

## Technical Data Sheet (TDS)

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|------------------------|--|
| Product Name           | Lavee Solar  |
| Other Names / Synonyms | Lavee  |
| Intended Use           | Cleaning product (for professional and general cleaning applications)                      |
| Supplier               | Lavee Solar Limited, Vicarage Chambers, 9 Park Square East, Leeds, United Kingdom, LS1 2LH |
| Tel.                   | +44 (0)113 4180844   |
| Email                  | <a href="mailto:sales@lavee-solar.com">sales@lavee-solar.com</a>                           |
| Website                | <a href="http://www.lavee-solar.com">www.lavee-solar.com</a>                               |
| Last Revision Date     | 23/05/2025   |
| TDS Version            | 1.0  |

### 1. Product Description

Lavee Solar is a liquid product designed for cleaning solar panels. It is formulated for safe, effective use and is not classified as hazardous under current UK and EU regulations.

### 2. Physical & Chemical Properties

| Property                       | Value / Description   |
|--------------------------------|---|
| Physical State                 | Liquid  |
| Colour                         | Pale Yellow   |
| Odour                          | No data available   |
| pH (10% solution)              | 6.5 - 7.5   |
| Relative Density               | 1.0   |
| Kinematic Viscosity            | 10 – 200 mPa·s  |
| Melting/Freezing Point         | -6°C  |
| Boiling Point                  | 100°C   |
| Vapour Pressure                | 18 mmHg   |
| Solubility in Water            | Soluble   |
| Flash Point                    | No data available   |
| Auto-Ignition Temperature      | No data available   |
| Explosive Properties           | No data available   |
| Partition Coefficient (LogKow) | No data available   |
| Ingredients                    | Demineralised water, Biodegradable chelating agent, Ethoxylated multi-purpose emulsifier, Cationic surfactant, Alcohols, Fragrance. |

### 3. Application & Use

#### Recommended Use:

- General cleaning of solar panel surfaces and surrounding frame. Please refer to our supplementary 'User Guide (Equipment & Application)' for more details.

#### Restrictions:

- Not for uses other than those identified above. Lavee Solar Limited is not responsible for the non-compliance of the application protocol and/or improper use of the product.

### 4. Handling & Storage

#### Handling:

- No special requirements.
- Wash hands after use.
- Avoid smoking, drinking, or eating in the work area.
- Avoid unnecessary exposure and inhalation of vapours.

#### Storage:

- Store in original packaging.
- Store in a cool, dry place. (The product is operationally functional between -3°C and +70°C. Storage outside this range may affect product integrity).
- Protect from sunlight.
- Avoid contact with strong acids, bases, oxidizing agents, and reducing agents.
- Shelf Life: Closed - 2 years, Open – 6 months.

### 5. Stability & Reactivity

- Stability: Stable under recommended storage and handling conditions.
- Incompatible Materials: Strong acids, strong bases, strong oxidizing and reducing agents.
- Hazardous Decomposition: None under normal conditions.

### 6. Toxicological Information

- Acute Toxicity: Not classified as toxic.
- Skin/Eye Irritation: Not classified as irritant.
- Sensitisation: Not classified as sensitising.
- Carcinogenicity/Mutagenicity/Reproductive Toxicity: Not classified.
- Other Effects: No known long-term effects; not identified as an endocrine disruptor.

### 7. Ecological Information

- Ecotoxicity: Not classified as hazardous to the environment.

- Persistence/Degradability: No data indicating persistence or bioaccumulation.
- Mobility: No data available.
- PBT/vPvB: Does not contain substances classified as persistent, bioaccumulate, or toxic.

## 8. Disposal Considerations

- Dispose of product and packaging in accordance with local regulations.
- Packaging containing residues should be disposed of similarly to the product.

## 9. Transport Information

- Not classified as dangerous goods under ADR, IMDG, or IATA.
- No special transport precautions required.

## 10. Personal Protection

- Respiratory Protection: Not required under normal use.
- Hand Protection: Not required under normal use.
- Eye Protection: Safety glasses (EN ISO 16321-1) recommended if splashing is possible.
- Skin Protection: No specific requirements.

## 11. Additional Information

- Product is not subject to special restrictions or training requirements.
- No chemical safety assessment required.
- This TDS is based on current knowledge and is intended for guidance only.

For further information, please contact Lavee Solar Limited.