



## SAFETY DATA SHEET

### Astonish Cream Cleaner Lemon Fresh

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

##### 1.1. Product identifier

**Product name** Astonish Cream Cleaner Lemon Fresh  
**Product number** 233901  
**Internal identification** 2339F5V1

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

**Identified uses** Cleaning hard surfaces around the home

##### 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  
(01274) 767440 (office hours only)  
(01274) 726285  
www.astonishcleaners.com

**Contact person** info@astonish.co.uk

**Manufacturer** As supplier.

##### 1.4. Emergency telephone number

**Emergency telephone** (01274) 767440 (office hours only)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

**Physical hazards** Not Classified  
**Health hazards** Eye Irrit. 2 - H319  
**Environmental hazards** Not Classified

##### 2.2. Label elements

###### Pictogram



**Signal word** Warning

**Hazard statements** H319 Causes serious eye irritation.

## Astonish Cream Cleaner Lemon Fresh

<b>Precautionary statements</b>	<p>P101 If medical advice is needed, have product container or label at hand.</p> <p>P102 Keep out of reach of children.</p> <p>P103 Read label before use.</p> <p>P264 Wash hands thoroughly after handling.</p> <p>P280 Wear eye protection.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p>
<b>Additional Labelling</b>	None
<b>Detergent labelling</b>	< 5% non-ionic surfactants, < 5% perfumes, < 5% polycarboxylates, Contains d-Limonene, 1,2-benzisothiazol-3(2H)-one, 2-methylisothiazol-3(2H)-one, 2-Octyl-2H-isothiazol-3-one

### 2.3. Other hazards

None

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>Calcium/Magnesium Carbonate</b>	<b>30-60%</b>
CAS number: 16389-88-1                      EC number: 240-440-2	
<b>Classification</b> Not Classified	
<b>Undecanol, branched and linear, ethoxylated (&gt;5-15 EO)</b>	<b>1-5%</b>
CAS number: 68439-46-3	
<b>Classification</b> Acute Tox. 4 - H302 Eye Dam. 1 - H318	
<b>Coconut Diethanolamide</b>	<b>1-5%</b>
CAS number: 68603-42-9	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	
<b>Glycerol</b>	<b>&lt;1%</b>
CAS number: 56-81-5                      EC number: 200-289-5	
<b>Classification</b> Not Classified	

## Astonish Cream Cleaner Lemon Fresh

<b>d-Limonene</b> <span style="float: right;"><b>&lt;1%</b></span>		
CAS number: 5989-27-5	EC number: 227-813-5	
M factor (Chronic) = 1		
<b>Classification</b> Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Asp. Tox. 1 - H304 Aquatic Chronic 1 - H410		
<b>Sodium Hydroxide</b> <span style="float: right;"><b>&lt;1%</b></span>		
CAS number: 1310-73-2	EC number: 215-185-5	REACH registration number: 01-2119457892-07-0000
<b>Classification</b> Met. Corr. 1 - H290 Skin Corr. 1A - H314		
<b>2-methylisothiazol-3(2H)-one</b> <span style="float: right;"><b>&lt;1%</b></span>		
CAS number: 2682-20-4	EC number: 220-239-6	
M factor (Acute) = 1		
<b>Classification</b> Acute Tox. 3 - H301 Acute Tox. 3 - H311 Skin Corr. 1B - H314 Skin Sens. 1 - H317 STOT SE 3 - H335 Aquatic Acute 1 - H400		
<b>1,2-benzisothiazol-3(2H)-one</b> <span style="float: right;"><b>&lt;1%</b></span>		
CAS number: 2634-33-5	EC number: 220-120-9	
M factor (Acute) = 1		
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411		

## Astonish Cream Cleaner Lemon Fresh

<b>2-Octyl-2H-isothiazol-3-one</b>	<b>&lt;1%</b>
CAS number: 26530-20-1	EC number: 247-761-7
M factor (Acute) = 1	M factor (Chronic) = 1
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 3 - H311 Acute Tox. 3 - H331 Skin Corr. 1B - H314 Skin Sens. 1A - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	

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

<b>Inhalation</b>	Remove exposure and give water to drink if mouth irritation experienced. Seek medical advice if recovery not rapid.
<b>Ingestion</b>	Drink water. If symptoms persist seek medical advice.
<b>Skin contact</b>	Rinse affected area with water.
<b>Eye contact</b>	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

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

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

<b>Notes for the doctor</b>	No data available
<b>Specific treatments</b>	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.

#### 5.3. Advice for firefighters

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

## Astonish Cream Cleaner Lemon Fresh

### SECTION 6: Accidental release measures

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

**Personal precautions**            Avoid contact with skin and eyes.

#### 6.2. Environmental precautions

**Environmental precautions**    Product is intended to be rinsed away to sewer after use. For bigger spillages non-household spillages prevent entry into sewer or drains.

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

**Methods for cleaning up**        Absorb household spillages with e.g kitchen roll and dispose of in bin. Wipe affected area clean with a damp cloth.

#### 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 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 hard surfaces around the home.

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### **Calcium/Magnesium Carbonate**

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup>    respirable dust

##### **Glycerol**

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup>    mist

##### **Sodium Hydroxide**

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

#### 8.2. Exposure controls

**Eye/face protection**            Wear eye protection.

**Hand protection**                 For users with sensitive skin, it is recommended that suitable protective gloves are worn.

**Environmental exposure controls**    This product does not pose a hazard in normal use.

### SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

**Appearance**                        Opaque White Viscous Liquid

**Colour**                                White.

**Odour**                                 Sweet Lemon

## Astonish Cream Cleaner Lemon Fresh

<b>Odour threshold</b>	Not known.
<b>pH</b>	pH (concentrated solution): 8.0 - 10.0
<b>Melting point</b>	Not known.
<b>Initial boiling point and range</b>	Not measured (>100°C)
<b>Flash point</b>	Not determined.
<b>Evaporation rate</b>	Not known.
<b>Evaporation factor</b>	Not known.
<b>Flammability (solid, gas)</b>	Does not ignite.
<b>Upper/lower flammability or explosive limits</b>	Does not ignite.
<b>Other flammability</b>	Not relevant.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	> 1 (Air=1)
<b>Relative density</b>	1.21 - 1.35 @ 20°C
<b>Bulk density</b>	Not applicable.
<b>Solubility(ies)</b>	Soluble in water
<b>Partition coefficient</b>	Not known.
<b>Auto-ignition temperature</b>	Not known.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	1800 - 3500 cP @ 20°C
<b>Explosive properties</b>	None
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Not applicable.
<b><u>9.2. Other information</u></b>	
<b>Other information</b>	None.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** No reactivity hazards expected.

#### 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.

## Astonish Cream Cleaner Lemon Fresh

### 10.5. Incompatible materials

**Materials to avoid**                      None known.

### 10.6. Hazardous decomposition products

**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.

#### Acute toxicity - oral

**ATE oral (mg/kg)**                      9,722.22

#### Toxicological information on ingredients.

#### Calcium/Magnesium Carbonate

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)**      5,000.0

**Species**                                      Rat

**ATE oral (mg/kg)**                      5,000.0

#### Undecanol, branched and linear, ethoxylated (>5-15 EO)

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)**      350.0

**Species**                                      Rat

**ATE oral (mg/kg)**                      350.0

##### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)**      2,001.0

**Species**                                      Rat

**ATE dermal (mg/kg)**                      2,001.0

#### Coconut Diethanolamide

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)**      5,000.0

**Species**                                      Rat

##### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)**      2,000.0

**Species**                                      Rat

## Astonish Cream Cleaner Lemon Fresh

### SECTION 12: Ecological Information

#### 12.1. Toxicity

**Toxicity** The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

#### Ecological information on ingredients.

##### Undecanol, branched and linear, ethoxylated (>5-15 EO)

##### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: >1 - 10 mg/l, Cyprinus carpio (Common carp)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: >1 - 10 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: >1 - 10 mg/l, Desmodemus subspicatus

#### 12.2. Persistence and degradability

**Persistence and degradability** Does not contain any components considered to be persistent. Contains detergents that satisfy the biodegradation requirements of directive 648/2004/EC.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No bio-accumulative potential noted for any component.

**Partition coefficient** Not known.

#### 12.4. Mobility in soil

**Mobility** The components of the mixture are readily absorbed into soil and are mobile in water environment.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** No data available.

#### 12.6. Other adverse effects

**Other adverse effects** Not determined.

### 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.

## Astonish Cream Cleaner Lemon Fresh

### 14.3. Transport hazard class(es)

Not regulated.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

#### **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 Not applicable.

**Annex II of MARPOL 73/78  
and the IBC Code**

## SECTION 15: Regulatory information

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

#### **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 31st March 2004 on detergents.

### 15.2. Chemical safety assessment

## SECTION 16: Other information

#### **Abbreviations and acronyms used in the safety data sheet**

ATE: Acute Toxicity Estimate.  
CAS: Chemical Abstracts Service.  
ECHA: European Chemicals Agency  
EC<sub>50</sub>: 50% of maximal Effective Concentration.  
GHS: Globally Harmonized System.  
LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.  
LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).  
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.

#### **Revision comments**

Revised Internal Identification.

#### **Issued by**

The London Oil Refining Company Ltd

#### **Revision date**

04/10/2019

#### **Revision**

5.1

#### **Supersedes date**

11/04/2019

#### **SDS number**

4939

## Astonish Cream Cleaner Lemon Fresh

### Hazard statements in full

H226 Flammable liquid and vapour.  
H290 May be corrosive to metals.  
H301 Toxic if swallowed.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H311 Toxic in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H331 Toxic if inhaled.  
H335 May cause respiratory irritation.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.