

# Marks & Spencer Homecare Products Ingredients and Safety Data Sheet

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

**Product Name:** All in one Lemon Dishwasher Tablets 22 Tablets

**UPC:** M00897495S

**Series Number:** 1

## 2. Hazard Identification

**Human:** In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

Serious eye damage (Xi, R 41). May produce an allergic reaction. This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site. This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

**Safety:** R 41 Risk of serious damage to eyes. S2 Keep out of reach of children. S25 Avoid contact with eyes. S26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice. S46 If swallowed seek medical advice immediately and show this container or label. This product should be used only in a dishwasher.

**Ecological:** Other hazards In use, may form flammable/explosive dust-air mixture.

## Composition / Information On Ingredients

Substances : No substances fulfil the criteria set forth in annexe II section A of the REACH regulation (EC) n° 1907/2006.

Identification	(EC) 1272/2008	67/548/EEC	Note	%
CAS: 497-19-8 EC: 207-838-8 REACH: 01-2119485498-19-0000 SODIUM CARBONATE	GHS07 Wng Eye Irrit. 2, H319	Xi Xi;R36	25 <= x % < 50	
CAS: 15630-89-4 EC: 239-707-6 REACH: 01-2119457268-30-0000 NA PERCARBONATE	GHS07, GHS05 Dgr Acute Tox. 4, H302 Eye Dam. 1, H318	Xn Xn;R22 Xi;R41	10 <= x % < 25	
CAS: 3794-83-0 EC: 223-267-7 TETRASODIUM (1-HYDROXY-ETHYLIDENE) BISPHOSPHONATE	GHS07 Wng Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319	Xn Xn;R22 Xi;R36/38	0 <= x % < 2.5	

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CAS: 9014-01-1 EC: 232-752-2 REACH: 01-2119480434-38-0000 SUBTILISIN	GHS08 Dgr Resp. Sens. 1, H334	Xn Xn;R42	0 <= x % < 2.5
CAS: 557-34-6 EC: 209-170-2 ZINC ACETATE Eye Irrit. 2, H319 Aquatic Chronic 1, H410	GHS07, GHS09 Wng Acute Tox. 4, H302 N;R50/53	Xn,N Xn;R22 Xi;R36	0 <= x % < 2.5
CAS: 5989-27-5 EC : 227-813-5 LIMONENE	Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Xi Xi ;R10 Xi ;R43 Xi;R38 N;R50/53	0 <= x % < 2,5

## 4. First Aid Measures

**Ingestion:** In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. Keep the person exposed at rest. Do not force vomiting. Seek medical attention, showing the label. If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

**Skin Contact :** Watch out for any remaining product between skin and clothing, watches, shoes, etc.

**Eye Contact :** Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.

Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

**Inhalation :** No data available

## 5. Fire Fighting Measures

**Extinguishing media, Suitable methods of extinction**

**In the event of a fire, use :**

- sprayed water or water mist
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO2)

**Unsuitable methods of extinction**

**In the event of a fire, do not use :**

- water jet

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#### **Special hazards arising from the substance or mixture**

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke. **In the event of a fire, the following may be formed :**

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

#### **Advice for firefighters**

No data available.

## **6. Accidental Release Measures**

**Personal precautions, protective equipment and emergency procedures:** Consult the safety measures listed under headings 7 and 8.

**For non fire-fighters:** Avoid any contact with the skin and eyes.

**For fire-fighters:** Fire-fighters will be equipped with suitable personal protective equipment (See section 8).

**Environmental precautions:** Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Prevent any material from entering drains or waterways.

**Methods and material for containment and cleaning up:** No data available.

**Reference to other sections:** No data available.

## **7. Handling & Storage**

**Storage:** Keep the container tightly closed in a dry, well-ventilated place

**Handling:** Always wash hands after handling. Remove and wash contaminated clothing before re-using. Emergency showers and eye wash stations will be required in facilities where the mixture is handled constantly.

## **8. Exposure Controls & Personal Protection**

**General Information:** : None during normal use. Avoid prolonged contact

**Hand protection:** None during normal use. Avoid prolonged contact

**Skin Protection:** : None during normal use. Avoid prolonged contact

**Eye protection:** - : None during normal use. Avoid prolonged contact

**Respiratory:** : None during normal use. Avoid prolonged contact

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## Occupational Exposure Limits:

- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
9014-01-1		0.04 Åg/m3	-	-	-

## 9. Physical & Chemical Properties

**Appearance:** No data available.

**Odour:** No data available.

## 10. Stability & Reactivity

**Reactivity:** No data available.

**Chemical stability:** This mixture is stable under the recommended handling and storage conditions in section 7. Possibility of hazardous reactions: When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

**Conditions to avoid:** **Avoid** :- formation of dusts Dusts can form an explosive mixture with air.

**Incompatible materials:** Keep away from : Hazardous decomposition products . The thermal decomposition may release/form : - carbon monoxide (CO) - carbon dioxide (CO2)

## 11. Toxicological Information

**Information on toxicological effects.** Exposure to vapours from solvents in the mixture in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness. May have irreversible effects on the eyes, such as tissue damage in the eye, or serious physical decay of sight, which is not fully reversible by the end of observation at 21 days. Serious eye damage is typified by the destruction of cornea, persistent corneal opacity and iritis.

**Substances:** No toxicological data available for the substances. Acute toxicity : Skin corrosion/skin irritation :Serious damage to eyes/eye irritation :Respiratory or skin sensitisation :Germ cell mutagenicity :Carcinogenicity :Reproductive toxicant : Specific target organ systemic toxicity - single exposure : Specific target organ systemic toxicity - repeated exposure : Aspiration hazard :

**Mixture** Acute toxicity : Skin corrosion/skin irritation :Serious damage to eyes/eye irritation :Respiratory or skin sensitisation Contains at least one sensitising substance. May cause an allergic reaction. Germ cell mutagenicity : Carcinogenicity : Reproductive toxicant : Specific target organ systemic toxicity - single exposure : Specific target organ systemic toxicity - repeated exposure - Aspiration hazard : Symptoms related to the physical, chemical and toxicological characteristics Delayed and immediate effects as well as chronic effects from short and long-term exposure Interactive effects, Absence of specific data Mixture versus substance information

## 12. Ecological Information

Toxicity Substances: No aquatic toxicity data available for the substances.

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Mixtures: No aquatic toxicity data available for the mixture.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Results of PBT and vPvB assessment: No data available.

Other adverse effects: No data available.

## 13. Disposal

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

**Waste treatment methods:** Do not pour into drains or waterways.

**Waste :** Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment. Soiled packaging : Empty container completely. Keep label(s) on container. Give to a certified disposal contractor. Local arrangements : Codes of wastes (Decision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste) :

## 14. Transport Information

Exempt from transport classification and labelling.

## 15. Regulatory Information

**Safety, health and environmental regulations/legislation specific for the substance or mixture - Particular provisions :** No data available.

- Labelling for detergents (EC Regulation No. 648/2004, 907/2006) :

- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704) :

**Chemical safety assessment:** No data available.

## 16. Other Information

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

**Title for H, EUH and R indications mentioned in section 3 :**

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

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H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
R10	flammable
R 22	Harmful if swallowed.
R 36	Irritating to eyes.
R 36/38	Irritating to eyes and skin.
R 41	Risk of serious damage to eyes.
R 42	May cause sensitization by inhalation.
R 43	May cause sensitization by skin contact.
R 50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Abbreviations :

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

**Disclaimer:**

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