



SAFETY DATA SHEET

Astonish Toilet Bowl Fizz & Fresh Lemon Splash

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

1.1. Product identifier

Product name	Astonish Toilet Bowl Fizz & Fresh Lemon Splash
Product number	C2145
Internal identification	C2145F1V2
UFI	UFI: N13A-SHXA-KK57-4RPR

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

Identified uses	Cleaning toilet bowls and removing limescale.
Uses advised against	For use in the toilet bowl only. Avoid contact with acid sensitive surfaces. Never mix or use with any other chemicals. Do not allow the product to come into contact with chlorine bleach. Wipe up spills immediately.

1.3. Details of the supplier of the safety data sheet

Supplier	The London Oil Refining Company Ltd Astonish House Unit 1 Premier Point Staithgate Lane Bradford, BD6 1DW, UK Tel: +44 1274 767440 (8am-4pm Mon-Fri) www.astonishcleaners.co.uk
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Astonish Cleaners Europe Ltd
38 Main Street
Swords
Co. Dublin
Republic of Ireland
K67E0A2
Tel: +353 768 885288 (8am-4pm Mon-Fri)
www.astonishcleaners.eu

Contact person	info@astonish.co.uk info@astonishcleaners.eu
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Manufacturer	Specially manufactured in Poland For: The London Oil Refining Company Ltd
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1.4. Emergency telephone number

Emergency telephone	UK - Emergency Telephone: +44 (0) 1274 767440 (8am-4pm Mon-Fri). Alternatively in UK: Contact NHS 111 Telephone 111 (24 hours a day, 7 days a week); Website 111.nhs.uk or a doctor.
	ROI - Emergency Telephone: +353 768 885288 (8am-4pm Mon-Fri) Poisons Information Centre of Ireland (ROI): + 353 (1) 809 2166 (8am-10pm 7 days a week)

SECTION 2: Hazards identification

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2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319
Environmental hazards	Aquatic Chronic 3 - H412

2.2. Label elements

Hazard pictograms



Signal word	Warning
Hazard statements	H315 Causes skin irritation. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P264 Wash hands thoroughly after handling. P273 Avoid release to the environment. P280 Wear protective gloves and eye protection. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store in a dry place at the temperature of 5.0-25.0°C. Protect from freezing and direct sun exposure. P501 Dispose of contents/container according to the separated collection system used in your municipality.
Additional Labelling	None
Detergent labelling	< 5% anionic surfactants, < 5% perfumes, Contains d-Limonene

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients

3.2. Mixtures

sulphamic acid	30-60%
CAS number: 5329-14-6	EC number: 226-218-8
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Aquatic Chronic 3 - H412	

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Sodium Carbonate		5-15%
CAS number: 497-19-8	EC number: 207-838-8	REACH registration number: 01-2119485498-19-XXXX
Classification		
Eye Irrit. 2 - H319		
Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide		
1-5%		
CAS number: —	EC number: 932-051-8	REACH registration number: 01-2119565112-48-XXXX
Classification		
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
Aquatic Chronic 3 - H412		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Remove exposure and give water to drink if mouth irritation experienced. Seek medical advice if recovery not rapid.
Ingestion	Drink water. If symptoms persist seek medical advice.
Skin contact	Wash skin thoroughly with soap and water. Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if irritation persists after washing.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists after washing.

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

Inhalation	Possible mild irritation of breathing passage and possible mouth irritation.
Ingestion	Possible mild stomach upset and mild soreness of mouth.
Skin contact	Causes skin irritation.
Eye contact	Causes eye irritation.

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

Notes for the doctor	No data available
Specific treatments	No data available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use extinguisher suitable to cause of fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Product does not support combustion, minimal fire hazard. Minimal quantities of oxides of carbon may be produced.

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5.3. Advice for firefighters

Protective actions during firefighting Use protection suitable to cause of fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin and eyes. Avoid inhalation of dust.

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains and the aquatic environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Collect spillage with a shovel and broom, or similar and reuse, if possible. Dispose of contents/container in accordance with regional regulations.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Use as instructed on label. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in ambient conditions. Keep out of the reach of children.

7.3. Specific end use(s)

Specific end use(s) Cleaning toilet bowls and removing limescale.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

Sodium Carbonate

Long-term exposure limit (8-hour TWA): 10 mg/m³

8.2. Exposure controls

Eye/face protection Wear eye protection. Avoid contact with face.

Hand protection Wear protective gloves.

Environmental exposure controls This product does not pose a hazard in normal use when following the usage instructions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Round Yellow Tablet

Colour Yellow.

Odour Citrus.

Odour threshold Not known.

pH pH (diluted solution): 2.1 - 5.5 (at 1%)

Melting point Not known.

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Initial boiling point and range	Not measured (>100°C)
Flash point	Not determined.
Evaporation rate	Not known.
Evaporation factor	Not known.
Flammability (solid, gas)	Does not ignite.
Upper/lower flammability or explosive limits	Does not ignite.
Other flammability	Not relevant.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	Not determined.
Bulk density	Not determined.
Solubility(ies)	Soluble in water
Partition coefficient	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not available.
Viscosity	Not relevant.
Explosive properties	None
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Not applicable.

9.2. Other information

Other information None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Will react with acids to produce chlorine gas

10.2. Chemical stability

Stability Stable under normal conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal conditions.

10.4. Conditions to avoid

Conditions to avoid None known.

10.5. Incompatible materials

Materials to avoid Avoid contact with acids and alkalis.

10.6. Hazardous decomposition products

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Hazardous decomposition products Carbon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects This mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Toxicity Normal use of product is not expected to pose a risk to the environment.

12.2. Persistence and degradability

Persistence and degradability No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential No information available.

Partition coefficient Not known.

12.4. Mobility in soil

Mobility No data available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment Product fails to meet PBT/vPvB criteria.

12.6. Other adverse effects

Other adverse effects Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of according to local regulations. Avoid disposing into drainage systems and into the environment. Dispose of contaminated packaging in the same way as the product itself. Non-contaminated packages may be recycled.

SECTION 14: Transport information

General Not regulated.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not regulated.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

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Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

National regulations For Great Britain after the end of the transitional period, the EU Detergents Regulation - has been amended by the Detergents EU Exit Statutory Instruments (SIs), that is:

the Detergents (Amendment) (EU Exit) Regulations 2019 (S.I. 2019/672)
the Detergents (Safeguarding) (Amendment) (EU Exit) Regulations 2019 (S.I. 2019/671)
the Detergents (Amendment) (EU Exit) Regulations 2020 (S.I. 2020/1617)

EU legislation This safety data sheet is compliant with EC Regulation 1907/2006 (REACH) as adapted by 453/2010, Directive 67/548/EEC and EC Regulation 1272/2008 (CLP).
Dangerous Preparations Directive 1999/45/EC.
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet CAS: Chemical Abstracts Service.
ECHA: European Chemicals Agency
GHS: Globally Harmonized System.
PBT: Persistent, Bioaccumulative and Toxic substance.
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
vPvB: Very Persistent and Very Bioaccumulative.

General information Note: The hazard statements below are explanations of phrases used in the SDS as abbreviations and DO NOT apply to the product. The statements applicable to the product are those identified in Section 2 only.
Any animal testing information or data listed in this safety data sheet is historic published data within the public domain. There is a requirement to declare this information if it is known and this does not impact our cruelty free status. The London Oil Refining Company Ltd does not commission animal testing.

Revision comments Updated using updated raw material information received from suppliers.

Issued by The London Oil Refining Company Ltd

Revision date 07/01/2022

Revision 1.2

Supersedes date 06/10/2021

Astonish Toilet Bowl Fizz & Fresh Lemon Splash

SDS number	5692
Hazard statements in full	H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.