

Safety Data Sheet

Issue date: 01.05.2017

v 1

Last Revision Date: 13.01.2017

1 Identification· **Product identifier**· **Trade name: Clean Car Vent Air Freshener**· **Part number:** 590239, 98000239, 203239· **Application of the substance / the mixture** air conditioning deodorizer/fragrance· **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· **Emergency telephone number:**

CHEMTREC International +1 (703) 527-3887 (outside the US), 1-800-424-9300 (in the US) 24 hr

2 Hazard(s) identification· **Classification of the substance or mixture**

Skin Sens. 1 H317 May cause an allergic skin reaction.

Aquatic Acute 2 H401 Toxic to aquatic life.

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

· **Label elements**· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**

GHS07 GHS09

· **Signal word** Warning· **Hazard-determining components of labeling:**

Orange oil, sweet terpenes

2-(4-tert-Butylbenzyl)propionaldehyde

Linalool

benzyl salicylate

Coumarin

Iraldeine gamma

Cital

Citronellol

dodecanal

· **Hazard statements**

May cause an allergic skin reaction.

Toxic to aquatic life.

Toxic to aquatic life with long lasting effects.

· **Precautionary statements**

Avoid breathing dust/fume/gas/mist/vapors/spray

(Contd. on page 2)

Safety Data Sheet

Issue date: 01.05.2017

v 1

Last Revision Date: 13.01.2017

Trade name: Clean Car Vent Air Freshener

(Contd. of page 1)

Contaminated work clothing must not be allowed out of the workplace.
 Avoid release to the environment.
 Wear protective gloves.
 IF ON SKIN: Wash with plenty of water.
 Specific treatment (see on this label).
 If skin irritation or rash occurs: Get medical attention.
 Wash contaminated clothing before reuse.
 Collect spillage.
 Dispose of contents in accordance with local regulations.

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

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

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

68647-72-3	Orange oil, sweet terpenes	2.5-<10%
78-70-6	Linalool	1-≤2.5%
118-58-1	benzyl salicylate	1-<2.5%
120-51-4	Benzyl benzoate	0.25-<2.5%
80-54-6	2-(4-tert-Butylbenzyl)propionaldehyde	1-≤2.5%
91-64-5	Coumarin	1-≤2.5%
127-51-5	Iraldeine gamma	1-<2.5%
5392-40-5	Citral	1-≤2.5%
106-22-9	Citronellol	1-≤2.5%
112-54-9	dodecanal	1-≤2.5%

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

4 First-aid measures· **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.· **Information for doctor:** Treat Symptomatically

- **Most important symptoms and effects, both acute and delayed** See section 11.

(Contd. on page 3)

NA

Safety Data Sheet

Issue date: 01.05.2017

v 1

Last Revision Date: 13.01.2017

Trade name: **Clean Car Vent Air Freshener**

(Contd. of page 2)

- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
 - **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** See section 10 for additional information.
- **Advice for firefighters**
 - **Protective equipment:**
Recommend wearing self-contained breathing apparatus. Water may cause splattering.

6 Accidental release measures

- **Environmental precautions:**
Take precautions to avoid release to the environment. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.
- **Methods and material for containment and cleaning up:** Pick up mechanically.
- **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.

7 Handling and storage

- **Handling:**
 - **Information about protection against explosions and fires:** No special measures required.
- **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.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

5392-40-5 Citral ($\leq 2.5\%$)

TLV (USA)	TWA: 32* mg/m ³ , 5* ppm Skin; DSEN; *inhalable fraction + vapor
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- **Additional information:** The lists that were valid during the creation were used as basis.

(Contd. on page 4)

NA

Safety Data Sheet

Issue date: 01.05.2017

v 1

Last Revision Date: 13.01.2017

Trade name: **Clean Car Vent Air Freshener**

(Contd. of page 3)

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

Immediately remove all soiled and contaminated clothing.

· **Protection of hands:**

Chemical resistant protective gloves

· **Eye protection:**

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

9 Physical and chemical properties

· **Information on basic physical and chemical properties**· **General Information**· **Appearance:**· **Form:**

Solid

· **Color:**

Black

· **Odor:**

Characteristic

· **Odor threshold:**

Not determined.

· **pH-value:**

Not applicable.

· **Change in condition**· **Melting point/Melting range:**

Undetermined.

· **Boiling point/Boiling range:**

Undetermined.

· **Flash point:**

74 °C

· **Flammability (solid, gaseous):**

Not determined.

· **Ignition temperature:**· **Decomposition temperature:**

Not determined.

· **Auto igniting:**

Product is not selfigniting.

· **Danger of explosion:**

Product does not present an explosion hazard.

· **Explosion limits:**· **Lower:**

Not determined.

· **Upper:**

Not determined.

· **Vapor pressure:**

Not applicable.

· **Density:**

Not determined.

· **Relative density**

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· **Vapor density**

Not applicable.

(Contd. on page 5)

Safety Data Sheet

Issue date: 01.05.2017

v 1

Last Revision Date: 13.01.2017

Trade name: **Clean Car Vent Air Freshener**

(Contd. of page 4)

· Evaporation rate	Not applicable.
· Solubility in / Miscibility with	
· Water:	Insoluble.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
· Dynamic:	Not applicable.
· Kinematic:	Not applicable.
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
 - **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.

11 Toxicological information

- **Information on toxicological effects**
 - **Acute toxicity:**

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

(Contd. on page 6)

-NA

Safety Data Sheet

Issue date: 01.05.2017

v 1

Last Revision Date: 13.01.2017

Trade name: **Clean Car Vent Air Freshener**

(Contd. of page 5)

112-54-9 dodecanal

Oral | LD50 | 23000 mg/kg (rat)

· **Primary irritant effect:**· **on the skin:**

May cause mild skin irritation. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis.

· **on the eye:** May cause eye irritation.· **Sensitization:** Sensitization possible through skin contact.· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

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

91-64-5 | Coumarin

3

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information· **Toxicity**

· **Aquatic toxicity:** Harmful to aquatic life with long lasting effects.

· **Persistence and degradability** No further relevant information available.

· **Behavior in environmental systems:**

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

· **Additional ecological information:**· **General notes:**

Water hazard class 1 (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.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects** Avoid release to the environment.

13 Disposal considerations· **Waste treatment methods**· **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

(Contd. on page 7)

NA

Safety Data Sheet

Issue date: 01.05.2017

v 1

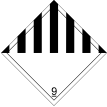
Last Revision Date: 13.01.2017

Trade name: **Clean Car Vent Air Freshener**

(Contd. of page 6)

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

14 Transport information

<ul style="list-style-type: none"> · UN-Number · DOT · TDG · ADR, IATA · IMDG 	NA3077 Not Regulated Not Regulated UN3077
<ul style="list-style-type: none"> · UN proper shipping name · DOT · TDG · IMDG · IATA 	Environmentally hazardous substances, solid, n.o.s. (Orange oil, sweet terpenes, 2-(4-tert-Butylbenzyl) propionaldehyde, Amyl salicylate) Not Regulated ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Orange oil, sweet terpenes, 2-(4-tert- Butylbenzyl)propionaldehyde, Amyl salicylate), MARINE POLLUTANT Not Regulated
<ul style="list-style-type: none"> · Transport hazard class(es) · DOT, IMDG  <ul style="list-style-type: none"> · Class · Label · TDG 	9 Miscellaneous dangerous substances and articles 9 Not Regulated
<ul style="list-style-type: none"> · IATA · Class 	Not Regulated
<ul style="list-style-type: none"> · Packing group · DOT, IMDG · TDG · IATA 	III Not Regulated Not Regulated
<ul style="list-style-type: none"> · Environmental hazards: · Marine pollutant: 	Product contains environmentally hazardous substances: Amyl salicylate Yes (DOT)
<ul style="list-style-type: none"> · Special precautions for user · EMS Number: · Stowage Category 	Not applicable. F-A,S-F A

(Contd. on page 8)

NA

Safety Data Sheet

Issue date: 01.05.2017

v 1

Last Revision Date: 13.01.2017

Trade name: **Clean Car Vent Air Freshener**

(Contd. of page 7)

· Stowage Code	SW23 When transported in BK3 bulk container, see 7.6.2.12 and 7.7.3.9.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· IMDG	
· Limited quantities (LQ)	5 kg
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g
· UN "Model Regulation":	Not Regulated

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

· Sara

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

· **Proposition 65**· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenic categories**· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

(Contd. on page 9)

-NA

Safety Data Sheet

Issue date: 01.05.2017

v 1

Last Revision Date: 13.01.2017

Trade name: Clean Car Vent Air Freshener

(Contd. of page 8)

· **Canadian substance listings:**· **Canadian Domestic Substances List (DSL)**

All ingredients are listed.

· **Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients is listed.

· **Canadian Ingredient Disclosure list (limit 1%)**

5392-40-5 Citral

112-54-9 dodecanal

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.

· **Contact:** Engineering Department· **Issue Date** 01/MAY/2017· **Revision Changes:** v 1.0 - initial SDS release (01/MAY/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

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

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

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

Skin Sens. 1: Skin sensitisation – Category 1

Aquatic Acute 2: Hazardous to the aquatic environment - acute aquatic hazard – Category 2

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

NA