

ProAvita® ProExcel SQT

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

1.1. - Product identifier

Trade name - ProAvita® ProExcel SQT
Chemical name - Biodegradable Sequestering agent
Product type - Mixture
Product code - TC-SQT-01

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

Relevant identified uses of the substance or mixture - Advanced Sequestering 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

Ingredient	CAS Number	Concentration (%)
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.
- In case of eye irritation consult an ophthalmologist. |
| Measures in case of ingestion | - Rinse mouth thoroughly with water.
- 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 Ivory to dark Ivory
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	- $0.9 < V < 1.08$; 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	- $1.45\text{ mPa}\cdot\text{s}$

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) > $5000\text{ mg/kg rat (oral)}$; > $2000\text{ mg/kg rat (dermal)}$

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)	- 110 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

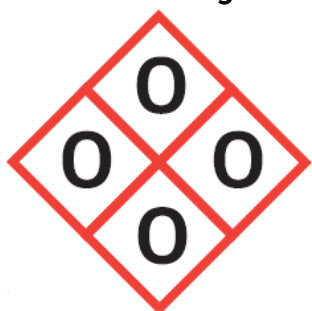
13.1. - Waste treatment methods

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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