

## **ProAvita® ProLD+**

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

#### **1.1. - Product identifier**

Trade name - ProAvita® ProLD+  
Chemical name - Biodegradable Advanced Levelling and Dispersing agent  
Product type - Mixture  
Product code - TX-PLD-01

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

Relevant identified uses of the substance or mixture - Advanced Levelling and Dispersing agent

#### **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 am)

### **SECTION 2 - Hazards identification**

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

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

Not Classified

#### **2.2. - Label elements**

Hazard statements : H320 -Causes mild eye irritation

### **SECTION 3 - Composition/information on ingredients**

#### **3.1. - Substances**

<b>Ingredient</b>	<b>CAS Number</b>	<b>Concentration (%)</b>
Other uncharacterized metabolites from Probiotic Fermentation	CAS Not available	45-55%
Natural Sugar	57-50-1	4-7%
Vegetable Oil Based Emulsifier	CAS Not available	3-5%
Organic Acids Equivalent to Lactic Acid	50 -21-5	1-3%

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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 eyebath or water.<br>- In case of eye irritation consult an ophthalmologist. |
| Measures in case of ingestion         | - Rinse mouth thoroughly with water.<br>- Give plenty of water to drink  |

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

Symptoms and effects after inhalation Symptoms and effects after contact with skin Symptoms and effects after contact with eyes Symptoms and effects after ingestion

- No known symptoms or effects
- No known symptoms or effects
- No known symptoms or effects
- No known symptoms or effects

#### **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   | - 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.

### **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           |

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### **6.2. - Environmental precautions**

- No specific measures required.

### **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

## **SECTION 7 - Handling and storage**

### **7.1. - Precautions for safe handling**

Recommendations - No special technical protective measures are necessary.

Advice on general occupational hygiene - Wash hands before breaks and after work.  
- When using do not eat, drink, sniff.

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

- Ensure adequate ventilation of the storage area.
- Store away from direct sunlight.
- Store in original container in a cool, dry place.

### **7.3. - Specific end use(s)**

- Refer section 1.2

## **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

Environmental exposure controls - Not necessary

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### SECTION 9 - Physical and chemical properties

Physical state Liquid

Appearance	- Liquid
Color	- Light brown to dark brown
Odor	- Sweet, Fermented
Odour threshold	- No data available
pH	- $2.5 < V < 3.5$
Melting point	- Not applicable as product is a liquid
Freezing point	- $-1\text{ }^{\circ}\text{C}$
Boiling point	- $> 100\text{ }^{\circ}\text{C}$
Flash point	- No flash point till boiling point
Evaporation	- 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	- $0.9 < V < 1.06$ ; at 25-degree C
Density	- $1.01\text{ g/cm}^3 < V < 1.02\text{ g/cm}^3$
Solubility (Water)	- Completely soluble in water.
Solubility (Ethanol)	- No data available
Solubility (Acetone)	- No data available
Solubility (Organic solvents)	- No data available
Auto-ignition temperature	- Non-flammable
Decomposition temperature	- $>150\text{-degree C}$
Kinematic viscosity	- No data available
Dynamic viscosity	- 1.45 mPa.s

### SECTION 10 - Stability and reactivity

**10.1. - Reactivity:** This material is 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.

### SECTION 11 - Toxicological information

Acute toxicity (LD50) > 5000 mg/kg rat (oral) ; > 2000 mg/kg rat (dermal)

LC50 inhalation > 2.12 mg/l 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

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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 crustacean	- 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]

**12.2. - Persistence and degradability**

Biochemical oxygen demand (BOD)	- No data available
Chemical oxygen demand (COD)	- 100 mg/g
% of biodegradation in 28 days	- 80%, OECD 301 test method

**12.3. - Bioaccumulate 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
- Not a vPvB

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**12.6. - Other adverse effects**

- No known adverse effect

**SECTION 13 - Disposal considerations**

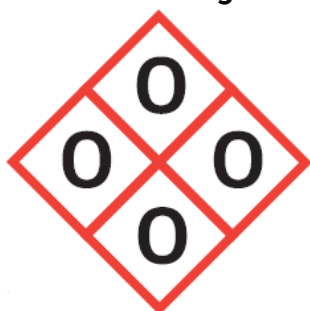
**13.1. - Waste treatment methods**

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

**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
14.5. - Environmental hazards	- Nil
14.6. - Special precautions for user	- Not applicable
14.7. - Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	- Not applicable

**SECTION 15 - Regulatory information**



**SECTION 16 - Other information**

SDS versions

Version No.1 Date of issue: 01/10/2020

Description of the amendments

Texts of the regulatory sentences

Not Classified Not classified

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