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## ProAvita®ProDet Pe

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

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#### 1.1. - Product identifier

Trade name	ProAvita® ProDet Pe
Chemical name	Biodegradable Soaping Agent
Product-type	Mixture
Product code	TC-PDPe-02

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

Relevant identified uses of the substance or mixture - Superior Soaping agent for Polyester in textile processing

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

Proklean Technologies Pvt. Ltd.  
Plot No. 108 & 109, Perumal Nagar,  
Thirumudivakkam  
600044 Chennai India

B. Chandrasekhar: +91-44-22541997 contact@proklean.in

#### 1.4. - Emergency telephone number

Emergency contact number: +91-44-22541997 (from 10 am to 6 pm)

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### SECTION 2 - Hazards identification

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#### 2.1. - Classification of the substance or mixture

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

Not Classified	Not classified
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#### 2.2. - Label elements

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

Signal word	:	None
Pictograms	:	None
Hazard statements	:	None

Precautionary statements : None  
EUH-phrases : None

### 2.3. - Other hazards

PBT substance or mixture - Not a PBT

vPvB substance or mixture - Not a vPvB

Other hazards which do not result in classification - None under normal conditions

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## SECTION 3 - Composition/information on ingredients

### 3.1. - Substances

Probiotic Culture, Sugar Source, Organic food grade additives

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### 32. - Mixtures

- Confidential ingredients, which are not classified according to the EU CLP regulation

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## SECTION 4 - First aid measures

### 4.1. - Description of first aid measures

#### Measures in case of inhalation

- Provide fresh air.

#### Measures in case of contact with skin

- Wash immediately with: Water

#### Measures in case of contact with eyes

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

- Give plenty of water to drink

- No known symptoms or effects

#### Symptoms and effects after inhalation

Symptoms and effects after contact with

#### skin Symptoms and effects after contact

#### with eye symptoms and effects after

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

- Treat symptomatically.

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## SECTION 5 - Firefighting measures

### 5.1. - Extinguishing media

Suitable extinguishing media - Product is non-flammable aqueous preparation

Unsuitable extinguishing media - Product is non-flammable aqueous preparation

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

#### Decomposition products

- Not likely to release any hazardous decomposition products.

### 5.3. - Advice for firefighters

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

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## 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 specific requirements

6.2. - Environmental precautions

- No specific measures required.

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6.3. - Methods and material for containment and cleaning up

Appropriate containment techniques - No specific measures required.

Appropriate clean-up procedures - Wash with plenty of water.

Inappropriate techniques - No specific requirements

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

Recommendations - No special technical protective measures are necessary.

- When using do not eat, drink, sniff.

- Ensure adequate ventilation of the storage area.

7.3. - Specific end use(s)

Refer section 1.2

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## SECTION 8 - Exposure controls/personal protection

8.1. - Control parameters

No exposure limits known

8.2. - Exposure controls

Appropriate engineering controls - No specific measures required

Individual protection measures, such as personal protective equipment - Suitable protective clothing: lab coat



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**SECTION 9 - Physical and chemical properties**

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

<u>Physical state</u>	Liquid	<u>Appearance</u>	Liquid
<u>Color</u>	Light Ivory to dark Ivory	<u>Odor</u>	Citrus
Odour threshold	No data available		
pH	2.7 < V < 3.5		

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Melting point	Not applicable as product is a liquid
Freezing point	-1 °C
Boiling point	> 100 °C
Flash point	No flash point till boiling point
Evaporation rate	Equal to water
flammability	Non-flammable aqueous preparation
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable
Vapour pressure	4.245 kPa At 30-degree C
Vapour density	No data available
Relative density	1 < V < 1.06 At 25-degree C
Density	1.01 g/cm <sup>3</sup> < V < 1.02 g/cm <sup>3</sup>
Solubility (Water)	Completely soluble in water.
Solubility (Ethanol)	No data available
Solubility (Acetone)	No data available
Solubility (Organic solvents)	No data available
Log KOC - Partition coefficient: n-octanol/water	Not applicable as product is a mixture.
Auto-ignition temperature	Non-flammable
Decomposition temperature	>150-degree C
Kinematic viscosity	No data available
Dynamic viscosity	1.65 mPa.s

### 9.2. - Other information

VOC content	Negligible
Minimum ignition energy	Not applicable
Conductivity	Not relevant

## 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 specific requirements

10.5. - Incompatible materials

Strong oxidizing agents, strong acids

10.6. - Hazardous decomposition products

Does not decompose when used for intended uses.

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## ProAvita® ProDet Pe

### SECTION 11 - Toxicological information

#### 11.1. - Information on toxicological effects

Acute toxicity - Not classified

LD50 oral (rat)	> 5000 mg/kg Wistar rats
LD50 dermal (rat)	> 2000 mg/kg Wistar rats
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)	> 2.12 mg/l Wistar rats

- Based on available data, the product is not classified as acute toxic according to the criteria specified in EU Regulation (EC) 1272/2008 [CLP]

Skin corrosion/irritation - Not classified

Serious eye damage/irritation - Not classified

Respiratory or skin sensitization - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

Specific target organ toxicity - Single exposure - Not classified

Specific target organ toxicity - Repeated exposure - Not classified

Aspiration hazard - Not classified

### SECTION 12 - Ecological information

#### 12.1. - Toxicity

EC50 48 hr crustacea	No data available
LC50 96 hr fish	> 100 mg/l Fresh water fish (Brachydanio rerio)
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

- Based on available data, the product is not classified as acute aquatic toxic according to the criteria specified in EU Regulation (EC) 1272/2008 [CLP]

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### 12.2. - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	137 mg/g
% of biodegradation in 28 days	81 % OECD 301 test method

### 12.3. - Bioaccumulative potential

Bioconcentration factor (BCF)	Not relevant as product is freely water-soluble.
Log KOC - Partition coefficient: n-octanol/water	Not applicable as product is a mixture.

### 12.4. - Mobility in soil

- Not expected to be hazardous as biodegradability is high.

### 12.5. - Results of PBT and vPvB assessment

- Not a PBT

### 12.6. - Other adverse effects

- No known adverse effect

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## SECTION 13 - Disposal considerations

### 13.1. - Waste treatment methods

Appropriate methods of waste treatment - Dispose of waste according to applicable legislation.

Sewage disposal - No specific measures required.

Special precautions for waste treatment - No specific measures required.

Community or national or regional provisions - Not applicable

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## SECTION 14 - Transport information

14.1. - UN  
number Not  
applicable

14.2. - UN proper shipping name - Not applicable

14.3. - Transport hazard class(es) - Not applicable

14.4. - Packing group - Not applicable - Not applicable



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### SECTION 15 - Regulatory information

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

Components in the list of None

Reach candidates

Components in Annex XIV None

Components in Annex XVII None

VOC content Negligible

15.2. - Chemical safety assessment

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

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### SECTION 16 - Other information

#### SDS versions

Version No.	Date of issue	Description of the amendments
1	14 -11-2020	

#### Texts of the regulatory sentences

Not Classified	Not classified
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