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

1.1. Product identifier

- Product form: Mixture
- Trade name: Flash Professional All Purpose Cleaner Lemon
- Product code: PA00198259 / 97114090
- Product group: Trade product

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

1.2.1. Relevant identified uses

- Main use category: Professional use
- Function or use category: Washing and cleaning products (including solvent based products)

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Procter & Gamble UK Brooklands, Weybridge, Surrey, KT13 0XP, UK
Tel: 01932 896000 Fax: 01932 896200
Professional: customerservice@pgprof.com

1.4. Emergency telephone number

- Emergency number: (UK) Emergency Tel: 0800 328 8304 (IRL) Emergency Tel: 1800 509 497

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
- Eye Irrit. 2 H319

Full text of hazard classes and H-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]
- Hazard pictograms (CLP): ![Warning]
- Signal word (CLP): Warning
- Hazard statements (CLP): H319 - Causes serious eye irritation
- Precautionary statements (CLP): P101 - If medical advice is needed, have product container or label at hand
- EUH-statements: EUH208 - Contains Benzisothiazolinone. May produce an allergic reaction

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

2.3. Other hazards

Other hazards not contributing to the classification: No presence of PBT and vPvB ingredients.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deceth-8</td>
<td>(CAS no) 26183-52-8 (EC no) Polymer</td>
<td>1 - 5</td>
<td>Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318</td>
</tr>
</tbody>
</table>
Flash Professional All Purpose Cleaner Lemon
Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>C9-11 Pareth-8</td>
<td>(CAS no) 68439-46-3 (EC no) Polymer</td>
<td>1 - 5</td>
<td>Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318</td>
</tr>
<tr>
<td>Benzisothiazolinone</td>
<td>(CAS no) 2634-33-5 (EC no) 220-120-9 (EC index no) 613-088-00-6</td>
<td>&lt; 1</td>
<td>Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400</td>
</tr>
</tbody>
</table>

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures
First-aid measures after inhalation: IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
First-aid measures after skin contact: IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical advice/attention. Discontinue use of product.
First-aid measures after eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
First-aid measures after ingestion: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms/injuries after inhalation: Coughing, sneezing.
Symptoms/injuries after skin contact: Redness, Swelling, dryness, Itching.
Symptoms/injuries after eye contact: Pain, Redness, Swelling.

4.3. Indication of any immediate medical attention and special treatment needed
Refer to section 4.1.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media: Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2).

5.2. Special hazards arising from the substance or mixture
Fire hazard: No fire hazard. Non-combustible.
Explosion hazard: Product is not explosive.
Reactivity: No dangerous reactions known.

5.3. Advice for firefighters
Firefighting instructions: No specific firefighting instructions required.
Protection during firefighting: In case of inadequate ventilation wear respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
6.1.1. For non-emergency personnel
Protective equipment: Wear suitable gloves and eye/face protection.

6.1.2. For emergency responders
Protective equipment: Wear suitable gloves and eye/face protection.

6.2. Environmental precautions
Consumer products ending up down the drain after use. Prevent soil and water pollution. Prevent spreading in sewers.

6.3. Methods and material for containment and cleaning up
For containment: Scoop absorbed substance into closing containers.
Methods for cleaning up: Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Large spills: contain released substance, pump into suitable containers. This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections
Refer to Sections 8 and 13.
SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood. Avoid contact with eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in original container. Refer to section 10.
Incompatible products: Refer to section 10.
Incompatible materials: Refer to section 10.
Prohibitions on mixed storage: Not applicable.
Storage area: Store in a cool area. Store in a dry area.

7.3. Specific end use(s)

Refer to section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National limit values

No additional information available

8.1.2. Monitoring procedures: DNELS, PNECS, OEL

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls: No additional information available

8.2.2. Personal protective equipment

Eye protection: Wear eye/face protection.
Skin and body protection: Not applicable.
Respiratory protection: Not applicable.
Thermal hazard protection: Not applicable.

8.2.3. Environmental exposure controls

Prevent that the undiluted product reaches surface waters.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Unit</th>
<th>Test method/Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical state</td>
<td>Liquid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Colour</td>
<td>Coloured.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Odour</td>
<td>pleasant (perfume).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Odour threshold</td>
<td></td>
<td>ppm</td>
<td>Perceived odor at typical use conditions</td>
</tr>
<tr>
<td>pH</td>
<td>10.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melting point</td>
<td></td>
<td>°C</td>
<td>Not available. This property is not relevant for the safety and classification of this product</td>
</tr>
<tr>
<td>Freezing point</td>
<td></td>
<td>°C</td>
<td>Not available. This property is not relevant for the safety and classification of this product</td>
</tr>
<tr>
<td>Boiling point</td>
<td>101 - 105</td>
<td>°C</td>
<td>TMR. A.2. BOILING TEMPERATURE</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 98</td>
<td>°C</td>
<td></td>
</tr>
<tr>
<td>Relative evaporation rate</td>
<td></td>
<td></td>
<td>Not available. This property is not relevant for the safety and classification of this product</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td></td>
<td></td>
<td>Not applicable. This property is not relevant for liquid product forms</td>
</tr>
</tbody>
</table>
Flash Professional All Purpose Cleaner Lemon  
Safety Data Sheet  
according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### Property

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Unit</th>
<th>Test method/Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explosive limits</td>
<td></td>
<td>g/m³</td>
<td>Not available. This property is not relevant for the safety and classification of this product</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td></td>
<td></td>
<td>Not available. This property is not relevant for the safety and classification of this product</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.0079</td>
<td></td>
<td>TMR. A.3. RELATIVE DENSITY</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in water.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Log Pow</td>
<td></td>
<td></td>
<td>Not applicable. This property is not relevant for mixtures</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td></td>
<td></td>
<td>Not available. This property is not relevant for the safety and classification of this product</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td></td>
<td>°C</td>
<td>Not available. This property is not relevant for the safety and classification of this product</td>
</tr>
<tr>
<td>Viscosity</td>
<td>5</td>
<td>cP</td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td></td>
<td></td>
<td>Not applicable. This product is not classified as explosive as it does not contain any substances which possesses explosive properties CLP (Art 14 (2)).</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td></td>
<td></td>
<td>Not applicable. This product is not classified as oxidizing as it does not contain any substances which possesses oxidizing properties CLP (Art 14 (2)).</td>
</tr>
</tbody>
</table>

### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No dangerous reactions known.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Refer to section 10.1 on Reactivity.

#### 10.4. Conditions to avoid

Not required for normal conditions of use.

#### 10.5. Incompatible materials

Not applicable.

#### 10.6. Hazardous decomposition products

None under normal use.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Mixture

<table>
<thead>
<tr>
<th>Flash Professional All Purpose Cleaner Lemon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
</tr>
<tr>
<td>Serious eye damage/irritiation</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
</tr>
<tr>
<td>Carcinogenicity</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
</tr>
<tr>
<td>Aspiration hazard</td>
</tr>
</tbody>
</table>

(*) Based upon available data of the substances and/or the product, product classification criteria are not met. See Section 2 and Section 16 for applicable hazard classification and classification procedure, respectively.
11.1.2. Substances in the mixture
Acute toxicity:

<table>
<thead>
<tr>
<th>Substance</th>
<th>LD50 oral rat</th>
<th>EC50 Daphnia 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzisothiazolinone (2634-33-5)</td>
<td>&gt;300-2000 mg/kg bw</td>
<td>3.7 mg/l</td>
</tr>
<tr>
<td>Deceth-8 (26183-52-8)</td>
<td>&gt;300-2000 mg/kg bw</td>
<td>10 mg/l</td>
</tr>
<tr>
<td>C9-11 Pareth-8 (68439-46-3)</td>
<td>&gt;300-2000 mg/kg bw</td>
<td>10 mg/l</td>
</tr>
</tbody>
</table>

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general: No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended. The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

<table>
<thead>
<tr>
<th>Substance</th>
<th>LC50 fishes 1</th>
<th>EC50 Daphnia 1</th>
<th>LC50 fish 2</th>
<th>EC50 Daphnia 2</th>
<th>ErC50 (algae)</th>
<th>ErC50 (other aquatic plants)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzisothiazolinone (2634-33-5)</td>
<td>1.9 mg/l</td>
<td>3.7 mg/l</td>
<td>0.19 mg/l</td>
<td>1.9 mg/l Mysis shrimp (Mysisopsis bahia) 96 h</td>
<td>0.38 mg/l</td>
<td>0.4 mg/l</td>
</tr>
<tr>
<td>Deceth-8 (26183-52-8)</td>
<td>10 mg/l</td>
<td>10 mg/l</td>
<td>140 mg/l</td>
<td></td>
<td>10 mg/l</td>
<td></td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

Deceth-8 (26183-52-8)
Persistence and degradability: The substance is biodegradable. Unlikely to persist.
Biodegradation: > 60 %

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

Deceth-8 (26183-52-8)
Mobility in soil: 2000 (≥ 5000)

12.5. Results of PBT and vPvB assessment

Flash Professional All Purpose Cleaner Lemon
Results of PBT assessment: No presence of PBT and vPvB ingredients

12.6. Other adverse effects

Other information: No other effects known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

13.1.1. Regional legislation (waste): Disposal must be done according to official regulations.
13.1.2. Disposal recommendations: The waste codes/waste designations below are in accordance with EWC. Waste must be delivered to an approved waste disposal company. The waste is to be kept separate from other types of waste until its disposal. Do not throw waste product into the sewer. Where possible recycling is preferred to disposal or incineration.
13.1.3. EURAL Waste code product: 20 01 29* - detergents containing dangerous substances 15 01 10* - packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

14.1. UN number

Not applicable
14.2. UN proper shipping name
Not applicable

14.3. Transport hazard class(es)
Not applicable

14.4. Packing group
Not applicable

14.5. Environmental hazards
Not applicable

14.6. Special precautions for user
Not applicable

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

SECTION 15: Regulatory information

Ingredient label: <5% Non-ionic surfactants, Soap; Benzisothiazolinone, Glutaral, Perfumes, Citral, Citronellol, Hexyl cinnamal, Limonene, Linalool.

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

15.1.1. EU-Regulations
Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances
CESIS recommendations: The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.


15.1.2. National regulations
No additional information available

15.2. Chemical safety assessment
No chemical safety assessment has been carried out

SECTION 16: Other information

16.1. Indication of changes
Indication of changes: Not applicable

16.2. Abbreviations and acronyms
LC50: Lethal Concentration to 50 % of a test population. LD50: Lethal Dose to 50% of a test population (Median Lethal Dose). PBT: Persistent, Bioaccumulative and Toxic substance. PNEC(s): Predicted No Effect Concentration(s). vPvB: Very Persistent and Very Bioaccumulative. DNEL: Derived-No Effect Level.

16.3. Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

<table>
<thead>
<tr>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
<th>classification procedure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Irrit. 2</td>
<td>Calculation method</td>
</tr>
</tbody>
</table>

16.4. Relevant R-phrases and/or H-statements (number and full text) for mixture and substances

<table>
<thead>
<tr>
<th>Acute Tox. 4 (Oral)</th>
<th>Acute toxicity (oral), Category 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquatic Acute 1</td>
<td>Hazardous to the aquatic environment — AcuteHazard, Category 1</td>
</tr>
<tr>
<td>Eye Dam. 1</td>
<td>Serious eye damage/eye irritation, Category 1</td>
</tr>
<tr>
<td>Eye Irrit. 2</td>
<td>Serious eye damage/eye irritation, Category 2</td>
</tr>
<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation, Category 2</td>
</tr>
<tr>
<td>Skin Sens. 1</td>
<td>Sensitisation — Skin, category 1</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage.</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation.</td>
</tr>
</tbody>
</table>
16.5. Training advice

Normal use of this product shall imply use in accordance with the instructions on the packaging.

16.6. Further information

Salts listed in Section 3 without a REACh Registration number are exempt, based on Annex V

SDS P&G CLP

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.