

SAFETY DATA SHEET

According to UK REACH Regulation: SI 2019/758



SECTION 1. IDENTIFICATION

1.1 Product identifiers

Product name:	TABS Auto dishwasher tablets Fragrance Free
UFI:	CQ6E-HKJE-720H-8K7X
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

<i>Emergency telephone:</i>	0344 8920555 (National Poisons Information Service) * Healthcare professionals only 111 (NHS 111 – UK only)
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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
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Pictogram:



Signal word:

GHS07
Warning

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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 % w/w	Classification Regulation (EC) No. 1272/2008 [CLP]
Sodium percarbonate	CAS: 15630-89-4 EC: 239-707-6	5-10	H272: Ox. Sol. 3 H302: Acute Tox. 4 H318: Eye Dam. 1
Sodium metasilicate pentahydrate	CAS: 6834-92-0 EC: 500-213-3	5-10	H314: Skin Corr. 1 H335: Resp. Irrit. 3
Sodium carbonate	CAS: 1334422-09-1 EC: 931-513-6	2-5	H319: Eye Irrit. 2
Alcohols, C16-18, Ethoxylated	CAS: 68439-49-6 EC: 500-212-8	1-5	H319: Eye Irrit. 2
Alcohols, C12-14, Ethoxylated	CAS: 68439-50-9 EC: 500-213-3	1-5	H302: Acute Tox. 4 H318: Eye Dam. 1 H412: Aquatic Chronic 3

SECTION 4. FIRST AID MEASURES

Description of first aid measures

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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

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

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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

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

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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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. 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
(f) Initial boiling point and boiling range	Not applicable. Test not scientifically justified

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(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

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Skin contact	ATE > 5000 mg/kg
Skin corrosion/irritation	Based on available data, the classification criteria are not met
Serious eye damage/irritation	May cause serious eye irritation
Sensitisation	Contains Citral, Limonene. May produce an allergic skin reaction
Carcinogenicity	Based on available data, the classification criteria are not met
Mutagenicity	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
Lactation	Based on available data, the classification criteria are not met
STOT (Specific Target Organ Toxicity) Single exposure	Based on available data, the classification criteria are not met
STOT (Specific Target Organ Toxicity) Repeated exposure	Based on available data, the classification criteria are not met
Aspiration toxicity	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.

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12.6 Other adverse effects: None known

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

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

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	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
15.2 Chemical Safety Assessment	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

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DNEL	Derived No Effect Level
LTEL	Long Term Exposure Limit (8 hours)
PNEC	Predicted No-Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
STEL	Short Term Exposure Limit (15 minutes)
UFI	Unique Formulation Identifier
vPvB	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

EUH208: Contains Citral, Limonene. May produce an allergic reaction

Section 3:

H226: Flammable liquid and vapour

H272: May intensify fire: OXIDISER

H302: Harmful if swallowed

H304: May be fatal if swallowed and enters airways

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

H400: Very toxic to aquatic life

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.