

Safety Data Sheet

acc. to OSHA HCS

Printing date 05/02/2013

Reviewed on 03/11/2010

1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name:** SUNFLOWER TYPE
- **Article number:** M0191
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the preparation:** Fragrance
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**

CAMDEN-GREY ESSENTIAL OILS
 3567 NW 82 Avenue, Doral, FL 33122
 Tel: 305-500-9630 / Fax: 305-500-9425
www.camdengrey.com
- **Information department:** Technical Services Department

2 Hazards identification

- **Classification of the substance or mixture**



GHS07

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.

- **Label elements**
- **GHS label elements**
The product is classified and labelled according to the Globally Harmonized System (GHS).
- **Hazard pictograms** GHS07
- **Signal word** Warning
- **Hazard-determining components of labelling:**
HEXYL CINNAMIC ALDEHYDE ALPHA
ORANGE OIL CP MID-SEASON
- **Hazard statements**
Causes skin irritation.
May cause an allergic skin reaction.
- **Precautionary statements**
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wear protective gloves/protective clothing/eye protection/face protection.
Specific treatment (see on this label).
Take off contaminated clothing and wash before reuse.
Wash contaminated clothing before reuse.

(Cont'd. on page 2)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 05/02/2013

Reviewed on 03/11/2010

Trade name: **SUNFLOWER TYPE**

(Cont'd. of page 1)

Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**· **NFPA ratings (scale 0 - 4)**

Health = 2
Fire = 2
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**

Health = 2
Fire = 2
Reactivity = 0

· **Other hazards**· **Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**· **Description:** Mixture of the substances listed below with nonhazardous additions.· **Dangerous components:**

120-51-4	Benzyl benzoate ⚠ H302
101-86-0	HEXYL CINNAMIC ALDEHYDE ALPHA ⚠ H317
8008-57-9	ORANGE OIL CP MID-SEASON ⚠ H226; ⚠ H304; ⚠ H315; H317
1222-05-5	GALAXOLIDE
54464-57-2	ISO E SUPER
8008-56-8	Lemon oil ⚠ H226; ⚠ H304; ⚠ H315; H317
106-22-9	Citronellol ⚠ H315; H317; H227
18127-01-0	BOURGEONAL ⚠ H317
106-24-1	2,6-Octadien-1-ol, 3,7-dimethyl-, (E)- ⚠ H315; H317
5392-40-5	2,6-Octadienal, 3,7-dimethyl- ⚠ H315; H317; H227

USA

(Cont'd. on page 3)

Safety Data Sheet

acc. to OSHA HCS

Printing date 05/02/2013

Reviewed on 03/11/2010

Trade name: **SUNFLOWER TYPE**

(Cont'd. of page 2)

4 First aid measures

- **Description of first aid measures**
- **General information:**
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **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 opened eye for several minutes under running water.
- **After swallowing:** Immediately call a doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting 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** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **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.
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **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.

USA

(Cont'd. on page 4)

Safety Data Sheet

acc. to OSHA HCS

Printing date 05/02/2013

Reviewed on 03/11/2010

Trade name: SUNFLOWER TYPE

(Cont'd. of page 3)

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **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:** No special requirements.
- **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

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components 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 that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
- **Breathing equipment:**
In case of intensive or long exposure in low ventilation areas, it is suggested that a respiratory protective device be used.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several

(Cont'd. on page 5)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 05/02/2013

Reviewed on 03/11/2010

Trade name: SUNFLOWER TYPE

(Cont'd of page 4)

substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Goggles recommended during refilling.

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

· Form:	liquid
· Color:	According to product specification
· Odor:	Characteristic
· Odor threshold:	Not determined.

· **pH-value:** Not determined.

· **Change in condition**

· Melting point/Melting range:	Undetermined.
· Boiling point/Boiling range:	176 °C (349 °F)

· **Flash point:** 81 °C (178 °F)

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:** 480 °C (896 °F)

· **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 at 20 °C (68 °F):** 0.128 hPa

· **Specific gravity:** 0.9916

· **Refractive Index @ 20C** 1.5145

· **Vapour density** Not determined.

· **Evaporation rate** Not determined.

· **Solubility in / Miscibility with**

· **Water:** Not miscible or difficult to mix.

· **Partition coefficient (n-octanol/water):** Not determined.

(Cont'd on page 6)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 05/02/2013

Reviewed on 03/11/2010

Trade name: SUNFLOWER TYPE

(Cont'd. of page 5)

· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	0.0 %
· Solids content:	
	0.9 %
· Other information	
	No further relevant information available.

10 Stability and reactivity

- **Reactivity**
- **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.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

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

- **LD/LC50 values that are relevant for classification:**

120-51-4 Benzyl benzoate

Oral	LD50	1700 mg/kg (rat)
Dermal	LD50	4000 mg/kg (rabbit)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**

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

Harmful
Irritant

- **Carcinogenic categories**

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

140-11-4 ACETIC ACID, PHENYL METHYL ESTER

3

(Cont'd. on page 7)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 05/02/2013

Reviewed on 03/11/2010

Trade name: SUNFLOWER TYPE

(Cont'd. of page 6)

128-37-0 2,6-di-tert-butyl-p-cresol

3

· NTP (National Toxicology Program)

None of the ingredients are listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **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.
- **Ecotoxicological effects:**
- **Remark:** Toxic for fish
- **Additional ecological information:**
- **General notes:**
*Water hazard class 3 (Self-assessment): extremely hazardous for water
 Do not allow product to reach ground water, water course or sewage system, even in small quantities.
 Danger to drinking water if even extremely small quantities leak into the ground.
 Also poisonous for fish and plankton in water bodies.
 Toxic for aquatic organisms*
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

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

14 Transport information

- | | |
|-----------------------------|-----|
| · UN-Number | |
| · DOT, ADR, ADN, IMDG, IATA | N/A |
| · UN proper shipping name | |
| · DOT, ADR, ADN, IMDG, IATA | N/A |

(Cont'd. on page 8)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 05/02/2013

Reviewed on 03/11/2010

Trade name: SUNFLOWER TYPE

(Cont'd. of page 7)

· <i>Transport hazard class(es)</i>	
· <i>DOT</i>	
· <i>Class</i>	N/A
· <i>Label</i>	-
· <i>ADR, ADN, IMDG, IATA</i>	
· <i>Class</i>	N/A
· <i>Packing group</i>	
· <i>DOT, ADR, IMDG, IATA</i>	N/A
· <i>Environmental hazards:</i>	Product contains environmentally hazardous substances: ORANGE OIL CP MID-SEASON, GALAXOLIDE
· <i>Marine pollutant:</i>	No
· <i>Special precautions for user</i>	Not applicable.
· <i>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</i>	Not applicable.
· <i>UN "Model Regulation":</i>	-

15 Regulatory information

- *Safety, health and environmental regulations/legislation specific for the substance or mixture*
- *Sara*

· *Section 355 (extremely hazardous substances):*

None of the ingredient 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 are listed.

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

None of the ingredients are listed.

· *Chemicals known to cause developmental toxicity:*

None of the ingredients are listed.

(Cont'd on page 9)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 05/02/2013

Reviewed on 03/11/2010

Trade name: SUNFLOWER TYPE

(Cont'd. of page 8)

· **Carcinogenicity categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients are listed.

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

140-11-4	ACETIC ACID, PHENYL METHYL ESTER	A4
128-37-0	2,6-di-tert-butyl-p-cresol	A4

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

None of the ingredients are listed.

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

None of the ingredients are listed.

· **GHS label elements**

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

· **Hazard pictograms GHS07**

· **Signal word Warning**

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

HEXYL CINNAMIC ALDEHYDE ALPHA

ORANGE OIL CP MID-SEASON

· **Hazard statements**

Causes skin irritation.

May cause an allergic skin reaction.

· **Precautionary statements**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wear protective gloves/protective clothing/eye protection/face protection.

Specific treatment (see on this label).

Take off contaminated clothing and wash before reuse.

Wash contaminated clothing before reuse.

Dispose of contents/container in accordance with local/regional/national/international regulations.

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

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.

· **Department issuing MSDS: Technical Services Department**

· **Contact: Technical Services Department**

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

(Cont'd. on page 10)

USA

Safety Data Sheet
acc. to OSHA HCS

Printing date 05/02/2013

Reviewed on 03/11/2010

Trade name: SUNFLOWER TYPE

(Cont'd of page 9)

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

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

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

USA