

# SAFETY DATA SHEET

According to UK REACH Regulation: SI 2019/758



## SECTION 1. IDENTIFICATION

### 1.1 Product identifiers

Product name: **TABS Auto dishwasher tablets (Lavender)**

UFI: X77E-JKPT-220G-7MRA

Chemical description: Detergent

REACH Registrations: The ingredients in this composition have been registered by the individual suppliers

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

Identified uses: Cleaning product.

Uses advised against: All uses not specified in this section or in section 7.3

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

Supplier : ecoLiving Trading Limited  
Unit 12 The Vinery  
Poling Farm  
Arundel Road  
Poling, West Sussex  
BN18 9PY  
Telephone: +44 (0)1892 616871 (Office hours only)  
E-mail address: hello@ecoliving.co.uk

### 1.4 Emergency telephone number

Emergency telephone: 0344 8920555 (National Poisons Information Service) \* Healthcare professionals only  
111 (NHS 111 – UK only)

## SECTION 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Classification according to GB Classification, Labelling and Packaging Regulations  
Eye Irritant Category 2

### 2.2 Label elements

Labelling according to GB Classification, Labelling and Packaging Regulations

Product identifier: Auto dishwasher tablets (Lavender)

Pictogram:



GHS07

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Signal word:

Warning

Hazard statement(s):

H319: Causes serious eye irritation

Precautionary statement(s):

P102: Keep out of reach of children  
P264: Wash hands thoroughly after use  
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue to rinse  
P332 + P313: If skin irritation or a rash occurs: Get medical advice / attention  
P337 + P313: If eye irritation persists: Get medical advice / attention

## 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB), or endocrine disrupting at levels of 0.1% or higher.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Substance

Not applicable

**Mixture** : Hazardous ingredients:

| Chemical name                                                    | Identifier                         | Concentration<br>% w/w | Classification<br>Regulation (EC) No.<br>1272/2008 [CLP]          |
|------------------------------------------------------------------|------------------------------------|------------------------|-------------------------------------------------------------------|
| Sodium percarbonate                                              | CAS: 15630-89-4<br>EC: 239-707-6   | 5-10                   | H272: Ox. Sol. 3<br>H302: Acute Tox. 4<br>H318: Eye Dam. 1        |
| Sodium metasilicate pentahydrate                                 | CAS: 6834-92-0<br>EC: 500-213-3    | 5-10                   | H314: Skin Corr. 1<br>H335: Resp. Irrit. 3                        |
| Sodium carbonate                                                 | CAS: 1334422-09-1<br>EC: 931-513-6 | 2-5                    | H319: Eye Irrit. 2                                                |
| Alcohols, C16-18, Ethoxylated                                    | CAS: 68439-49-6<br>EC: 500-212-8   | 1-5                    | H319: Eye Irrit. 2                                                |
| Alcohols, C12-14, Ethoxylated                                    | CAS: 68439-50-9<br>EC: 500-213-3   | 1-5                    | H302: Acute Tox. 4<br>H318: Eye Dam. 1<br>H412: Aquatic Chronic 3 |
| 3,7-dimethyl-1,6-octadien-3-ol (linalool)<br>Index: 603-235-00-2 | CAS: 78-70-6<br>EC: 201-134-4      | 0.1-0.4                | H317: Skin Sens. 1B                                               |

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## SECTION 4. FIRST AID MEASURES

### Description of first aid measures

|                          |                                                                                                                                                                                                                                            |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| If inhaled:              | Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped administer artificial respiration. Give nothing by mouth. If unconscious place in the recovery position. Seek medical advice if symptoms develop. |
| In case of skin contact: | Remove contaminated clothing, wash skin thoroughly with plenty of water or soap and water. Seek medical advice if irritation develops.                                                                                                     |
| In case of eye contact:  | If substance has got into the eyes, immediately wash out with plenty of water for at least 15 minutes. Protect non-irritated eye. Remove contact lenses if present and easy to do so. Obtain medical attention.                            |
| If swallowed:            | Rinse mouth with water. Do not induce vomiting. Consult a doctor - show the packaging.                                                                                                                                                     |

### 4.2 Most important symptoms and effects, both acute and delayed

Dizziness, drowsiness, headache, vomiting

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

Obtain medical attention in the event of any acute or delayed symptoms. Treat symptomatically.

### Most important symptoms and effects, both acute and delayed

Ingestion: stomach ache, nausea.

Eye contact: Eye irritation, pain, possible burning and redness.

Skin contact: There may be irritation and redness.

Other routes of exposure: No known significant effects or critical hazards with the correct use of the product.

### Indication of any immediate medical attention and detailed treatment needed

Stomach ache, nausea, eye irritation that persists, skin irritation

## SECTION 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

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Suitable extinguishing media: Dry chemical, water spray, foam, carbon dioxide.  
As appropriate for surrounding materials  
Unsuitable extinguishing media Water jet – may spread fire

## 5.2 Special hazards arising from the substance or mixture

Thermal decomposition will evolve irritant vapours. Oxidiser.

## 5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

|                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>6.1 Personal precautions, protective equipment and emergency procedures</b>                                                                                                                     |
| Wear gloves and eye protection                                                                                                                                                                     |
| <b>6.2 Environmental precautions</b>                                                                                                                                                               |
| Minimise contamination of drains, surface- and ground waters. Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body                            |
| <b>6.3 Methods and materials for containment and cleaning up</b>                                                                                                                                   |
| Solid: Shovel or sweep up product and transfer to suitably labelled container for recovery or disposal.<br>Solution: Absorb spillage in inert material. Transfer to sealed container for disposal. |
| <b>6.4 Reference to other sections</b>                                                                                                                                                             |
| See Sections: 8 (EXPOSURE CONTROL) and 13 (DISPOSAL CONSIDERATIONS)                                                                                                                                |

## SECTION 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Precautions: No specific protective measures are required  
Fire and explosion protection measures Keep away from heat and flames.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers Store in the original closed packaging at room temperature under dry conditions.  
Shelf life: 36 months  
Incompatible products: Acids, Bases, Strong reducing agents, Finely powdered metals

### 7.3 Specific end use(s):

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

**WEL: Workplace Exposure Limit (UK HSE EH40)**

The product has no components with a specified occupational exposure limit value.

**Biological Exposure Limits:** No data available

**DNEL:** No data available

**PNEC:** No data available

**Information on monitoring procedures:**

Recommended monitoring procedures: Not applicable

### 8.2 Exposure controls

**Individual protection measures, such as personal protective equipment:**

|                                      |                                                                                                                                                                       |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Engineering controls                 | No specific requirements                                                                                                                                              |
| General safety and hygiene measures: | Observe the general principles of safety and hygiene. Do not eat, drink or smoke while working.<br>Wash your hands thoroughly before breaks and after finishing work. |
| Respiratory protection:              | It is not required during the intended use.                                                                                                                           |
| Hand protection:                     | Impervious plastic or rubber gloves – Nitrile, butyl, PVC, Viton. Breakthrough time 480 minutes                                                                       |
| Eye/face protection:                 | Safety glasses with side shield or chemical safety goggles (EN166) to prevent eye contact. Have available eyewash bottle with clean water.                            |
| Body/skin protection:                | For continuous handling, or handling of damp product, wear impervious gloves and clothing to prevent skin contact.                                                    |
| Control of environmental exposure:   | Do not allow large quantities of product to enter ground water, sewage system, sewage or soil.                                                                        |

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

|                                  |                                                   |
|----------------------------------|---------------------------------------------------|
| (a) Appearance                   | Off-white tablet                                  |
| (b) Odour                        | Slight                                            |
| (c) Odour Threshold              | Not determined                                    |
| (d) pH                           | 10-11 (10% solution in water)                     |
| (e) Melting point/freezing point | Not applicable. Test not scientifically justified |

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|                                                 |                                                                                  |
|-------------------------------------------------|----------------------------------------------------------------------------------|
| (f)Initial boiling point and boiling range      | Not applicable. Test not scientifically justified                                |
| (g)Flash point                                  | Not applicable. Test not scientifically justified                                |
| (h)Evaporation rate                             | Not applicable. Test not scientifically justified                                |
| (i)Flammability (solid, gas)                    | Not applicable. Test not scientifically justified                                |
| (j)Upper/lower flammability or explosive limits | Not applicable. Test not scientifically justified                                |
| (k)Vapour pressure                              | Not applicable. Test not scientifically justified                                |
| (l)Vapour density                               | Not applicable. Test not scientifically justified                                |
| (m)Density                                      | Not available                                                                    |
| (n) Water solubility                            | Soluble in water                                                                 |
| (o)Partition coefficient: n-octanol/water       | Not applicable. Test not scientifically justified                                |
| (p)Auto-ignition temperature                    | Not applicable. Test not scientifically justified                                |
| (q)Decomposition temperature                    | Not applicable. Test not scientifically justified                                |
| (r)Viscosity                                    | Not applicable                                                                   |
| (s)Explosive properties                         | Product does not contain any structural groups that possess explosive properties |
| (t)Oxidizing properties                         | Product contains peroxide oxidising agent                                        |

**9.2 Other safety information:** No additional information available.

## SECTION 10. STABILITY AND REACTIVITY

**10.1 Reactivity:** The product has low reactivity. Does not undergo hazardous polymerization.

**10.2 Chemical stability:** The product is stable when used properly and stored.

**10.3 Possibility of hazardous reactions:** No hazardous reactions known

**10.4 Conditions to avoid:** None known

**10.5 Incompatible materials:** Acids, Bases, Strong reducing agents, Finely powdered metals

**10.6 Hazardous decomposition products:** None known

## SECTION 11. TOXICOLOGICAL INFORMATION

### Mixture

#### Acute toxicity

|              |                  |
|--------------|------------------|
| Ingestion    | ATE > 2000 mg/kg |
| Inhalation   | ATE > 20 mg/L    |
| Skin contact | ATE > 5000 mg/kg |

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|                                                                |                                                                  |
|----------------------------------------------------------------|------------------------------------------------------------------|
| <b>Skin corrosion/irritation</b>                               | Based on available data, the classification criteria are not met |
| <b>Serious eye damage/irritation</b>                           | May cause serious eye irritation                                 |
| <b>Sensitisation</b>                                           | Based on available data, the classification criteria are not met |
| <b>Carcinogenicity</b>                                         | Based on available data, the classification criteria are not met |
| <b>Mutagenicity</b>                                            | Based on available data, the classification criteria are not met |
| <b>Reproductive toxicity</b>                                   | Based on available data, the classification criteria are not met |
| <b>Lactation</b>                                               | Based on available data, the classification criteria are not met |
| <b>STOT (Specific Target Organ Toxicity) Single exposure</b>   | Based on available data, the classification criteria are not met |
| <b>STOT (Specific Target Organ Toxicity) Repeated exposure</b> | Based on available data, the classification criteria are not met |
| <b>Aspiration toxicity</b>                                     | Based on available data, the classification criteria are not met |

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Aquatic toxicity (Product)

|                |              |
|----------------|--------------|
| Fish           | ATE > 1 mg/L |
| Daphnia magna. | ATE > 1 mg/L |
| Algae          | ATE > 1 mg/L |

The classification criteria for aquatic toxicity are not met according to the methods and formulas of the Classification, Labelling and Packaging Regulation (as amended) (See Section 15)

### 12.2 Persistence and degradability

Organic ingredients are biodegradable in water

### 12.3 Bioaccumulative potential

The product has no potential for bioaccumulation.

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

### 12.6 Other adverse effects: None known

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## SECTION 13. DISPOSAL CONSIDERATIONS

Domestic quantities can normally be disposed of to the sewer if diluted with plenty of water. Do not dispose of to a septic tank. Professional use : Depending on the application, the waste code should be assigned individually. Consult an accredited waste disposal contractor or the local authority for advice.

## SECTION 14. TRANSPORT INFORMATION

|                                      |                                                                     |
|--------------------------------------|---------------------------------------------------------------------|
| <b>UN number</b>                     | The product is not dangerous for road, rail, sea and air transport. |
| <b>UN proper shipping name</b>       | Not applicable                                                      |
| <b>Transport hazard class (es)</b>   | Not applicable                                                      |
| <b>Packaging group</b>               | Not applicable                                                      |
| <b>Environmental hazards</b>         | Not applicable                                                      |
| <b>Special precautions for users</b> | Not applicable                                                      |

Transport in bulk according to Annex II of MARPOL and the IBC Code : Not applicable

## SECTION 15. REGULATORY INFORMATION

**Safety, health and environmental regulations specific for the substance or mixture:**

|                                                                                                            |                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b> | GB Classification, Labelling and Packaging Regulations (EC 1272/2008 as amended by The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc) (EU Exit) Regulations 2019 No. 720 Schedule 2) |
|                                                                                                            | Regulation (EC) No 648/2004 on detergents as implemented by The European Union Withdrawal Act 2018                                                                                                                                     |
| <b>15.2 Chemical Safety Assessment</b>                                                                     | For this product a chemical safety assessment was not carried out                                                                                                                                                                      |

## SECTION 16. OTHER INFORMATION

**The following sections contain revisions or new statements:** All – new product

### Abbreviations

|             |                                    |
|-------------|------------------------------------|
| <b>DNEL</b> | Derived No Effect Level            |
| <b>LTEL</b> | Long Term Exposure Limit (8 hours) |
| <b>PNEC</b> | Predicted No-Effect Concentration  |

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|             |                                          |
|-------------|------------------------------------------|
| <b>PBT</b>  | Persistent, Bioaccumulative and Toxic    |
| <b>STEL</b> | Short Term Exposure Limit (15 minutes)   |
| <b>UFI</b>  | Unique Formulation Identifier            |
| <b>vPvB</b> | very Persistent and very Bioaccumulative |

## Mixtures classification methods:

The product has been classified according to the generic concentration limits defined in the Classification, Labelling and Packaging Regulations and the ECHA guidance notes for the classification of mixtures.

## Full text of H-Statements referred to under Section 2 and Section 3.

### Section 2:

#### **H319: Causes serious eye irritation**

### Section 3:

*H272: May intensify fire: OXIDISER*

*H302: Harmful if swallowed*

*H314: Causes severe skin burns and eye damage*

*H315: Causes skin irritation*

*H317: May cause an allergic skin reaction*

*H318: Causes serious eye damage*

*H335: May cause respiratory irritation*

*H412: Harmful to aquatic life with long-lasting effects*

## References:

European Chemicals Agency  
UK and European Regulations and Directives  
Published chemical directories  
Suppliers' safety data sheets  
UK Health and Safety Executive

The information contained in this Safety Data Sheet has been based on sources and technical knowledge as well as applicable law at European and national level, and its accuracy cannot be fully guaranteed. This information cannot be regarded as a guarantee of product properties, as it is only a description of the requirements regarding safety issues. The methods and working conditions of the users of this product are beyond the reach of our knowledge and control, so the user is responsible for taking appropriate measures to comply with legal requirements regarding the handling, storage, use and disposal of chemical products. The information contained in this Safety Data Sheet applies only to the product that must not be used for purposes other than those specified therein.