fresh air; consult doctor in case of complaints.

##### · After skin contact:

If exposed to product contents:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation or rash occurs: Get medical advice/attention.

##### · After eye contact:

If exposed to product contents:

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

##### · After swallowing:

If exposed to product contents:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

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

Headache

Irritant to skin and mucous membranes.

##### · Hazards:

May cause sensitisation by skin contact.

Causes serious eye damage.

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

If necessary oxygen respiration treatment.

Treat skin and mucous membrane with antihistamine and corticoid preparations.

### SECTION 5: Firefighting measures

#### · 5.1 Extinguishing media

· **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

· **For safety reasons unsuitable extinguishing agents:** None.

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

Formation of toxic gases is possible during heating or in case of fire.

#### · 5.3 Advice for firefighters

##### · Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

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· **Additional information:** Cool endangered receptacles with water spray.

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### SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.

Ensure adequate ventilation

Particular danger of slipping on leaked/spilled product.

· **6.2 Environmental precautions**

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

· **6.3 Methods and material for containment and cleaning up**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Pick up mechanically.

Send for recovery or disposal in suitable receptacles.

Dispose contaminated material as waste according to section 13.

· **6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### SECTION 7: Handling and storage

· **7.1 Precautions for safe handling** Use only in well ventilated areas.

· **Information about fire - and explosion protection:** No special measures required.

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:**

Avoid storage near extreme heat, ignition sources or open flame.

· **Information about storage in one common storage facility:** Store away from oxidising agents.

· **Further information about storage conditions:**

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well ventilated area.

· **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

**106-65-0 dimethyl succinate**

AGW (Germany)	Long-term value: 8 mg/m <sup>3</sup> , 1,2 ppm 2(I);AGS, Y, 11
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**106-24-1 geraniol**

MAK (Germany) | Dampf und Aerosol; vgl.Abschn.IV

**60-12-8 2-phenylethanol**

MAK (Germany) | vgl.Abschn.IIb und Xc, Dampf und Aerosol

- **DNELs:** No further relevant information available.
- **PNECs:** No further relevant information available.

- **8.2 Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Information is only applicable to product contents, and not to product as normally supplied. This information is applicable to damaged, leaking, or spilled product as contact with contents is possible under these conditions.

Keep away from foodstuffs, beverages and feed.

Avoid contact with the eyes and skin.

Use only in well ventilated areas.

- **Respiratory protection:**

Not required under normal conditions of use.

Use suitable respiratory protective device in case of insufficient ventilation.

For large spills, respiratory protection may be advisable.

- **Protection of hands:**

Not required under normal conditions of use.

Wear protective gloves to handle contents of damaged or leaking units.

- **Eye protection:**

Not required for normal handling. Wear protective eyewear while handling damaged or leaking product.



Safety glasses

Protection may be required for spills.

- **Body protection:**

Not required under normal conditions of use.

Protection may be required for spills.

- **Limitation and supervision of exposure into the environment:**

No further relevant information available.

- **Risk management measures:** See Section 7 for additional information.

### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **Appearance**

**Form:**

Liquid on inert carrier material

**Colour:**

Not determined.

- **Odour:**

Pleasant

- **Odour threshold:**

Not determined.

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· <b>pH-value:</b>	Not determined.
· <b>Melting point/Melting range:</b>	Not determined.
· <b>Boiling point/Boiling range:</b>	Not determined.
· <b>Flash point:</b>	>94 °C
· <b>Flammability (solid, gaseous):</b>	Not applicable.
· <b>Auto/Self-ignition temperature:</b>	Not determined.
· <b>Decomposition temperature:</b>	Not determined.
· <b>Self-igniting:</b>	Product is not self-igniting.
· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Explosion limits</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
· <b>Oxidising properties</b>	Non-oxidising.
· <b>Vapour pressure:</b>	Not applicable.
· <b>Density:</b>	Not determined.
· <b>Relative density:</b>	Not determined.
· <b>Vapour density:</b>	Not determined.
· <b>Evaporation rate:</b>	Not determined.
· <b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
· <b>9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions**  
Toxic fumes may be released if heated above the decomposition point.  
Reacts with strong acids and oxidising agents.
- **10.4 Conditions to avoid**  
Store away from oxidising agents.  
Excessive heat.
- **10.5 Incompatible materials** No further relevant information available.

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· **10.6 Hazardous decomposition products**

Carbon monoxide and carbon dioxide  
Hydrocarbons

### SECTION 11: Toxicological information

· **11.1 Information on toxicological effects**

· **Acute toxicity:** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

**5471-51-2 4-(4-hydroxyphenyl)butan-2-one**

Oral	LD50	1320 mg/kg (rat)
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**68039-49-6 2,4-dimethylcyclohex-3-ene-1-carbaldehyde**

Oral	LD50	>2000 mg/kg (rat)
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Dermal	LD50	> 2000 mg/kg (rabbit)
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**123-68-2 allyl hexanoate**

Oral	LD50	218 mg/kg (rat)
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Dermal	LD50	820 mg/kg (rabbit)
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· **Primary irritant effect**

· **Skin corrosion/irritation:**

Causes skin irritation.

· **Serious eye damage/irritation:**

Causes serious eye damage.

· **Respiratory or skin sensitisation:**

May cause an allergic skin reaction.

· **IARC (International Agency for Research on Cancer):**

140-11-4	benzyl acetate	3
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· **Probable routes of exposure:**

Inhalation.

Ingestion.

Eye contact.

Skin contact.

· **Acute effects (acute toxicity, irritation and corrosivity):**

Causes serious eye damage.

Irritating to skin.

· **Repeated dose toxicity:** No further relevant information available.

· **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

· **Carcinogenicity:** Based on available data, the classification criteria are not met.

· **Reproductive toxicity:** Based on available data, the classification criteria are not met.

· **STOT-single exposure:** Based on available data, the classification criteria are not met.

· **STOT-repeated exposure:** Based on available data, the classification criteria are not met.

· **Aspiration hazard:** Based on available data, the classification criteria are not met.

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### SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

The product contains materials that are harmful to the environment.

**77-83-8 ethyl 2,3-epoxy-3-phenylbutyrate**

LC50	4,2 mg/l (Oncorhynchus mykiss) (96h OECD Guideline 203 (Fish, Acute Toxicity Test))
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- **12.2 Persistence and degradability** No further relevant information available.

- **12.3 Bioaccumulative potential** No further relevant information available.

- **12.4 Mobility in soil** No further relevant information available.

- **Ecotoxicological effects:**

- **Remark:** Harmful to fish

- **Additional ecological information:**

- **General notes:**

Avoid transfer into the environment.

Do not allow product to reach ground water, water course or sewage system.

Harmful to aquatic organisms

Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.

- **12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation**

Smaller quantities can be disposed of with household waste.

Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

- **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### SECTION 14: Transport information

- **14.1 UN-Number**

- **DOT, ADR, IMDG, IATA**

Not Regulated

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· **14.2 UN proper shipping name**  
 · DOT, ADR, IMDG, IATA Not Regulated

· **14.3 Transport hazard class(es)**  
 · DOT, ADR, IMDG, IATA  
 · Class Not Regulated

· **14.4 Packing group**  
 · DOT, ADR, IMDG, IATA Not Regulated

· **14.5 Environmental hazards:**  
 · 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** Not applicable.

### SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
 · Carcinogenic Categories

· **IARC (International Agency for Research on Cancer)**

140-11-4 benzyl acetate

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· **Other regulations, limitations and prohibitive regulations**

· **Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients are listed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**  
 H226 Flammable liquid and vapour.  
 H301 Toxic if swallowed.  
 H302 Harmful if swallowed.  
 H311 Toxic in contact with skin.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H318 Causes serious eye damage.  
 H319 Causes serious eye irritation.  
 H331 Toxic if inhaled.

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H400 Very toxic to aquatic life.  
 H411 Toxic to aquatic life with long lasting effects.  
 H412 Harmful to aquatic life with long lasting effects.

• **Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
 IMDG: International Maritime Code for Dangerous Goods  
 DOT: US Department of Transportation  
 IATA: International Air Transport Association  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 NFPA: National Fire Protection Association (USA)  
 HMIS: Hazardous Materials Identification System (USA)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 NIOSH: National Institute for Occupational Safety  
 OSHA: Occupational Safety & Health  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 Flam. Liq. 3: Flammable liquids, Hazard Category 3  
 Acute Tox. 3: Acute toxicity, Hazard Category 3  
 Acute Tox. 4: Acute toxicity, Hazard Category 4  
 Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2  
 Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1  
 Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2  
 Skin Sens. 1: Sensitisation - Skin, Hazard Category 1  
 Skin Sens. 1B: Sensitisation - Skin, Hazard Category 1B  
 Aquatic Acute 1: Hazardous to the aquatic environment - Acute Hazard, Category 1  
 Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2  
 Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

• **Sources**

Website, European Chemicals Agency (echa.europa.eu)  
 Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)  
 Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)  
 Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: ISBN: 978-0-470-07488-6  
 Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.  
 Safety Data Sheets, Individual Manufacturers

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