# Provilan Clean Air Optimizer

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

### 1.1 - Product identifier

| | |
|---|---|
| Trade name/designation | Provilan Clean Air Optimizer |
| Chemical name | |
| Product-type | Mixture |
| Product code | CLN012 |

### 1.2 - Relevant identified uses of the substance or mixture and uses advised against

| | |
|---|---|
| Relevant identified uses | - Air care products |
| Uses advised against | - The product is not a medicine. |

### 1.3 - Details of the supplier of the safety data sheet

Probiotic Group Luxembourg S.A.
1, Hasselt
L-9944 Beiler Luxembourg
Telephone : +352 287 909 16
Website www.probiotic-group.com
Email: regulatory@probiotic-group.com

### 1.4 - Emergency telephone number

- Poison Centre. Tel: (+352) 8002 5500 Luxembourg

## SECTION 2: Hazards identification

### 2.1 - Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

| | |
|---|---|
| Not Classified | Not classified |

### 2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

| | | |
|---|---|---|
| Signal word | : | None |
| Pictograms | : | None |
| Hazard statements | : | None |
| Precautionary statements | | |

| | |
|---|---|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P103 | Read carefully and follow all instructions. |

EUH-phrases : None

Regulation (EC) No. 648/2004 (Detergents regulation)

Contains:
- perfumes
- Preservative: Sodium Benzoate, Bronopol

# Provilan Clean Air Optimizer



### 2.3 - Other hazards

| | |
|---|---|
| PBT-substance. | - PBT Substances / Mixtures: No. |
| vPvB-substance. | - vPVB substances / mixtures: No. |

## SECTION 3: Composition / information on ingredients

### 3.1 - Substances

Not applicable

### 3.2 - Mixtures

| Chemical name | No | % | Class(es) | Specific concentration limit |
|---|---|---|---|---|
| Glycerol<br>INCI: Glycerin | CAS No. : 56-81-5<br>Index No. :<br>EC No. : 200-289-5<br>REACH No. : Exempted | < 0.5 | Not Classified | Not applicable |
| Microorganisms EU Group 1 | CAS No. : 00-00-0<br>Index No. :<br>EC No. : | < 0.05 | Not Classified | Not applicable |

## SECTION 4: First aid measures

### 4.1 - Description of first aid measures

| | |
|---|---|
| Following inhalation | - Provide fresh air. |
| Following skin contact | - Wash immediately with: Water<br>- When in doubt or if symptoms are observed, get medical advice. |
| After eye contact | - Rinse immediately carefully and thoroughly with eye-bath or water.<br>- In case of eye irritation consult an ophthalmologist. |
| After ingestion | - Rinse mouth thoroughly with water.<br>- Do NOT induce vomiting. |

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

| | |
|---|---|
| Symptoms and effects - Following inhalation | - No information available. |
| Symptoms and effects - Following skin contact | - No information available. |
| Symptoms and effects - After eye contact | - No information available. |
| Symptoms and effects - After ingestion | - No information available. |

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

## SECTION 5: Firefighting measures

### 5.1 - Extinguishing media

| | |
|---|---|
| Suitable extinguishing media | - ABC-powder<br>- Carbon dioxide (CO2)<br>- Foam<br>- Extinguishing powder |
| Unsuitable extinguishing media | - Full water jet |

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

| | |
|---|---|
| Special hazards arising from the substance or mixture | - No information available. |

### 5.3 - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.

## SECTION 6: Accidental release measures

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

| | |
|---|---|
| For non-emergency personnel | - Use personal protection equipment.<br>- Provide adequate ventilation. |
| For emergency responders | - No information available. |

### 6.2 - Environmental precautions

- No information available.

### 6.3 - Methods and material for containment and cleaning up

| | |
|---|---|
| Methods and material for containment | - No information available. |
| Methods and material for cleaning up | - Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).<br>- Wash with plenty of water. |
| Inappropriate techniques | - No information available. |

### 6.4 - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8

## SECTION 7: Handling and storage

### 7.1 - Precautions for safe handling

| | |
|---|---|
| Recommendation | - No special technical protective measures are necessary. |
| Advices on general occupational hygiene | - No information available. |

### 7.2 - Conditions for safe storage, including any incompatibilities

- No information available.

### 7.3 - Specific end use(s)

# Provilan Clean Air Optimizer

## SECTION 8: Exposure controls/personal protection

### 8.1 - Control parameters

### 8.2 - Exposure controls

| | |
|---|---|
| Appropriate engineering controls | - No information available. |
| Individual protection measures, such as personal protective equipment | - Suitable protective clothing: lab coat |



## SECTION 9: Physical and chemical properties

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

| | | | |
|---|---|---|---|
| Physical state | Liquid | Appearance | Liquid |
| Colour | whitish | Odour | characteristic |

| | |
|---|---|
| Odour threshold | No data available |
| pH | 3 < V < 4 |
| Melting point | No data available |
| Freezing point | No data available |
| Boiling point | No data available |
| Flash point | > 70 °C |
| Evaporation rate | No data available |
| flammability | No data available |
| Lower explosion limit | No data available |
| Upper explosion limit | No data available |
| Vapour pressure | No data available |
| Vapour density | No data available |
| Relative density | No data available |
| Density | 0.96 g/cm³ < V < 1.04 g/cm³ |
| Solubility (Water) | No data available |
| Solubility (Ethanol) | No data available |
| Solubility (Acetone) | No data available |
| Solubility (Organic solvents) | No data available |
| Log KOC | No data available |
| Auto-ignition temperature | No data available |
| Decomposition temperature | No data available |
| Kinematic viscosity | No data available |
| Dynamic viscosity | No data available |

Particle characteristics

| | |
|---|---|
| Particle size | No data available |
| Dustiness | No data available |
| Specific surface area | No data available |
| Shape | No data available |

### 9.2 - Other information

| | |
|---|---|
| VOC content | No data available |
| Minimum ignition energy | No data available |
| Conductivity | No data available |

## SECTION 10: Stability and reactivity

### 10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

### 10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

### 10.4 - Conditions to avoid

- No information available.

### 10.5 - Incompatible materials

- No information available.

### 10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.

## SECTION 11: Toxicological information

### 11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Not classified

Toxicity : Mixture

| | |
|---|---|
| LD50 oral (rat) | No data available |
| LD50 dermal (rat) | No data available |
| LD50 dermal (rabbit) | No data available |
| LC50 inhalation (rat) | No data available |
| LC50 inhalation dusts and mists (rat) | No data available |
| LC50 inhalation vapours (rat) | No data available |

- Based on available data, the classification criteria are not met.

Skin corrosion/irritation - Not classified

Serious eye damage/eye irritation - Not classified

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

| | |
|---|---|
| STOT-single exposure | - Not classified |
| STOT-repeated exposure | - Not classified |
| Aspiration hazard | - Not classified |

### 11.2 - Information on other hazards

## SECTION 12: Ecological information

### 12.1 - Toxicity

Toxicity : Mixture

| | |
|---|---|
| EC50 48 hr crustacea | No data available |
| LC50 96 hr fish | No data available |
| ErC50 algae | No data available |
| ErC50 other aquatic plants | No data available |
| NOEC chronic fish | No data available |
| NOEC chronic crustacea | No data available |
| NOEC chronic algae | No data available |
| NOEC chronic other aquatic plants | No data available |

Toxicity : Substances

| Glycerol (56-81-5) | |
|---|---|
| EC50 48 hr crustacea | 10000 mg/l<br>(24h, Daphnia magna) |
| LC50 96 hr fish | 10000 mg/l<br>(Leuciscus idus) |
| ErC50 algae | 10000 mg/l |

- The substance/mixture does not fullfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

### 12.2 - Persistence and degradability

| | |
|---|---|
| Biochemical oxygen demand (BOD) | No data available |
| Chemical oxygen demand (COD) | No data available |
| % of biodegradation in 28 days | No data available |

- No information available.

### 12.3 - Bioaccumulative potential

| | |
|---|---|
| Bioconcentration factor (BCF) | No data available |
| Log KOC | No data available |

- No indication of bioaccumulation potential.

### 12.4 - Mobility in soil

- No information available.

### 12.5 - Results of PBT and vPvB assessment

- PBT Substances / Mixtures: No.

- vPVB substances / mixtures: No.

12.6 - Endocrine disrupting properties

12.7 - Other adverse effects

- No information available.

## SECTION 13: Disposal considerations

13.1 - Waste treatment methods

| | |
|---|---|
| Waste treatment methods | - Dispose of waste according to applicable legislation. |
| Sewage disposal | - No information available. |
| Special precautions for waste treatment | - No information available. |
| Community or national or regional provisions | - No information available. |

## SECTION 14: Transport information

14.1 - UN number or ID number
Not applicable

14.2 - UN proper shipping name

14.3 - Transport hazard class(es)

14.4 - Packing group

14.5 - Environmental hazards

14.6 - Special precautions for user

14.7 - Maritime transport in bulk according to IMO instruments

## SECTION 15: Regulatory information

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

| | |
|---|---|
| Substances REACH candidates | None |
| Substances Annex XIV | None |
| Substances Annex XVII | None |
| VOC content | No data available |

Regulation (EC) No. 648/2004 (Detergents regulation)

Contains:
- perfumes
- Preservative: Sodium Benzoate, Bronopol

Website www.provilan.com

15.2 - Chemical Safety Assessment

| | |
|---|---|
| Chemical safety assessment carried out for the product | - No information available. |

# Provilan Clean Air Optimizer

## SECTION 16: Other information

SDS versions

| Version | Issue date | Author | Description of the amendments |
|---|---|---|---|
| 1 | 29-05-24 | PBGL RA | Creation |

Texts of the regulatory sentences

| | |
|---|---|
| Acute Tox. 4 Oral | Acute toxicity (oral) - Category 4 |
| Not Classified | Not classified |

*** *** ***