

## Safety data sheet

Issue date: 25.04.2017

Version 1

Last Revision: 25.04.2017

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

- **1.1 Product identifier**
  - **Product name: Clean Car Vent Air Freshener**
    - **Part number:** 590239, 98000239, 203239
    - **Application of the substance / the mixture** air conditioning deodorizer/fragrance
- **1.3 Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:**  
Terraclean, division of, CPS Products Canada Ltd.  
1324 Blundell Road  
Mississauga, ON L4Y 1M5  
Canada  
Tel: (905) 615-8620
  - **email of person responsible:** customerservice@terraclean.net
- **1.4 Emergency telephone number:** CHEMTREC International +1 (703) 527-3887 24 hr

## SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
  - **Classification according to Regulation (EC) No 1272/2008**  
Skin Sens. 1      H317 May cause an allergic skin reaction.  
Aquatic Chronic 3   H412 Harmful to aquatic life with long lasting effects.

- **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**



GHS07

- **Signal word** Warning
- **Hazard-determining components of labelling:**  
Orange oil, sweet terpenes  
2-(4-tert-Butylbenzyl)propionaldehyde  
Linalool  
benzyl salicylate  
Coumarin  
Iraldeine gamma  
Citral  
Citronellol  
dodecanal
- **Hazard statements**  
H317 May cause an allergic skin reaction.  
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements**  
P261      Avoid breathing fume/spray.  
P273      Avoid release to the environment.

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- P280 Wear protective gloves.  
 P333+P313 If skin irritation or rash occurs: Get medical attention.  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
 P501 Dispose of contents in accordance with local regulations.

· **2.3 Other hazards**· **Results of PBT and vPvB assessment**

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

**SECTION 3: Composition/information on ingredients**· **3.2 Mixtures**· **Chemical components:**

CAS: 68647-72-3 EINECS: 232-433-8	Orange oil, sweet terpenes Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317	2.5-<10%
CAS: 78-70-6 EINECS: 201-134-4	Linalool Skin Sens. 1, H317	1-≤2.5%
CAS: 118-58-1	benzyl salicylate Eye Irrit. 2, H319; Skin Sens. 1, H317; Aquatic Chronic 3, H412	1-<2.5%
CAS: 120-51-4 EINECS: 204-402-9	Benzyl benzoate Aquatic Chronic 2, H411; Acute Tox. 4, H302	0.25-<2.5%
CAS: 80-54-6 EINECS: 201-289-8	2-(4-tert-Butylbenzyl)propionaldehyde Acute Tox. 4, H302; Skin Sens. 1, H317	1-≤2.5%
CAS: 91-64-5 EINECS: 202-086-7	Coumarin Acute Tox. 3, H301; Skin Sens. 1, H317	1-≤2.5%
CAS: 127-51-5 EINECS: 204-846-3	Iraldeine gamma Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317	1-<2.5%
CAS: 5392-40-5 EINECS: 226-394-6	Citral Skin Irrit. 2, H315; Skin Sens. 1, H317	1-≤2.5%
CAS: 106-22-9 EINECS: 203-375-0	Citronellol Skin Sens. 1, H317	1-≤2.5%
CAS: 112-54-9 EINECS: 203-983-6	dodecanal Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	1-≤2.5%

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

**SECTION 4: First aid measures**· **4.1 Description of first aid measures**· **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:**

Rinse cautiously with water. Remove contact lenses, if present and easy to do. Get medical attention if eye irritation develops or persists.

- **After swallowing:** If symptoms persist consult doctor.

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- **4.2 Most important symptoms and effects, both acute and delayed** See section 11.
  - **Information for doctor:** Treat Symptomatically
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

**SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
  - **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture** See section 10 for additional information.
- **5.3 Advice for firefighters**
  - **Protective equipment:**  
Recommend wearing self-contained breathing apparatus. Water may cause splattering.

**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures** Not Applicable
- **6.2 Environmental precautions:**  
Take precautions to avoid release to the environment. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.
- **6.3 Methods and material for containment and cleaning up:** Pick up mechanically.
- **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**

- **Handling:**
  - **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:**  
See section 10 for incompatible materials.
    - **Information about storage in one common storage facility:** Not required.
    - **Further information about storage conditions:** None.
- **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:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
    - **Additional information:** The lists valid during the making were used as basis.

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**· 8.2 Exposure controls****· Personal protective equipment:****· General protective and hygienic measures:**

Immediately remove all soiled and contaminated clothing

**· Protection of hands:**

Chemical resistant protective gloves (EN 374)

**· Eye protection:**

Safety glasses. If potential for splash or mist exists, wear chemical goggles or faceshield.

**SECTION 9: Physical and chemical properties****· 9.1 Information on basic physical and chemical properties****· General Information****· Appearance:****· Form:** Solid**· Colour:** Black**· Odour:** Characteristic**· Odour threshold:** Not determined.**· pH-value:** Not applicable.**· Change in condition****· Melting point/freezing point:** Undetermined.**· Initial boiling point and boiling range:** Undetermined.**· Flash point:** 74 °C**· Flammability (solid, gas):** Not determined.**· Ignition temperature:****· Decomposition temperature:** Not determined.**· Auto-ignition temperature:** Product is not selfigniting.**· Explosive properties:** Product does not present an explosion hazard.**· Explosion limits:****· Lower:** Not determined.**· Upper:** Not determined.**· Vapour pressure:** Not applicable.**· Density:** Not determined.**· Relative density** Not determined.**· Vapour density** Not applicable.

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· <b>Evaporation rate</b>	Not applicable.
· <b>Solubility in / Miscibility with</b> · <b>water:</b>	Insoluble.
· <b>Partition coefficient: n-octanol/water:</b>	Not determined.
· <b>Viscosity:</b> · <b>Dynamic:</b> · <b>Kinematic:</b>	Not applicable. Not applicable.
· <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 according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.

**SECTION 11: Toxicological information**

- **11.1 Information on toxicological effects**
  - **Acute toxicity** Based on available data, the classification criteria are not met.

· <b>LD/LC50 values relevant for classification:</b>		
<b>ATE (Acute Toxicity Estimates)</b>		
Oral	LD50	11642 mg/kg
<b>78-70-6 Linalool</b>		
Oral	LD50	2790 mg/kg (rat)
Dermal	LD50	5610 mg/kg (rabbit)
<b>120-51-4 Benzyl benzoate</b>		
Oral	LD50	1700 mg/kg (rat)
Dermal	LD50	4000 mg/kg (rabbit)
<b>80-54-6 2-(4-tert-Butylbenzyl)propionaldehyde</b>		
Oral	LD50	500 mg/kg (ATE)
<b>91-64-5 Coumarin</b>		
Oral	LD50	293 mg/kg (rat)
<b>5392-40-5 Citral</b>		
Oral	LD50	4960 mg/kg (rat)
<b>106-22-9 Citronellol</b>		
Oral	LD50	3450 mg/kg (rat)
Dermal	LD50	2650 mg/kg (rabbit)

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**112-54-9 dodecanal**

Oral	LD50	23000 mg/kg (rat)
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- **Primary irritant effect:**
  - **Skin corrosion/irritation** May cause mild skin irritation.
  - **Serious eye damage/irritation**  
Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation**  
May cause an allergic skin reaction.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
  - **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.

**SECTION 12: Ecological information**

- **12.1 Toxicity**
  - **Aquatic toxicity:** Harmful to aquatic life with long lasting effects.
- **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.
  - **Additional ecological information:**
    - **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
  - **PBT:** Not applicable.
  - **vPvB:** Not applicable.
- **12.6 Other adverse effects** Avoid release to the environment.

**SECTION 13: Disposal considerations**

- **13.1 Waste treatment methods**
  - **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
  - **Uncleaned packaging:**
    - **Recommendation:** Disposal must be made according to official regulations.

**SECTION 14: Transport information**

- **14.1 UN-Number**
- **ADR, IATA** Not Regulated

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· <b>IMDG</b>	UN3077
· <b>14.2 UN proper shipping name</b> · <b>ADR, IATA</b> · <b>IMDG</b>	Not Regulated ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Orange oil, sweet terpenes, 2-(4-tert-Butylbenzyl)propionaldehyde, Amyl salicylate), MARINE POLLUTANT
· <b>14.3 Transport hazard class(es)</b> · <b>ADR, IATA</b> · <b>Class</b>	Not Regulated
· <b>IMDG</b>  · <b>Class</b> · <b>Label</b>	9 Miscellaneous dangerous substances and articles. 9
· <b>14.4 Packing group</b> · <b>ADR, IATA</b> · <b>IMDG</b>	Not Regulated III
· <b>14.5 Environmental hazards:</b>	Product contains environmentally hazardous substances: Amyl salicylate
· <b>14.6 Special precautions for user</b> · <b>EMS Number:</b> · <b>Stowage Category</b> · <b>Stowage Code</b>	Not applicable. F-A,S-F A SW23 When transported in BK3 bulk container, see 7.6.2.12 and 7.7.3.9.
· <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	
· <b>IMDG</b> · <b>Limited quantities (LQ)</b> · <b>Excepted quantities (EQ)</b>	5 kg Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g
· <b>UN "Model Regulation":</b>	Not Regulated

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**SECTION 15: Regulatory information****· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

No REACH Annex XVII restrictions  
 Contains no REACH candidate substance

**· Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is 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.

· **Issue Date:** 25/APR/2017

· **Contact:** Engineering Department

· **Revision Changes:** v 1.0 - initial SDS release (25/APR/2017)

**· Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3