Provilan Clean Water (EMS)

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

1.1 - Product identifier

Trade name/designation	Provilan Clean Water (EMS)
Chemical name	
Product-type	Mixture
Product code	CLN015

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

Relevant identified uses	- Professional use of cleaning products, must be diluted - Odor Destroyer

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

EUH208	Contains (R)-p-mentha-1,8-diene (5989-27-5) . May produce an allergic reaction

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

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



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	<= 1	Eye Irrit. 2 - H319 STOT SE 3 - H335	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
(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	< 0.15	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
Microorganisms EU Group 1	CAS No. : 00-00-0 Index No. : 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 - When in doubt or if symptoms are observed, get medical advice.
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.

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	- 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 - Carbon dioxide (CO2) - 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. - 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). - 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

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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)

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

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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

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	- 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

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 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

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% 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

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

Website www.provilan.com

15.2 - Chemical Safety Assessment

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

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
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
Eye Irrit. 2	Eye irritation - Category 2
Eye Irrit. 2A	Eye irritation - Category 2A
Flam. Liq. 3	Flammable liquid and vapour. - Category 3
H319	Causes serious eye irritation
H335	May cause respiratory irritation
Not Classified	Not classified
Skin Irrit. 2	Irritation, Category 2
Skin Sens. 1B	Skin sensitization - Category 1B
STOT SE 3	STOT-single exposure - Category 3 (H335)

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