

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2015/830, Amending Regulation (EC) No 1907/2006

Printing date 01.07.2020

Revision: 01.07.2020

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

- 1.1 Product identifier**
- Trade name:** **P&O/ GLOBAL VANILLA**
- Article number:** 4236671
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
- Application of the substance / the mixture**
- Not for personal use. Only for industrial use.  
This material is for industrial use only in household products, cosmetics, fragrances and fragranced products.  
Our products are inedible and are not used for food production.
- 1.3 Details of the supplier of the safety data sheet**
- Manufacturer/Supplier:** GOSB Tembelova Alanı 3300 sokak No: 3306  
Gebze, Kocaeli / Turkiye
- Further information obtainable from:** kalite@gulcicek.com
- 1.4 Emergency telephone number:** +90 (262) 677 00 00 pbx Only available during office hours (UTC+2)

## 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**
- Hazard pictograms**

The product is classified and labelled according to the CLP regulation.



- Signal word** Warning
- Hazard-determining components of labelling:** 2(phenylmethylidene)octanal  
1,6-Octadien-3-ol, 3,7-dimethyl-  
Coumarin  
dl-Citronellol
- Hazard statements** H317 May cause an allergic skin reaction.  
H412 Harmful to aquatic life with long lasting effects.
- Precautionary statements** P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P273 Avoid release to the environment.  
P280 Wear protective gloves.  
P321 Specific treatment (see on this label).  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- 2.3 Other hazards**
- Results of PBT and vPvB assessment**
- PBT:** Not applicable.
- vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

- Description:** Multi component mixture.
- Dangerous components:**
- |                            |   |        |
|----------------------------|---|--------|
| CAS: 101-86-0              | 2(phenylmethylidene)octanal   | 5-10%  |
| EINECS: 202-983-3          | Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Skin Sens. 1B, H317 |        |
| CAS: 78-70-6               | 1,6-Octadien-3-ol, 3,7-dimethyl-                                    | 2.5-5% |
| EINECS: 201-134-4          | Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317        |        |
| CAS: 121-33-5              | Vanillin  | 2.5-5% |
| EINECS: 204-465-2          | Eye Irrit. 2, H319  |        |
| CAS: 91-64-5               | Coumarin  | 2.5-5% |
| EINECS: 202-086-7          | Acute Tox. 4, H302; Skin Sens. 1B, H317                             |        |
| CAS: 106-22-9              | dl-Citronellol  | 1-2.5% |
| EINECS: 203-375-0          | Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317        |        |
| CAS: 4940-11-8             | 2-ethyl-3-hydroxypyran-4-one  | 1-2.5% |
| EINECS: 225-582-5          | Acute Tox. 4, H302  |        |
| CAS: 1222-05-5             | 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran      | 1-2.5% |
| EINECS: 214-946-9          | Aquatic Acute 1, H400; Aquatic Chronic 1, H410                      |        |
| Index number: 603-212-00-7 |   |        |
| CAS: 106-24-1              | Geraniol  | 0.1-1% |
| EINECS: 203-377-1          | Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1B, H317          |        |

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CAS: 120-57-0 Protocatechuic aldehyde methylene ether  
EINECS: 204-409-7 Skin Sens. 1, H317

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0.1-1%

. 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 opened eye for several minutes under running water.
- . After swallowing: If symptoms persist consult doctor.

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

No further relevant information available.

### . 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: Use fire extinguishing methods suitable to surrounding conditions.  
CO<sub>2</sub>, foam, dry chemical.  
Never use a direct water jet on burning material.

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

No further relevant information available.

### . 5.3 Advice for firefighters

#### . Protective equipment:

Wear self-contained respiratory protective device.  
Do not inhale explosion gases or combustion gases.

#### . Additional information

Cool endangered receptacles with water spray.

## SECTION 6: Accidental release measures

### . 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation  
Particular danger of slipping on leaked/spilled product.  
Keep away from ignition sources.

### . 6.2 Environmental precautions:

Wear protective clothing.  
Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.

### . 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Ensure adequate ventilation.  
Clean the affected area carefully; suitable cleaners are:  
Warm water and cleansing agent  
Organic solvent

### . 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

Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.

#### . 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:

No special requirements.

#### . Information about storage in one common storage facility:

Not required.

#### . Further information about storage conditions:

Store receptacle in a well ventilated area.  
Protect from humidity and water.  
Protect from exposure to the light.  
Store in a cool place.

### . 7.3 Specific end use(s)

No further relevant information available.

## SECTION 8: Exposure controls/personal protection

#### . Additional information about design of technical facilities:

No further data; see item 7.

### . 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.

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## DNELs

### 101-86-0 2(phenylmethylidene)octanal

Dermal	DNEL Chronic Local	0.525 mg/cm <sup>2</sup> (workers)
	DNEL Chronic Systemic	18.2 mg/kg-bw/day (workers)
	DNEL Acute Local	0.525 mg/cm <sup>2</sup> (workers)
Inhalative	DNEL Acute Local	6.28 mg/m <sup>3</sup> (workers)
	DNEL Chronic Systemic	0.078 mg/m <sup>3</sup> (workers)

## PNECs

### 101-86-0 2(phenylmethylidene)octanal

PNEC aqua fw	0.03 mg/l
PNEC aqua m	0.003 mg/l
PNEC STP	10 mg/l
PNEC sediment fw	4.7 mg/kg dwt
PNEC sediment m	4.77 mg/kg dwt
PNEC soil	9.51 mg/kg dwt
PNEC sec. poisoning	6.6 mg/kg

## Additional information:

The lists valid during the making were used as basis.

## 8.2 Exposure controls

### Personal protective equipment:

### General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not eat or drink while working.

### Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

### 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 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

### Body protection:

Protective work clothing

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

#### Appearance:

Form:	Clear, Liquid
Colour:	Colorless to very pale yellow
Odour:	Fruity, Vanilla

#### Flash point:

>100°C

#### Auto-ignition temperature:

Product is not selfigniting.

#### Explosive properties:

Product does not present an explosion hazard.

#### Density at 25°C:

1.007 - 1.017 g/cm<sup>3</sup>

#### Refractive Index at 25° C:

1.4595 - 1.4665

#### Solubility in / Miscibility with water:

Not miscible or difficult to mix.

#### alcohols:

Fully miscible.

#### 9.2 Other information

No further relevant information available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No further relevant information available.

### 10.2 Chemical stability

Stable in standard conditions.

### Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

### 10.3 Possibility of hazardous reactions

It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.

### 10.4 Conditions to avoid

Direct heat sources.

### 10.5 Incompatible materials:

No further relevant information available.

### 10.6 Hazardous decomposition products:

Carbon Monoxide and Unidentified organic compounds may be formed during combustion.

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## 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:**
- . **101-86-0 2(phenylmethylidene)octanal**
- Oral LD50 3100 mg/kg (rat)
- Dermal LD50 >3000 mg/kg (rabbit)
- Inhalative LC50/4 h >5 mg/l (rat)
- . **106-22-9 dl-Citronellol**
- Oral LD50 3450 mg/kg (rat)
- Dermal LD50 2650 mg/kg (rabbit)
- . **1222-05-5 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran**
- Oral LD50 >4640 mg/kg (rat)
- Dermal LD50 >6500 mg/kg (rat)
- . **Primary irritant effect:**
- . **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- . **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:**
- . **101-86-0 2(phenylmethylidene)octanal**
- LC50 96h 1.7 mg/l (fish)
- . **1222-05-5 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran**
- EC50 48h 0.9 mg/l (daphnia)
- ErC50 72h >0.854 mg/l (alg)
- EbC50 72h >0.723 mg/l (alg)
- LC50 21d 0.452 mg/l (fish)
- NOEC 21 d 0.111 mg/l (daphnia)
- . **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:** Toxic for fish
- . **Additional ecological information:**
- . **General notes:** Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.  
Also poisonous for fish and plankton in water bodies.  
Toxic for aquatic organisms
- . **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** 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, ADN, IMDG, IATA** Void
- . **14.2 UN proper shipping name**
- . **ADR, ADN, IMDG, IATA** Void
- . **14.3 Transport hazard class(es)**
- . **ADR, ADN, IMDG, IATA**
- . **Class** Void

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- . 14.4 Packing group
  - . ADR, IMDG, IATA
  - . 14.5 Environmental hazards:
  - . 14.6 Special precautions for user
  - . 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
  - . UN "Model Regulation":
- Void  
Not applicable.  
Not applicable.  
Not applicable.  
Void

## SECTION 15: Regulatory information

- . 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
  - . Directive 2012/18/EU
  - . Named dangerous substances - ANNEX I
  - . REGULATION (EC) No 1907/2006 ANNEX XVII
  - . 15.2 Chemical safety assessment:
- None of the ingredients is listed.  
Conditions of restriction: 3  
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
  - . Recommended restriction of use
  - . Classification according to Regulation (EC) No 1272/2008
  - . Customs tariffs:
  - . Department issuing SDS:
  - . Contact:
  - . Abbreviations and acronyms:
- H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
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.
- This material is for industrial use only in household products, cosmetics, fragrances and fragranced products.  
Our products are Inedible and are not used for food production.
- The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.
- 3302.90.90.00.00
- Quality control department  
N. Alan  
kalite@gulcicek.com
- 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)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
Skin Sens. 1: Skin sensitisation – Category 1  
Skin Sens. 1B: Skin sensitisation – Category 1B  
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1  
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic 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