



# Marks & Spencer Homecare Product Ingredients and Safety Data Sheet

Product: All in 1 Dishwasher Tablets

Version: 1

Date: 18/07/2018

## 1. Identification of Substance/Mixture and of the company undertaking

**1.1 Product Name:** All in 1 Dishwasher Tablets

**UPC:** 188128

**Series Number:**

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

Identified Use(s): Use detergent in dishwasher tablets for household.

Uses Advised Against: None advised.

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

#### Manufacturer

Company Identification: Solent International Ltd  
Address of Manufacturer: 16 Queens Avenue  
Postal Code: BH23 1BZ  
Telephone: 01202 490500  
Fax: N/A  
E-mail: [support@solentgroup.co.uk](mailto:support@solentgroup.co.uk)  
Office hours: 09:00 – 17:30 (Mon – Fri)

#### Supplier

Company Identification: Marks and Spencer PLC  
Address of Supplier: Waterside House  
35 Wharf Road  
London  
Postal Code: W2 1NW  
Telephone: 00 44 (0)1342 870900



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## 1.3. Emergency telephone number

01342 870900

NPIS Ireland only 01 8092 166

+00 448 706 006 266 NHS Direct – 0845 4647 or 111

## 2. Hazard Identification

### 2.1. Classification of the substance or mixture

The product is classified as hazardous under the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments). The product thus requires a safety data sheet complies with the provisions of Regulation (EC) 1907/2006 and subsequent amendments. Further information on the risks to health and / or environmental hazards can be found in sections. 11 and 12 of this sheet.

### 2.2. Label elements

According to Regulation (EC) No. 1272/2008 (CLP)

Product Name: All in 1 Dishwasher Tablets



Hazard Pictogram(s):

Signal Word(s): Warning.

Hazard Statement(s): H319 Causes serious eye irritation.

EUH 208 Contains subtilisin: may cause allergic reactions

Precautionary Statement(s): P101 If medical advice is needed, please have the product container or label

P102 Keep out of reach of children.

P280 Protect your eyes and face.

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. P337 + P313 attention if irritation of the eyes persists, get medical advice/attention.



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### 2.3. Other hazards

Not known.

## 3. Composition / Information on Ingredients

Name	CAS No	EC No	Classification EC 1272/2008	Function	Concentration in product (range) (%)
Sodium citrate	6132-04-3	200-675-3	Not classified		10+
Sodium carbonate	497-19-8	207-838-8	Eye Irrit. 2 H319		10+
Sodium carbonate peroxide	15630-89-4	239-707-6	Ox. Sol. 3 H272, Acute Tox. 4 H302, Eye Dam. 1 H318		1-10
Trisodium dicarboxymethyl alaninate	164462-16-2	N/A	Not classified		1-10
Sodium sulfate	7647-14-5	231-598-3	Not classified		1-10
Acrylic/sulphonic acid copolymer	N/A	N/A	Not classified		1-10
TetraAcetyl ethylene diamine	10543-57-4	234-123-8	Not classified		1-10
Citric acid	5949-29-1	201-069-1	Eye Irrit. 2 H319		1-10
Sodium bicarbonate	144-55-8	205-633-8	Not classified		1-10
Sodium polyacrylate	9003-04-7	N/A	Not classified		1-10



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Modified fatty alcohol polyglycolether	1667 36- 08-9	N/A	Eye Irrit. 2 H319, Skin Irrit. 2 H315		1-10
Sodium silicate	1344 -09-8	215- 687-4	Eye Irrit. 2 H319, Skin Irrit. 2 H315, STOT SE 3 H335		1-10
Ceteareth-16-18	6843 9-49- 6	N/A	Not classified		1-10
Benzotriazole	95- 14-7	202- 394-1	Not classified		0.1-1
Subtilisin	9014 -01-1	232- 752-2	Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335, Resp. Sens. 1 H334, Aquatic Acute 1 H400 M=1, Aquatic Chronic 2 H411		0.1-1
Zinc sulphate	744- 20-0	231- 793-3	Acute Tox. 4 H302, Eye Dam. 1 H318, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1		0.1-1
Sodium metasilicate pentahydrate	1021 3-79- 3	N/A	Not classified		0.1-1
Alfa amylase	9000 -90-2	N/A	Not classified		0.1-1
Bentonite	1302 -78-9	215- 108-5	Not classified		0.1-1



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BIODAC 232	N/A	N/A	Not classified		0.1-1
Parfum	N/A	N/A	Not classified		<0.1
Acid Blue 74 Aluminium Lake (E132)	1652 1-38- 3	240- 589-3	Not classified		<0.1

Further Ingredient information is available

here: [http://uk.cleanright.eu/index.php?option=com\\_content&task=view&id=80&Itemid=111](http://uk.cleanright.eu/index.php?option=com_content&task=view&id=80&Itemid=111)

## 4. First Aid Measures

### 4.1. Description of first aid measures

Inhalation	Call a physician immediately. Bring to fresh air, away from the accident site. If breathing has stopped, administer artificial respiration. Take adequate precautions for the rescuer.
Skin Contact	Take off contaminated clothing. Take a shower immediately. Consult physician immediately.
Eye Contact	Remove contact lenses. Wash immediately with plenty of water for at least 30-60 minutes, opening her eyes. Consult physician immediately
Ingestion	Make drink water as much as possible. Consult physician immediately. Do not induce vomiting unless expressly authorized by the doctor.

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

For symptoms and effects caused by the contained substances see chap. 11.

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

Information not available.

## 5. Fire Fighting Measures

### 5.1. Extinguishing media

Suitable Extinguishing media: The fire fighting to the conventional kind: carbon dioxide, foam, powder and nebulised water

Unsuitable extinguishing media: None in particular.



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### 5.2. Special hazards arising from the substance or mixture

Avoid breathing products of combustion

### 5.3. Advice for firefighters

Cool by spraying with water the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention. Collect extinguishing water to prevent it from draining into the drain. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

EQUIPMENT Normal clothing to fight the fire, like a compressed air breathing apparatus open circuit (EN 137), complete with flame retardant (EN469), fire resistant gloves (EN 659) and boots Firefighter (HO A29 or A30).

## 6. Accidental Release Measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid formation of dust spraying the product with water if there are no contraindications. Avoid breathing vapors / mists / gas. Wear suitable protective equipment (including personal protective equipment referred to in section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These guidelines apply to both clerks who work for the emergency interventions.

### 6.2. Environmental precautions

Prevent product from entering the sewers, surface water, ground water.

### 6.3. Methods and material for containment and cleaning up

Pick up mechanically sparking the leaked product and place in containers for recovery or disposal. Eliminate the remainder using jets of water if there are no contraindications. Ensure adequate ventilation of the area affected by the loss. Check the incompatibilities for the container material in section 7. The disposal of contaminated material must be in compliance with the provisions of section 13.

### 6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

## 7. Handling & Storage

### 7.1. Precautions for safe handling

Handle the product after consultation with all other sections of this sheet. Avoid dispersal of the environment. Do not eat, drink or smoke while handling it. Remove contaminated clothing and protective equipment before entering areas in which food is consumed.



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

Storage temperature: Ambient.

Storage life: Store only in the original container. Store closed containers in a well-ventilated area, away from direct sunlight.

Incompatible materials: None anticipated.

## 7.3. Specific end use(s)

# 8. Exposure Controls & Personal Protection

## 8.1. Control parameters

### General Information

#### Hand protection

No measures required.

#### Skin Protection

No measures required.

#### Eye protection

Not normally required.

#### Respiratory

No personal respiratory protective equipment normally required.

## 8.2. Exposure controls

### Occupational Exposure Limit

# 9. Physical & Chemical Properties

## 9.1. Information on basic physical and chemical properties

### Appearance

Solid

White/Blue

### Odour

Lemon

## 9.2. Other information

# 10. Stability & Reactivity

## 10.1. Reactivity



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There are no particular risks of reaction with other substances in normal conditions of use

### 10.2. Chemical stability

The product is stable in normal conditions of use and storage.

### 10.3. Possibility of hazardous reactions

In normal conditions of use and storage no dangerous reactions are predictable.

### 10.4. Conditions to avoid

None in particular. However the usual precautions against chemicals.

### 10.5. Incompatible materials

Information not available.

### 10.6. Hazardous decomposition products

Information not available.

## 11. Toxicological Information

### 11.1. Information on toxicological effects

Acute toxicity – Ingestion: Ingestion may cause health disorders, including stomach pain and sting, nausea and vomiting.

Serious eye damage/irritation: contact with eyes causes irritation

## 12. Ecological Information

### 12.1. Toxicity

Toxicity – Aquatic invertebrates Low toxicity to invertebrates

Toxicity – Fish Low toxicity to fish

Toxicity – Algae Low toxicity to algae.

Toxicity – Sediment compartment No data

Toxicity – Terrestrial compartment No data

### 12.2. Persistence and degradability

Biodegradation: Not Available.

### 12.3. Bioaccumulative potential

Not known.

### 12.4. Mobility in soil





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Mixture: Soluble in water. The product is predicted to have high mobility in soil

### 12.5. Results of PBT and vPvB assessment

Based on the available data, the product does not contain PBT or vPvB percentage greater than 0.1%.

### 12.6. Other adverse effects

None.

## 13. Disposal

### 13.1. Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorized waste management, in compliance with national and local regulations. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

Recover if possible. To dispose of the product or containers uncleaned / reclaimed ask to companies expressly authorized to the management of waste (recovery or disposal of hazardous waste). Containers cleaned / decontaminated should be disposed of / recovered as special waste. Never discharge the product into surface water or groundwater. Where applicable, refer to the following regulatory provisions: 91/156 / EEC, 91/689 / EEC, 94/62 / EC and subsequent adjustment.

## 14. Transport Information

Not classified as hazardous for transport.

### 14.1. UN number

### 14.2. UN proper shipping name

### 14.3. Transport hazard class(es)

### 14.4. Packing group



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### 14.5. Environmental hazards

### 14.6. Special precautions for user

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

## 15. Regulatory Information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Authorisations and/or restrictions on use

Candidate List of Substances of Very High Concern for Authorisation: Not listed

REACH: ANNEX XIV list of substances subject to authorisation: Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: Not listed

Community Rolling Action Plan (CoRAP): Not listed

Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants: Not listed

Regulation (EC) N° 2037/2000 on substances that deplete the ozone layer: Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals: Not listed

### 15.2. Chemical safety assessment

Not applicable

## 16. Other Information

LEGEND:

CAS : Chemical Abstracts Service

CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

DNEL : Derived No Effect Level

EC : European Community



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EINECS : European Inventory of Existing Commercial Chemical Substances

LTCL : Long Term Exposure Limit

PBT : Persistent, Bioaccumulative and Toxic

PNEC : Predicted No Effect Concentration

REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals

STEL : Short Term Exposure Limit

STOT : Specific Target Organ Toxicity

vPvB : very Persistent and very Bioaccumulative

## HAZARD STATEMENTS:

H225: Highly flammable liquid and vapour.

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

H371: May cause damage to organs.

H400: Very toxic to aquatic life.

## Hazard pictogram(s)

GHS02



GHS07



GHS05



GHS08



GHS09



## Disclaimers:

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular



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