

SAFETY DATA SHEET

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name

Tesco Limescale Prevention Tablets

Product No.0018002072

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

Identified uses:

For treating or cleaning laundry

Uses advised against:

1.3 Details of the supplier of the safety data sheet

Manufacturer

McBRIDE FOETZ (CHEMOLUX)

Rue de l'industrie

3895 FOETZ

LUXEMBOURG

Telephone: + 35 2574 8491

Fax: + 35 257 484 9203

Website: <http://www.detergentinfo.com>

E-mail: product.legislation@mcbride.eu

1.4 Emergency telephone number: +352 8002 5500

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has been classified according to the legislation in force.

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567

Health Hazards

Serious eye irritation

Category 2

H319: Causes serious eye irritation.

2.2 Label Elements



Signal Word: Warning

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

Precautionary Statements

General advice: P101: If medical advice is needed, have product container or label at hand.
 P102: Keep out of reach of children.

Prevention: P264: Wash hands thoroughly after handling.

Response: P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313: If eye irritation persists: Get medical advice/attention.

2.3 Other hazards

PBT/vPvB data

Based on available data, the classification criteria are not met.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
CITRIC ACID	10 - <20%	77-92-9	201-069-1	01-2119457026-42;	No data available.	
SODIUM CARBONATE	5 - <10%	497-19-8	207-838-8	01-2119485498-19;	No data available.	
PARAFFINUM LIQUIDUM	1 - <10%		232-455-8	01-2119487078-27;	No data available.	#

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

This substance has workplace exposure limit(s).

This substance is listed as SVHC.

Classification

Chemical name	Classification	Notes
CITRIC ACID	Classification: Eye Irrit.: 2A: H319; STOT SE: 3: H335; Supplemental label information: None known.	No data available.
SODIUM CARBONATE	Classification: Eye Irrit.: 2: H319; Supplemental label information: None known.	No data available.

PARAFFINUM LIQUIDUM	Classification: Asp. Tox.: 1: H304; Supplemental label information: None known.	No data available.
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CLP: Regulation No. 1272/2008.
 The full text for all H-statements is displayed in section 16.

SECTION 4: First aid measures

4.1 Description of necessary first-aid measures

Inhalation:	Move to fresh air.
Skin Contact:	Flush skin thoroughly with water.
Eye contact:	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if irritation persists after washing.
Ingestion:	Rinse mouth thoroughly. Do NOT induce vomiting. Seek medical attention.
Personal Protection for First-aid Responders:	No data available.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms:	Mildly irritating to skin with prolonged exposure. Causes serious eye irritation.
Hazards:	No special precautionary health measures should be needed under anticipated conditions of use.

4.3 Indication of immediate medical attention and special treatment needed

Treatment:	Get medical attention if symptoms occur.
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SECTION 5: Firefighting measures

General Fire Hazards: No unusual fire or explosion hazards noted.

5.1 Extinguishing media

Suitable extinguishing media:	Extinguish with foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media:	Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture: During fire, gases hazardous to health may be formed.

5.3 Advice for firefighters

Special fire-fighting procedures: Wear self-contained breathing apparatus and protective clothing.

Special protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures:** Avoid contact with eyes and prolonged or repeated contact with skin.
- 6.1.1 For non-emergency personnel:** See Section 8 of the SDS for Personal Protective Equipment.
- 6.1.2 For emergency responders:** No data available.
- 6.2 Environmental Precautions:** Avoid release to the environment. Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.
- 6.3 Methods and material for containment and cleaning up:** Avoid dust formation. Sweep or scoop up and remove.
- 6.4 Reference to other sections:** No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Technical measures (e.g. Local and general ventilation): No data available.

Safe handling advice: Provide adequate ventilation. Avoid contact with eyes. Avoid contact with skin. No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals. Use only as directed.

Contact avoidance measures: No data available.

7.2 Conditions for safe storage, including any incompatibilities

Safe storage conditions: Store away from incompatible materials. Store in original tightly closed container.

Safe packaging materials: No data available.

7.3 Specific end use(s): For treating or cleaning laundry

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Occupational Exposure Limits

Chemical name	Type	Exposure Limit Values	Source
MICROCRYSTALLINE CELLULOSE - Respirable dust.	TWA	4.000000 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
MICROCRYSTALLINE CELLULOSE - Inhalable dust.	TWA	10.000000 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
MICROCRYSTALLINE CELLULOSE - Inhalable dust.	STEL	20.000000 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)

Please refer to the latest edition of the appropriate source text and consult an industrial hygienist or similar professional, or local agencies, for further information.

Biological Limit Values

No biological exposure limits noted for the ingredient(s).

8.2 Exposure controls

Appropriate Engineering Controls: No data available.

Individual protection measures, such as personal protective equipment

Eye/face protection:	Use approved safety goggles or face shield.
Hand Protection:	Material: Use suitable protective gloves if risk of skin contact.
Skin and Body Protection:	No data available.
Respiratory Protection:	Avoid breathing dust.
Hygiene measures:	Avoid contact with eyes. Avoid contact with skin. Wash hands thoroughly after handling.
Environmental Controls:	No eSDS available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state:	solid
Form:	solid
Color:	White, Blue Beads
Odor:	unperfumed
Odor Threshold:	No data available.
Melting Point:	No data available.
Boiling Point:	No data available.
Flammability:	No data available.

Upper/lower limit on flammability or explosive limits

Explosive limit - upper: No data available.

Explosive limit - lower: No data available.

Flash Point: No data available.

Self Ignition Temperature: No data available.

Decomposition Temperature: No data available.

pH: 7.00

Viscosity

Dynamic viscosity: No data available.

Kinematic viscosity: No data available.

Flow Time: No data available.

Solubility(ies)

Solubility in Water: No data available.

Solubility (other): No data available.

Dissolution Rate: No data available.

Partition coefficient (n-octanol/water): No data available.

Dispersion Stability: No data available.

Vapor pressure: No data available.

Relative density: No data available.

Density: No data available.

Bulk density: No data available.

Vapor density (air=1): No data available.

9.2 Other information

No data available

SECTION 10: Stability and reactivity

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|-------------|--|---|
| 10.1 | Reactivity: | Stable under normal temperature conditions and recommended use. |
| 10.2 | Chemical Stability: | Material is stable under normal conditions. |
| 10.3 | Possibility of hazardous reactions: | None under normal conditions. |
| 10.4 | Conditions to avoid: | Avoid heat or contamination. Do not freeze. Avoid dust formation. |
| 10.5 | Incompatible Materials: | Strong acids. Strong oxidizing substances. Strong bases. |

10.6 Hazardous Decomposition Products:

By fire, toxic gases may be formed (CO_x, NO_x).

SECTION 11: Toxicological information
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Information on likely routes of exposure

Inhalation:	None under normal conditions.
Skin Contact:	Mildly irritating to skin with prolonged exposure.
Eye contact:	Causes serious eye irritation.
Ingestion:	May be ingested by accident. Ingestion may cause irritation and malaise.

11.1 Information on toxicological effects

Acute toxicity

Oral

Product:	Not classified for acute toxicity based on available data.
Components:	
CITRIC ACID	No data available.
SODIUM CARBONATE	No data available.
PARAFFINUM LIQUIDUM	No data available.

Dermal

Product:	Not classified for acute toxicity based on available data.
Components:	
CITRIC ACID	No data available.
SODIUM CARBONATE	No data available.
PARAFFINUM LIQUIDUM	No data available.

Inhalation

Product:	Not classified for acute toxicity based on available data.
Components:	
CITRIC ACID	No data available.
SODIUM CARBONATE	No data available.
PARAFFINUM LIQUIDUM	No data available.

Repeated dose toxicity

Product:	No data available.
Components:	
CITRIC ACID	No data available.
SODIUM CARBONATE	No data available.
PARAFFINUM LIQUIDUM	No data available.

Skin Corrosion/Irritation:

Product: Based on available data, the classification criteria are not met.

Components:

CITRIC ACID	in vivo (Rabbit): Experimental result, Key study
SODIUM CARBONATE	No data available.
PARAFFINUM	No data available.
LIQUIDUM	

Serious Eye Damage/Eye

Irritation:

Product: Causes serious eye irritation.

Components:

CITRIC ACID	No data available.
SODIUM CARBONATE	in vivo (Rabbit, 1.00 - 14.00 d): Irritating
PARAFFINUM	No data available.
LIQUIDUM	

Respiratory or Skin

Sensitization:

Product: Based on available data, the classification criteria are not met.

Components:

CITRIC ACID	No data available.
SODIUM CARBONATE	No data available.
PARAFFINUM	No data available.
LIQUIDUM	

Germ Cell Mutagenicity

In vitro

Product: Based on available data, the classification criteria are not met.

Components:

CITRIC ACID	No data available.
SODIUM CARBONATE	No data available.
PARAFFINUM	No data available.
LIQUIDUM	

In vivo

Product: Based on available data, the classification criteria are not met.

Components:

CITRIC ACID	No data available.
SODIUM CARBONATE	No data available.
PARAFFINUM	No data available.
LIQUIDUM	

Carcinogenicity

Product: No data available.

Components:

CITRIC ACID	No data available.
SODIUM CARBONATE	No data available.
PARAFFINUM	No data available.
LIQUIDUM	

Reproductive toxicity

Product: No data available.

Components:

CITRIC ACID No data available.
SODIUM CARBONATE No data available.
PARAFFINUM No data available.
LIQUIDUM

Specific Target Organ Toxicity - Single Exposure

Product: Based on available data, the classification criteria are not met.

Components:

CITRIC ACID No data available.
SODIUM CARBONATE No data available.
PARAFFINUM No data available.
LIQUIDUM

Specific Target Organ Toxicity - Repeated Exposure

Product: Based on available data, the classification criteria are not met.

Components:

CITRIC ACID No data available.
SODIUM CARBONATE No data available.
PARAFFINUM No data available.
LIQUIDUM

Aspiration Hazard

Product: Based on available data, the classification criteria are not met.

Components:

CITRIC ACID No data available.
SODIUM CARBONATE No data available.
PARAFFINUM No data available.
LIQUIDUM

SECTION 12: Ecological information

12.1 Toxicity:

Acute hazards to the aquatic environment:

Fish

Product: Based on available data, the classification criteria are not met.

Components:

CITRIC ACID No data available.

SODIUM CARBONATE No data available.

PARAFFINUM
LIQUIDUM No data available.

Aquatic Invertebrates

Product: Based on available data, the classification criteria are not met.

Components:

CITRIC ACID No data available.
SODIUM CARBONATE No data available.
PARAFFINUM No data available.
LIQUIDUM

Toxicity to Aquatic Plants

Product: No data available.

Components:

CITRIC ACID No data available.
SODIUM CARBONATE No data available.
PARAFFINUM No data available.
LIQUIDUM

Toxicity to microorganisms

Product: No data available.

Components:

CITRIC ACID No data available.
SODIUM CARBONATE No data available.
PARAFFINUM No data available.
LIQUIDUM

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

Components:

CITRIC ACID No data available.
SODIUM CARBONATE No data available.
PARAFFINUM No data available.
LIQUIDUM

Aquatic Invertebrates

Product: No data available.

Components:

CITRIC ACID No data available.
SODIUM CARBONATE No data available.
PARAFFINUM No data available.
LIQUIDUM

Toxicity to Aquatic Plants

Product: No data available.

Components:

CITRIC ACID No data available.
SODIUM CARBONATE No data available.
PARAFFINUM No data available.
LIQUIDUM

Toxicity to microorganisms

Product:	No data available.
Components:	
CITRIC ACID	No data available.
SODIUM CARBONATE	No data available.
PARAFFINUM	No data available.
LIQUIDUM	

12.2 Persistence and Degradability

Biodegradation

Product:	The surfactant(s) contained in this mixture comply with biodegradability criteria as laid down in regulations (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the member state. The other components of this mixture are either environmentally inert or absorbed onto sewage and sediment etc or will biodegrade to substances which are likely to be of low environmental impact when the mixture is used as directed.
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Components:

CITRIC ACID	No data available.
SODIUM CARBONATE	No data available.
PARAFFINUM	No data available.
LIQUIDUM	

BOD/COD Ratio

Product:	No data available.
Components:	
CITRIC ACID	No data available.
SODIUM CARBONATE	No data available.
PARAFFINUM	No data available.
LIQUIDUM	

12.3 Bioaccumulative potential

Bioconcentration Factor (BCF)

Product:	The product is not bioaccumulating.
Components:	
CITRIC ACID	No data available.
SODIUM CARBONATE	No data available.
PARAFFINUM	No data available.
LIQUIDUM	

Partition Coefficient n-octanol / water (log Kow)

Product:	No data available.
Components:	
CITRIC ACID	No data available.
SODIUM CARBONATE	No data available.
PARAFFINUM	No data available.
LIQUIDUM	

12.4 Mobility in soil:

Product	No data available.
Components:	
CITRIC ACID	No data available.
SODIUM CARBONATE	No data available.
PARAFFINUM LIQUIDUM	No data available.

12.5 Results of PBT and vPvB assessment:

Product	Based on available data, the classification criteria are not met.
Components:	
CITRIC ACID	No data available.
SODIUM CARBONATE	No data available.
PARAFFINUM LIQUIDUM	No data available.

12.6 Other adverse effects:

Other hazards	
Product:	None known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

General information:	Dispose of contents/container in accordance with local requirements for domestic waste disposal.
Disposal methods:	Wash before disposal. Dispose to controlled facilities.
Contaminated Packaging:	No data available.

SECTION 14: Transport information

ADR

14.1 UN number or ID number:	Not regulated.
14.2 UN Proper Shipping Name:	Not regulated.
14.3 Transport Hazard Class(es)	
Class:	Not regulated.
Label(s):	Not regulated.
Hazard No. (ADR):	Not regulated.
Tunnel restriction code:	Not regulated.
14.4 Packing Group:	Not regulated.
Limited quantity	Not regulated.
Excepted quantity	Not regulated.
14.5 Environmental Hazards	Not regulated.
14.6 Special precautions for user:	Not regulated.

ADN

14.1 UN number or ID number:	Not regulated.
14.2 UN Proper Shipping Name:	Not regulated.
14.3 Transport Hazard Class(es)	

Class:	Not regulated.
Label(s):	Not regulated.
Hazard No. (ADR):	Not regulated.
Tunnel restriction code:	Not regulated.
14.4 Packing Group:	Not regulated.
Limited quantity	Not regulated.
Excepted quantity	Not regulated.
14.5 Special precautions for user:	Not regulated.

RID

14.1 UN number or ID number:	Not regulated.
14.2 UN Proper Shipping Name:	Not regulated.
14.3 Transport Hazard Class(es)	
Class:	Not regulated.
Label(s):	Not regulated.
14.4 Packing Group:	Not regulated.
Limited quantity	Not regulated.
Excepted quantity	Not regulated.
14.5 Environmental Hazards	Not regulated.
14.6 Special precautions for user:	Not regulated.

IMDG

14.1 UN number or ID number:	Not regulated.
14.2 UN Proper Shipping Name:	Not regulated.
14.3 Transport Hazard Class(es)	
Class:	Not regulated.
Label(s):	Not regulated.
EmS No.:	Not regulated.
14.4 Packing Group:	Not regulated.
Limited quantity	Not regulated.
Excepted quantity	Not regulated.
14.5 Environmental Hazards	Not regulated.
14.6 Special precautions for user:	Not regulated.

IATA

14.1 UN number or ID number:	Not regulated.
14.2 UN Proper Shipping Name:	Not regulated.
14.3 Transport Hazard Class(es)	
Class:	Not regulated.
Label(s):	Not regulated.
14.4 Packing Group:	Not regulated.
Passenger and cargo aircraft :	Not regulated.
Limited quantity	Not regulated.
Excepted quantity	Not regulated.
14.5 Environmental Hazards	Not regulated.
14.6 Special precautions for user:	Not regulated.
14.5 Environmental Hazards	
Environmentally Hazardous:	No
Marine Pollutant:	No
14.7 Maritime transport in bulk according to IMO instruments:	Not applicable

SECTION 15: Regulatory information

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

EU Regulations

EU. REACH Annex XIV, Substances Subject to Authorization: None present or none present in regulated quantities.

EU. REACH Candidate List of Substances of Very High Concern for Authorization (SVHC): None present or none present in regulated quantities.

EU. Regulation 2019/1021/EU on persistent organic pollutants (POPs) (recast), as amended: None present or none present in regulated quantities.

Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex I, Controlled Substances: None present or none present in regulated quantities.

Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex II, New Substances: None present or none present in regulated quantities.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended: None present or none present in regulated quantities.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended: None present or none present in regulated quantities.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended: None present or none present in regulated quantities.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended: None present or none present in regulated quantities.

EU. Directive 2012/18/EU (SEVESO III) on major accident hazards involving dangerous substances, Annex I: None present or none present in regulated quantities.

15.2 Chemical safety assessment: No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms:

EH40 WEL:	UK. EH40 Workplace Exposure Limits (WELs), as amended
EH40 WEL / STEL:	Short Term Exposure Limit (STEL):
EH40 WEL / TWA:	Time Weighted Average (TWA):

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; EIGA - European Industrial Gases Association; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport

Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Key literature references and sources for data: No data available.

Wording of the statements in section 2 and 3

H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

Training information: No data available.

Classification according to Regulation (EC) No 1272/2008 as amended.

Eye Irrit. 2, H319

Disclaimer: This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.