

Provilan Clean Odor Remover

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

1.1 - Product identifier

Trade name/designation Provilan Clean Odor Remover

Chemical name

Product-type Mixture

Product code CLN007

UFI: W5T2-80K6-D00H-855Y

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

Relevant identified uses - Air care products

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]

Eye Irrit. 2	Eye irritation - Category 2
Skin Sens. 1	Skin sensitization - Category 1

2.2 - Label elements

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

Contains: (R)-p-mentha-1,8-diene (CAS No.: 5989-27-5) | 3,7-Dimethylocta-1,6-dien-3-ol (CAS No.: 78-70-6)

Signal word : Warning

Hazard pictograms



Hazard statements

H317	May cause an allergic skin reaction
H319	Causes serious eye irritation

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.

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P261	Avoid breathing spray.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatment (see information on this label).
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P501	Dispose of container/contents to an appropriate recycling or disposal facility in accordance with national regulation.
EUH-phrases	: None

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

Contains:

- less than 5%: nonionic surfactants
- perfumes
- Preservative: Sodium Benzoate, Bronopol
- D-Limonene
- Linalool
- Citral
- Terpineol



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
Citric acid INCI: Citric acid	CAS No. : 5949-29-1 Index No. : EC No. : 201-069-1 REACH No. : 01-2119457026-42-XXXX	< 5	Eye Irrit. 2 - H319 STOT SE 3 - H335	Not applicable
Alcohols, C13-15, branched and linear, ethoxylated	CAS No. : 157627-86-6 Index No. : EC No. : 500-337-8 REACH No. : Exempted	<= 2.5	Acute Tox. 4 Oral - H302 Aquatic Chronic 3 - H412 Eye Dam. 1 - H318	Not applicable

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Chemical name	No	%	Class(es)	Specific concentration limit
(R)-p-mentha-1,8-diene INCI: D-Limonene	CAS No. : 5989-27-5 Index No. : 601-029-00-7 EC No. : 227-813-5 REACH No. : 01-2119529223-47-xxxx	< 2	Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412 Asp. Tox. 1 - H304 Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1B - H317	Not applicable
Glycerol INCI: Glycerin	CAS No. : 56-81-5 Index No. : EC No. : 200-289-5 REACH No. : Exempted	< 0.5	Not Classified	Not applicable
3,7-Dimethylocta-1,6-dien-3-ol INCI: Linalool	CAS No. : 78-70-6 Index No. : EC No. : 201-134-4 REACH No. : 01-2119474016-42-xxxx	< 0.2	Eye Irrit. 2 - H319 Skin Irrit. 2 - H315 Skin Sens. 1B - H317	Not applicable
Ethanol INCI: Alcohol	CAS No. : 64-17-5 Index No. : 603-002-00-5 EC No. : 200-578-6 REACH No. : 01-2119457610-43-xxxx	< 0.2	Eye Irrit. 2 - H319 Flam. Liq. 2 - H225	Eye Irrit. 2 - H319 : 50<=%<100
Microorganisms EU Group 1	CAS No. : 00-00-0 Index No. : EC No. :	<= 0.005	Not Classified	Not applicable

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following inhalation

- Provide fresh air.

Following skin contact

- After contact with skin, wash immediately with plenty of water and soap.
- In case of skin reactions, consult a physician.

After eye contact

- Rinse immediately carefully and thoroughly with eye-bath or water.
- In case of eye irritation consult an ophthalmologist.

After ingestion

- Rinse mouth thoroughly with water.
- 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

- Causes skin irritation.

Symptoms and effects - After eye contact

- Causes eye irritation.

Symptoms and effects - After ingestion

- No information available.

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

- Treat symptomatically.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

Suitable extinguishing media

- ABC-powder
- Carbon dioxide (CO2)

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- Foam
- 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.

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).
- 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

- Avoid: Eye contact
- It is recommended to design all work processes always so that the following is excluded: Eye contact
- Avoid: Skin contact
- It is recommended to design all work processes always so that the following is excluded: Skin contact

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)

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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 eye protection: Eye glasses with side protection



- Suitable eye protection: Dust protection eye glasses



- Suitable protective clothing: lab coat



- For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Barrier creams are not substitutes for body protection.

- Tested protective gloves must be worn

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

<u>Physical state</u>	Liquid	<u>Appearance</u>	Liquid
<u>Colour</u>	whitish	<u>Odour</u>	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		$> 70\text{ }^{\circ}\text{C}$	
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	

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Vapour density	No data available
Relative density	No data available
Density	1.01 g/cm ³
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

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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.

Toxicity : Substances

3,7-Dimethylocta-1,6-dien-3-ol (78-70-6)	
LD50 oral (rat)	2790 mg/kg
LD50 dermal (rabbit)	5610 mg/kg

Skin corrosion/irritation

- Not classified

Serious eye damage/eye irritation

- Eye irritation - Category 2 - Causes serious eye irritation

- Irritating to eyes.

Respiratory or skin sensitisation

- Skin sensitization - Category 1 - May cause an allergic skin reaction

- May cause sensitization by skin contact.
- May cause an allergic skin reaction.

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

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Toxicity : Substances

Citric acid (5949-29-1)	
EC50 48 hr crustacea	120 mg/l
LC50 96 hr fish	440 mg/l < V < 760 mg/l
Glycerol (56-81-5)	
EC50 48 hr crustacea	10000 mg/l (24h, Daphnia magna)
LC50 96 hr fish	10000 mg/l (Leuciscus idus)
ErC50 algae	10000 mg/l

- The substance/mixture does not fulfill 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

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

SECTION 14: Transport information

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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 None
candidates

Substances Annex XIV None

Substances Annex XVII None

VOC content No data available

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

Contains:

- less than 5%: nonionic surfactants
- perfumes
- Preservative: Sodium Benzoate, Bronopol
- D-Limonene
- Linalool
- Citral
- Terpeneol

Website www.provilan.com

15.2 - Chemical Safety Assessment

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

SECTION 16: Other information

SDS versions

Version	Issue date	Author	Description of the amendments
1	28-05-24	PBGL RA	Creation

Texts of the regulatory sentences

Acute Tox. 4 Oral	Acute toxicity (oral) - Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Aquatic Acute 1
Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3
Asp. Tox. 1	Aspiration hazard - Category 1

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Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation - Category 2
Eye Irrit. 2A	Eye irritation - Category 2A
Flam. Liq. 2	Flammable liquid and vapour. - Category 2
Flam. Liq. 3	Flammable liquid and vapour. - Category 3
H225	Highly flammable liquid and vapour
H302	Harmful if swallowed
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
Not Classified	Not classified
Skin Irrit. 2	Irritation, Category 2
Skin Sens. 1	Skin sensitization - Category 1
Skin Sens. 1B	Skin sensitization - Category 1B
STOT SE 3	STOT-single exposure - Category 3 (H335)

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