



## SAFETY DATA SHEET Multi Spray with Bleach

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

#### 1.1. Product identifier

**Product name** Multi Spray with Bleach

**Internal identification** F3V3

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

**Identified uses** Cleaning tough stains and soils on hard surfaces around the kitchen and killing germs and removing mildew

#### 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)  
www.astonishcleaners.com  
(01274) 726285

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

#### 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** Not Classified

**Environmental hazards** Not Classified

#### 2.2. Label elements

**Hazard statements** EUH208 Contains Mixture of tetrasodium phosphonoethane-1,2-dicarboxylate and Hexasodium phosphonobutane-1,2,3,4-tetracarboxylate. May produce an allergic reaction.

**Precautionary statements** P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.

#### Additional Labelling

**Detergent labelling** < 5% anionic surfactants, < 5% chlorine-based bleaching agents, < 5% perfumes

#### 2.3. Other hazards

None

## Multi Spray with Bleach

### SECTION 3: Composition/information on ingredients

### 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>	Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention if irritation persists after washing.
<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>	Causes skin irritation.
<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. Heat may result in chlorine gas, hydrogen chloride gas and chlorine oxides.

#### 5.3. Advice for firefighters

**Protective actions during firefighting** Wear breathing apparatus suitable for chlorine gas

### 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.

## Multi Spray with Bleach

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Use as instructed on label. Avoid breathing spray. Point spray away from face. Avoid contact with skin and eyes. Use only in well-ventilated areas.

#### 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 and sterilising hard surfaces around the home. Observe precautions in section 7.1.

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### sodium hypochlorite

Short-term exposure limit (15-minute): EU ELV 0.5 ppm 1.5 mg/m<sup>3</sup> Chlorine

Short-term exposure limit (15-minute): EH40 WEL 0.5 ppm 1.5 mg/m<sup>3</sup> Chlorine

##### Sodium Carbonate

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

##### Sodium Hydroxide

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

##### 2,6-dimethyloct-7-en-2-ol

Long-term exposure limit (8-hour TWA): DNEL 73.5 mg/m<sup>3</sup> Inhalation

Long-term exposure limit (8-hour TWA): DNEL 20.8 mg/kg Dermal

##### Linalool

Long-term exposure limit (8-hour TWA): DNEL 2.5 mg/kg Dermal

Long-term exposure limit (8-hour TWA): DNEL 2.8 mg/m<sup>3</sup> Inhalation

Long-term exposure limit (8-hour TWA): DNEL 15 mg/cm<sup>3</sup> Dermal

Short-term exposure limit (15-minute): DNEL 15 mg/cm<sup>3</sup> Dermal

##### 2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol

Long-term exposure limit (8-hour TWA): DNEL 0.5 mg/kg Oral

Short-term exposure limit (15-minute): DNEL 3 mg/kg Oral

Short-term exposure limit (15-minute): DNEL 6 mg/kg Dermal

Long-term exposure limit (8-hour TWA): DNEL 1.4 mg/kg Dermal

Short-term exposure limit (15-minute): DNEL 7 mg/m<sup>3</sup> Inhalation

Long-term exposure limit (8-hour TWA): DNEL 7 mg/m<sup>3</sup> Inhalation

WEL = Workplace Exposure Limit

#### Mixture of tetrasodium phosphonoethane-1,2-dicarboxylate and Hexasodium phosphonobutane-1,2,3,4-tetracarboxylate (CAS: 143239-08-1)

DMEL

- Inhalation; Long term local effects: 10 mg/m<sup>3</sup>

#### 8.2. Exposure controls

**Environmental exposure controls** This product does not pose a hazard in normal use when following usage instructions. Care should be taken not to inhale the spray. Take care to avoid contact with skin and eyes. Gloves may be required for repeat or prolonged exposure.

### SECTION 9: Physical and Chemical Properties

## Multi Spray with Bleach

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

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Pale Yellow
<b>Odour</b>	Herbal with faint bleach
<b>pH</b>	pH (concentrated solution): 12.3-13.3
<b>Initial boiling point and range</b>	Not measured (>100°C)
<b>Flash point</b>	Not applicable.
<b>Vapour density</b>	> 1 (Air=1)
<b>Relative density</b>	1.022 - 1.034
<b>Solubility(ies)</b>	Soluble in water
<b>Viscosity</b>	Not measured
<b>Explosive properties</b>	None

### 9.2. Other information

<b>Other information</b>	None.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	Will react with acids to produce chlorine gas
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### 10.2. Chemical stability

<b>Stability</b>	Decomposes under normal conditions over a very long period
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Will produce chlorine when reacted with acids. Retail pack will produce such low volumes the risk to health is considered negligible.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid heat, Chlorine gas will be liberated upon heating
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	Avoid contact with acids, organic materials, hydrogen peroxide, metal salts, copper, nickel, iron and ammonia and ammonium compounds - Chlorine gas will be liberated upon contact.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Rapid and extreme decomposition may release acids of phosphorus, phosphorus oxides, carbon oxides, hydrogen chloride, chlorine and chlorine oxides.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

<b>Toxicological effects</b>	This mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.
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### Acute toxicity - inhalation

<b>ATE inhalation (dusts/mists mg/l)</b>	6.67
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## SECTION 12: Ecological Information

## Multi Spray with Bleach

### 12.1. Toxicity

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

### 12.2. Persistence and degradability

**Persistence and degradability** Contains detergents that satisfy the bio-degradation requirements of directive 648/2004/EC. Mixture of Tetrasodium phosphonoethane-1,2-dicarboxylate: hexasodium phosphonobutane-1,2,3,4-tetracarboxylate: not readily biodegradable. OECD method 310C: 9% biodegradation after 28 days.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Bioaccumulation is not expected.

### 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.

### 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

## Multi Spray with Bleach

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

**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

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>Issued by</b>	The London Oil Refining Company Ltd
<b>Revision date</b>	26/09/2016
<b>Revision</b>	3
<b>Supersedes date</b>	24/06/2016
<b>SDS number</b>	5046
<b>Risk phrases in full</b>	R31 Contact with acids liberates toxic gas. R34 Causes burns. R35 Causes severe burns. R36 Irritating to eyes. R36/38 Irritating to eyes and skin. R38 Irritating to skin. R50 Very toxic to aquatic organisms. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>Hazard statements in full</b>	H290 May be corrosive to metals. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. EUH208 Contains Mixture of tetrasodium phosphonoethane-1,2-dicarboxylate and Hexasodium phosphonobutane-1,2,3,4-tetracarboxylate. May produce an allergic reaction.