



## SAFETY DATA SHEET

### Lemon Fresh

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

##### 1.1. Product identifier

Product name                   Lemon Fresh  
Product number                09022  
Container size                 2 x 5 litre containers

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

Identified uses                Cleaning agent. Disinfectant.

##### 1.3. Details of the supplier of the safety data sheet

Supplier                        Premiere Products  
                                      Oakley Gardens,  
                                      Bouncers Lane,  
                                      Cheltenham, GLOS GL52 5JD

01242 537103, 01242 537177  
Fax - 01242 528445  
laboratory@premiereproducts.co.uk

Contact person                Laboratory

##### 1.4. Emergency telephone number

Emergency telephone        +44 (0)1242 537177 GMT 9am-5pm Monday-Friday

#### SECTION 2: Hazards identification

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

###### Classification

###### Physical hazards

Not Classified

###### Health hazards

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Elicitation - EUH208

###### Environmental hazards

Not Classified

###### Classification (67/548/EEC or 1999/45/EC)

###### Human health

See Section 11 for additional information on health hazards.

###### Environmental

The product is not expected to be hazardous to the environment.

##### 2.2. Label elements

###### Pictogram

## Lemon Fresh



**Signal word**

Warning

**Hazard statements**

EUH208 Contains Perfume. May produce an allergic reaction.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.

**Precautionary statements**

P264 Wash contaminated skin thoroughly after handling.  
 P280 Wear protective gloves/protective clothing/eye protection/face 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.  
 P321 Specific treatment (see medical advice on this label).  
 P332+P313 If skin irritation occurs: Get medical advice/attention.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P362+P364 Take off contaminated clothing and wash it before reuse.

**2.3. Other hazards**

This product does not contain any substances classified as PBT or vPvB.

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

<b>di-n-decyl dimethylammonium chloride</b>	<b>1-5%</b>
CAS number: 7173-51-5    EC number: 230-525-2	
M factor (Acute) = 10	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 3 - H226	Xn;R22. C;R34. N;R50.
Acute Tox. 4 - H302	
Skin Corr. 1B - H314	
STOT SE 3 - H336	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	
<b>NONIONIC SURFACTANT C9-C11 alcohol + 8 EO</b>	<b>1-5%</b>
CAS number: 68439-46-3    EC number: —	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Eye Dam. 1 - H318	Xn;R22. Xi;R41.
Acute Tox. 4 - H302	
<b>PROPAN-2-OL</b>	<b>&lt;1%</b>
CAS number: 67-63-0    EC number: 200-661-7	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 2 - H225	F;R11 Xi;R36 R67
Eye Irrit. 2 - H319	
STOT SE 3 - H336	

## Lemon Fresh

<b>Perfume</b>	<b>&lt;1%</b>
<b>CAS number:</b> — <b>EC number:</b> —	
<b>Classification</b> Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R65. Xi;R36/38. N;R51/53. R43.
<b>2-methyl-2H-isothiazol-3-one</b>	<b>&lt;1%</b>
<b>CAS number:</b> 2682-20-4 <b>EC number:</b> 220-239-6	
<b>M factor (Acute) = 1</b>	
<b>Classification</b> Acute Tox. 3 - H301 Acute Tox. 4 - H312 Acute Tox. 3 - H331 Skin Corr. 1C - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R20/22. C;R34. N;R50. R43.
<b>1,2-BENZISOTHIAZOL-3(2H)-ONE</b>	<b>&lt;1%</b>
<b>CAS number:</b> 2634-33-5 <b>EC number:</b> 220-120-9	
<b>M factor (Acute) = 1</b>	
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Acute 1 - H400	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R22 R43 Xi;R38,R41 N;R50
<b>SODIUM HYDROXIDE</b>	<b>&lt;1%</b>
<b>CAS number:</b> 1310-73-2 <b>EC number:</b> 215-185-5	
<b>Classification</b> Skin Corr. 1A - H314	<b>Classification (67/548/EEC or 1999/45/EC)</b> C;R35

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 affected person from source of contamination. Move affected person to fresh air at once. Get medical attention.

###### Ingestion

Rinse mouth thoroughly with water. Give plenty of water to drink. DO NOT induce vomiting. Get medical attention immediately.

###### Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after

## Lemon Fresh

washing.

### Eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

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

#### Inhalation

May cause sensitisation or allergic reactions in sensitive individuals.

#### Ingestion

May cause stomach pain or vomiting.

#### 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

Treat symptomatically.

---

## SECTION 5: Firefighting measures

---

### 5.1. Extinguishing media

#### Suitable extinguishing media

Extinguish with foam, carbon dioxide, dry powder or water fog.

### 5.2. Special hazards arising from the substance or mixture

#### Specific hazards

No unusual fire or explosion hazards noted.

#### Hazardous combustion products

Does not decompose when used and stored as recommended.

### 5.3. Advice for firefighters

#### Protective actions during firefighting

Control run-off water by containing and keeping it out of sewers and watercourses.

#### Special protective equipment for firefighters

Use air-supplied respirator, gloves and protective goggles.

---

## SECTION 6: Accidental release measures

---

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

#### Personal precautions

No action shall be taken without appropriate training or involving any personal risk.

### 6.2. Environmental precautions

#### Environmental precautions

Do not discharge into drains or watercourses or onto the ground.

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

#### Methods for cleaning up

Absorb spillage with inert, damp, non-combustible material. Place waste in labelled, sealed containers. Flush contaminated area with plenty of water.

### 6.4. Reference to other sections

#### Reference to other sections

For waste disposal, see Section 13.

## Lemon Fresh

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Usage precautions

Read and follow manufacturer's recommendations.

#### 7.2. Conditions for safe storage, including any incompatibilities

##### Storage precautions

Store in tightly-closed, original container in a dry and cool place.

##### Storage class

Chemical storage.

#### 7.3. Specific end use(s)

##### Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup>

##### SODIUM HYDROXIDE

Long-term exposure limit (8-hour TWA): WEL

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

WEL = Workplace Exposure Limit

##### Ingredient comments

WEL = Workplace Exposure Limits

#### 8.2. Exposure controls

##### Protective equipment



##### Eye/face protection

Wear chemical splash goggles.

##### Hand protection

Wear protective gloves. It is recommended that chemical-resistant, impervious gloves are worn.

##### Other skin and body protection

Wear suitable protective clothing as protection against splashing or contamination.

##### Hygiene measures

When using do not eat, drink or smoke.

##### Respiratory protection

No specific recommendations.

##### Environmental exposure controls

Keep container tightly sealed when not in use.

### SECTION 9: Physical and Chemical Properties

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

##### Appearance

Clear liquid.

## Lemon Fresh

**Colour**

Yellow.

**Odour**

Lemon.

**Odour threshold**

Not available.

**pH**

pH (concentrated solution): 3.5

**Melting point**

Not available.

**Initial boiling point and range**

Not available.

**Flash point**

Not available.

**Evaporation rate**

Not available.

**Evaporation factor**

Not available.

**Upper/lower flammability or explosive limits**

Not available.

**Other flammability**

Not available.

**Vapour pressure**

Not available.

**Vapour density**

Not available.

**Relative density**

1.003 @ 20°C

**Bulk density**

Not available.

**Solubility(ies)**

Soluble in water.

**Partition coefficient**

Not available.

**Auto-ignition temperature**

Not available.

**Decomposition Temperature**

Not available.

**Viscosity**

Not available.

**Explosive properties**

Not available.

**Explosive under the influence of a flame**

Not considered to be explosive.

**Oxidising properties**

Not available.

**Comments**

## Lemon Fresh

Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.

### **9.2. Other information**

#### **Other information**

Not known.

---

## **SECTION 10: Stability and reactivity**

---

### **10.1. Reactivity**

The reactivity data for this product will be typical of those for the following class of materials: Strong acids.

### **10.2. Chemical stability**

#### **Stability**

Stable at normal ambient temperatures and when used as recommended.

### **10.3. Possibility of hazardous reactions**

Under normal conditions of storage and use, no hazardous reactions will occur.

### **10.4. Conditions to avoid**

Avoid excessive heat for prolonged periods of time.

### **10.5. Incompatible materials**

#### **Materials to avoid**

Strong acids.

### **10.6. Hazardous decomposition products**

Does not decompose when used and stored as recommended.

---

## **SECTION 11: Toxicological information**

---

### **11.1. Information on toxicological effects**

#### **Acute toxicity - oral**

Not available.

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

23,331.77788147

#### **Acute toxicity - dermal**

Not available.

#### **Acute toxicity - inhalation**

Not available.

#### **Serious eye damage/irritation**

Not available.

#### **Respiratory sensitisation**

Not available.

#### **Skin sensitisation**

Not available.

#### **Germ cell mutagenicity**

##### **Genotoxicity - in vitro**

Not available.

##### **Genotoxicity - in vivo**

Not available.

#### **Carcinogenicity**

Not available.

#### **Reproductive toxicity**

## Lemon Fresh

### Reproductive toxicity - fertility

Not available.

### Reproductive toxicity - development

Not available.

### Specific target organ toxicity - single exposure

#### STOT - single exposure

Not available.

### Specific target organ toxicity - repeated exposure

#### STOT - repeated exposure

Not available.

### Aspiration hazard

Not known.

### Inhalation

May cause sensitisation or allergic reactions in sensitive individuals.

### Ingestion

May cause stomach pain or vomiting.

### Skin contact

Causes skin irritation.

### Eye contact

Causes eye irritation.

### Target organs

No specific target organs known.

---

## SECTION 12: Ecological Information

---

### Ecotoxicity

There are no data on the ecotoxicity of this product.

#### 12.1. Toxicity

Not considered toxic to fish.

#### 12.2. Persistence and degradability

##### Persistence and degradability

The degradability of the product is not known.

#### 12.3. Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

### Partition coefficient

Not available.

#### 12.4. Mobility in soil

##### Mobility

The product is soluble in water.

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

This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

None known.

---

## SECTION 13: Disposal considerations

---

#### 13.1. Waste treatment methods



## Lemon Fresh

### General information

Waste should be treated as controlled waste.

### Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

No information required.

### 14.2. UN proper shipping name

No information required.

### 14.3. Transport hazard class(es)

No information required.

### 14.4. Packing group

No information required.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

No information required.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 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

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).

#### EU legislation

REGULATION (EU) No 528/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 22 May 2012 concerning the making available on the market and use of biocidal products.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

<b>Issued by</b>	Health & Safety Officer
<b>Revision date</b>	09/02/2015
<b>Revision</b>	2
<b>Supersedes date</b>	02/05/2010
<b>SDS number</b>	4
<b>Risk phrases in full</b>	

## Lemon Fresh

NC Not classified.  
R11 Highly flammable.  
R22 Harmful if swallowed.  
R3 Extreme risk of explosion by shock, friction, fire or other sources of ignition.  
R34 Causes burns.  
R36 Irritating to eyes.  
R41 Risk of serious damage to eyes.  
R43 May cause sensitisation by skin contact.  
R50 Very toxic to aquatic organisms.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R67 Vapours may cause drowsiness and dizziness.

### Hazard statements in full

EUH208 Contains Perfume. May produce an allergic reaction.  
H226 Flammable liquid and vapour.  
H301 Toxic if swallowed.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H331 Toxic if inhaled.  
H336 May cause drowsiness or dizziness.  
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.