

**DRI-PAK LIMITED**

SAFETY DATA SHEET in accordance with Regulation (EC) 1907/2006 and Regulation (EU) 453/2010

Product: **WASHING MACHINE CLEANER 250ml**

MSDS 16/08/D

Version 2

Date compiled April 2014

Revision 3

Date revised October 2019

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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product Identifier**

Product Name **WASHING MACHINE CLEANER 250ml**

Chemical Name An aqueous mixture containing citric acid.

UFI: M2F4-R0HD-S00T-2ASQ

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

A cleaner for washing machines to be used together with Washing Machine Cleaner (Antibacterial).

1.2.1 Uses advised against Use only as directed.

1.3 Details of the supplier of the safety data sheet

Company Details (Manufacturer) Dri-Pak Limited,
Furnace Road,
Ilkeston, Derbyshire, DE7 5EP
Telephone 0115 9 325165
Fax 0115 9 440297
E-mail address bruce@dripak.co.uk

Company Details (Supplier) Ocado Retail Limited,
Hatfield,
Hertfordshire, AL10 9EX
Telephone 0345 6561234
E-mail address ocado@ocado.com

1.4 Emergency Telephone Number

Emergency Number 07836 697940

Contact bruce@dripak.co.uk

2. HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

2.1.1 Classification according to Regulation (EC) 1272/2008
Eye irritant 2

2.2 Label elements

2.2.1 Labelling according to Regulation (EC) 1272/2008

Hazard Pictogram

Signal Word Warning



Hazard Statements

H319 Causes serious eye irritation

Precautionary Statements:

P102: Keep out of reach of children.

P264: Wash hands thoroughly after handling.

P280 Wear eye/face protection.

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
The substance is not identified as a PBT or vPvB substance.
No other hazards identified.

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3. COMPOSITION/INFORMATION ON INGREDIENTS**3.1/2 Substance/Mixture**

Washing machine cleaner (acidic) is an acidic mixture containing amongst other ingredients

3.2.1/2 Hazardous components in unclassified mixture

Citric acid monohydrate	Concentration less than 20%
Fatty acid alkoxylate	Concentration less than 2%
Fragrance	Concentration less than 1%
	CAS Number EC Number
Citric acid	77-92-9 201-069-9
Fatty acid alkoxylate	Ref.No: 02-2119548508-30-0000
Fragrance	n/a n/a
Classification according to Regulation (EC) 1272/2008	
Citric acid monohydrate	H319 Causes serious eye irritation
Fatty acid alkoxylate	Skin Corr./Irrit. 2 H315 Causes skin irritation
Fragrance	Skin Corr./Irrit. 2, Eye dam.1, Skin Sens. 1, Chronic aqu. Tox. 1. H315, H318, H317, H410

3.2.3 Other hazardous components in mixture

Trace of blue dye.

REACH Registration number of citric acid 01-2119457026-42-0006

The full texts of all Hazard Statements are displayed in Section 16.

4. FIRST AID MEASURES**4.1 Description of first aid measures**

- 4.1.1 General advice Take off all contaminated clothing. No known delayed effects.
- Inhalation Move to fresh air, keep warm and at rest. If symptoms persist seek medical advice.
- Skin contact Remove contaminated clothing. Wash the skin with plenty of water until no 'soapy' feeling remains. Obtain medical attention if symptoms, e.g. redness or irritation, develop.
- Eye contact Remove contact lenses if present. The eye should be thoroughly irrigated with clean water for not less than 15 minutes. Obtain medical attention if symptoms develop.
- Ingestion Wash out mouth with water and give plenty of water to drink. Do not induce vomiting. If patient feels unwell obtain medical attention.
- Further Medical Treatment Symptomatic treatment and supportive therapy as indicated.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: Irritation may occur.

Eye contact: Redness or irritation may occur.

Ingestion: May cause coughing.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

2.3 Other hazards

The substance is not identified as a PBT or vPvB substance.

No other hazards identified.



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5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Non-combustible although packaging may burn.

5.1.1 Suitable extinguishing media

Use extinguisher suitable for surrounding fire conditions.

5.1.2 Unsuitable extinguishing media

No further information available.

5.2 Special hazards arising from the substance or mixture

No further information available.

5.3 Advice for fire fighters

No further information available.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non emergency personnel

Small quantities may be mopped up and washed away using plenty of water. Avoid contact with skin and eyes.

6.1.2 For emergency responders

In the event of accidental release of bulk liquid wear suitable gloves and eye/face protection. Absorb with liquid binding materials. The product can then be transferred to containers for disposal according to local legislation. The affected area can be cleaned with plenty of water. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

6.2 Environmental precautions

Refer to Section 12.

6.3 Methods and material for containment and cleaning up

Refer to 6.1 above.

6.4 Reference to other sections

For personal protection see Section 8.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Always follow good personal hygiene when working with this product. Avoid contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibles

Store in original containers in a cool place. Avoid contact with alkalis.

Keep out of the reach of children.

7.3 Specific end use(s)

Refer to label on container.

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8. EXPOSURE CONTROLS /PERSONAL PROTECTION**8.1 Control parameters**

No specific information available.

8.2 Exposure controls**8.2.1 Appropriate engineering controls**

None should be necessary.

8.2.2 Personal protective equipment

Respiratory protection No special precautions.

Eye protection Avoid contact with eyes.

Skin protection Gloves are recommended for people with sensitive or damaged skin. Avoid prolonged contact with skin. Rinse hands after use.

Industrial Hygiene Normal standards of industrial hygiene should be observed.

Disposal Empty container thoroughly before disposal, Rinse empty container with water and recycle where possible.

8.2.3 Environmental exposure controls

Normal standards of care should be observed.

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Appearance	blue liquid (dye)
Odour	fragrance
Odour threshold	currently not available
pH	>2 neat
Melting point/Freezing Point	about 0° C
Initial boiling point and boiling point range	about 101° C
Flash point	not applicable
Evaporation rate	not applicable
Flammability (solid, gas)	currently not available
Upper flammability or explosive limits	currently not available
Vapour pressure	not applicable
Vapour density	not applicable
Relative density	1.08 – 1.09
Solubility(ies)	miscible with water
Partition coefficient: n-octanol/water	currently not available
Autoignition temperature	currently not available
Decomposition temperature	currently not available
Viscosity	greater than water
Explosive properties	not explosive
Oxidising properties	non-oxidising (by EC criteria)

9.2 Other information

No other information available.

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10. STABILITY AND REACTIVITY

10.1	<u>Reactivity</u>	Reaction with carbonates causes evolution of carbon dioxide.
10.2	<u>Chemical stability</u>	Stable under recommended storage conditions.
10.3	<u>Possibility of hazardous reactions</u>	Liberates carbon dioxide when mixed with carbonates. May react with new surfaces of aluminium and zinc and their alloys to produce hydrogen.
10.4	<u>Conditions to avoid</u>	Strong heat causing the product to dry out.
10.5	<u>Incompatible materials</u>	Strong bases.
10.6	<u>Hazardous decomposition products</u>	No information available.

11. TOXICOLOGICAL INFORMATION

11.1	<u>Information on toxicological effects</u>	No specific information available.
	Inhalation	Not a predictable hazard in household use.
	Skin contact	There is little danger of cold product causing damage to the skin but dryness, irritation and reddening may occur particularly with repeated or prolonged contact.
	Eye contact	May cause irritation and redness, corneal damage is possible in severe circumstances.
	Ingestion	May result in a burning sensation in the mouth and throat, inability to swallow, and irritation of the gastro-intestinal tract with nausea and vomiting.

12. ECOLOGICAL INFORMATION

12.1	<u>Toxicity</u>	No specific information available.
12.2	<u>Persistence and degradability</u>	Biodegradable.
12.3	<u>Bioaccumulative potential</u>	No bioaccumulation expected.
12.4	<u>Mobility in soil</u>	Soluble in water.
12.5	<u>Results of PBT and vPvB assessment</u>	This product does not contain any PBT or vPvB substances.
12.6	<u>Other adverse effects</u>	Negligible ecotoxicity. No environmental hazard is likely provided the product is handled and disposed of with due care in accordance with normal household practice on following the instructions on the label.

13. DISPOSAL CONSIDERATIONS

13.1	<u>Waste treatment methods</u>	Disposal should be in accordance with local, county or national legislation. Small quantities may be washed away using plenty of water. Dispose of contents by using as per directions for use. Recycle empty container where possible.
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14. TRANSPORT INFORMATION

In its normal packaging this product is not classified as hazardous for transport.

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15. REGULATORY INFORMATION

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

Health, safety and environmental details to be shown on label. Ref. Regulation (EC) 1272/2008. Refer to Section 2.

15.2 Chemical safety assessment

A chemical safety assessment has been undertaken on citric acid by our supplier.

A chemical safety assessment has not been undertaken on this product.

16. OTHER INFORMATION

Changes to Version 1: Reference to EU Directive 67/548/EEC and Directive 1999/45/EC deleted..

Revision 3: content reviewed : changes: new MSDS code inserted, UFI number added to sub-section 1.1.

List of Hazard Statements not included in Sections 2 and 3

Hazard Statements

H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H317	May cause an allergic skin reaction
H410	Very toxic to aquatic life with long lasting effects

Abbreviations and acronyms

PBT	Persistent, Bioaccumulative, Toxic
vPvB	very Persistent, very Bioaccumulative

The product information in this Data Sheet is, to the best of Dri-Pak's knowledge, correct as at the date of publication. No warranty is implied with respect to the quality or the specification of the product. The user must satisfy himself/herself that the product is suitable for his/her purpose.