

According to Regulation (EC) No. 1907/2006 (REACH) and its amendment Regulation (EU) 2015/830

Issuing Date: 30-May-2018

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Version 1

**Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1 Product identifier**

**Product Form** Mixture  
**Product Name** Flash Professional with Febreze Freshness Cotton Fresh All Purpose Cleaner  
**Product Identifier** 90634546\_A\_PGP\_CLP\_EUR  
**Synonyms** PA00201284  
**Product group** Trade Product

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

**Recommended Use** Restricted to professional users  
**Main user category** SU 22 - Professional uses  
**Use category** PC35 - Washing and cleaning products (including solvent based products)  
**Uses advised against** No information available

**Product category** Specialty Cleaners Liquid

**1.3 Details of the supplier of the safety data sheet**

**Details of the supplier of the safety data sheet** Procter & Gamble UK Brooklands PGP, Weybridge, Surrey, KT13 0XP, UK Tel: 01932 896000 Fax: 01932 896200  
**E-mail Address** pgsds.im@pg.com

**1.4 Emergency Telephone Number**

**Emergency Telephone** (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 and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]**

**Serious eye damage/eye irritation** Category 2 - (H319)

For the full text of the H-Statements mentioned in this Section, see Section 16.

**Adverse human health effects and symptoms**

No information available

**2.2 Label elements**

**Label according to Regulation (EC) No. 1272/2008**



**Signal Word** WARNING

**Hazard Statements** H319 - Causes serious eye irritation

**Precautionary Statements**

P101 - If medical advice is needed, have product container or label at hand  
P102 - Keep out of reach of children  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing

EUH208 - Contains Benzisothiazolinone . May produce an allergic reaction.

**2.3 Other hazards**

**Other hazards which do not result in classification** No presence of PBT and vPvB ingredients

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Substances**

Not applicable.

**3.2 Mixtures**

Chemical Name	CAS-No	EC-No	REACH Registration No	Weight-%	GHS / CLP Classification 1272/2008 [CLP]	M-Factor (chronic)	M-Factor (acute)
Deceth-8	26183-52-8	Polymer		1 - 5	Acute Tox. 4 (Oral)(H302) Eye Dam. 1(H318)	1	1
C9-11 Pareth-8	68439-46-3	Polymer		1 - 5	Acute Tox. 4 (Oral)(H302) Eye Dam. 1(H318)	1	1
Lauramine Oxide	308062-28-4		01-2119490061-47	<1	Acute Tox. 4 (Oral)(H302) Skin Irrit. 2(H315) Eye Dam. 1(H318) Aquatic Acute 1(H400) Aquatic Chronic 2(H411)	1	1
Benzisothiazolinone	2634-33-5	220-120-9		<1	Acute Tox. 4 (Oral)(H302) Skin Irrit. 2(H315) Eye Dam. 1(H318) Skin Sens. 1(H317) Aquatic Acute 1(H400)	1	1

For the full text of the H-Statements mentioned in this Section, see Section 16.

**Section 4: FIRST AID MEASURES**

**4.1 Description of first-aid measures**

**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 exposed or you feel unwell.

**Skin contact** IF ON SKIN: Wash with plenty of water and soap. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical advice/attention. Discontinue use of product.

**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.

**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.

**Symptoms/injuries after ingestion** Oral mucosal or gastro-intestinal irritation. Nausea. Vomiting. Excessive secretion. Diarrhea.

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

Refer to section 4.1

**Section 5: FIRE FIGHTING MEASURES**

### 5.1 Extinguishing media

**Suitable extinguishing media** Dry chemical powder. Alcohol resistant foam. Carbon dioxide (CO<sub>2</sub>).

**Extinguishing Media Which Must Not Be Used For Safety Reasons** Not applicable.

### 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 reaction known under conditions of normal use.

### 5.3 Advice for firefighters

**Special protective equipment for fire-fighters** No specific firefighting instructions required.

**Protective equipment and precautions for firefighters** In case of inadequate ventilation wear respiratory protection.

## Section 6: ACCIDENTAL RELEASE MEASURES

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

**For non-emergency personnel** Wear suitable gloves and eye/face protection.

**Advice for emergency responders** Wear suitable gloves and eye/face protection.

### 6.2 Environmental precautions

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

### 6.3 Methods and materials for containment and cleaning up

**Methods 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.

**Other information** Not applicable.

### 6.4 Reference to other sections

**Other information** Refer to Sections 8 and 13.

## Section 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

**Advice on 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

**Technical measures/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.

**Requirements for storage rooms and containers** Store in a cool area. Store in a dry area.

### 7.3. Specific end use(s)

**Specific end uses** Refer to section 1.2.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

**National Occupational Exposure** No information available

## Limits

### Derived No Effect Level (DNEL)

### Consumers

Chemical Name	CAS-No	Consumer - oral, long-term - systemic	Consumer - inhalative, long-term - local	Consumer - dermal, long-term - local
Lauramine Oxide	308062-28-4	0.44 mg/kg bw/d		

### Predicted No Effect Concentration (PNEC)

Chemical Name	CAS-No	Fresh Water	Marine water	Intermittent release
Lauramine Oxide	308062-28-4	0.0335 mg/L	0.00335 mg/L	0.0335 mg/L

Chemical Name	CAS-No	Freshwater sediment	Marine sediment	Sewage treatment plant
Lauramine Oxide	308062-28-4	5.24 mg/kg sediment dw	0.524 mg/kg sediment dw	24 mg/L

Chemical Name	CAS-No	Soil	air	Oral
Lauramine Oxide	308062-28-4	1.02 mg/kg soil dw		

## 8.2 Exposure controls

**Appropriate engineering controls** No information available

**Personal protective equipment** Protective personal equipment only required in case of professional use or for large packs (not for household packs). For consumer use please follow recommendation as indicated on the label of the product.

**Hand Protection** Not applicable.

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

**Skin and Body Protection** Not applicable.

**Respiratory Protection** Not applicable.

**Thermal hazards** Not applicable.

**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

Property	Value / Units	Test Method / Notes
Appearance	Liquid	
Physical State @20°C	Liquid	
Color	No data available	
Odor	pleasant (perfume)	
Odor threshold	No data available	Perceived odor at typical use conditions
pH	11	OECD 122
Melting Point / Freezing Point	No data available	Not available. This property is not relevant for the safety and classification of this product
Boiling point / boiling range	100 - 105 °C	TMR A.2.
Flash point	No data available	No Flash to Boiling (NFTB).
Relative Evaporation Rate (butylacetate=1)	No data available	Not available. This property is not relevant for the safety and classification of this product
Flammability (solid, gas)	Not applicable	Not applicable. This property is not relevant for liquid product forms
Explosive limits	No data available	Not available. This property is not relevant for the safety and

		classification of this product .
<b>Vapor pressure</b>	No data available	Not available. This property is not relevant for the safety and classification of this product
<b>Relative density</b>	1.0164	TMR. A.3
<b>Solubility</b>	Soluble in water	
<b>Partition Coefficient (n-octanol/water)</b>	No data available	Not applicable. This property is not relevant for mixtures
<b>Autoignition temperature</b>	No data available	Not available. This property is not relevant for the safety and classification of this product
<b>Decomposition temperature</b>	No data available	Not available. This property is not relevant for the safety and classification of this product
<b>Viscosity</b>	5 cps	OECD 114
<b>Explosive properties</b>	Not applicable	Not applicable. This product is not classified as explosive as it does not contain any substances which possesses explosive properties CLP (Art 14 (2)).
<b>Oxidizing properties</b>	Not applicable	Not applicable. This product is not classified as oxidizing as it does not contain any substances which possesses oxidizing properties CLP (Art 14 (2) )

**9.2 Other information**

Other information No 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**

See section 10.1 on reactivity for more information.

**10.4 Conditions to Avoid**

None under normal use conditions.

**10.5 Incompatible materials**

Not applicable.

**10.6 Hazardous Decomposition Products**

None under normal use conditions.

**Section 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

Mixture

<b>Acute toxicity</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Skin corrosion/irritation</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.
<b>Skin sensitization</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Respiratory sensitization</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>STOT - single exposure</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>STOT - repeated exposure</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Not Classified. Based on the available data, the classification criteria are not met.

Substances in the mixture

Chemical Name	CAS-No	Oral LD50	Dermal LD50	Inhalation LC50
C9-11 Pareth-8	68439-46-3	>300-2000 mg/kg bw	-	-
Lauramine Oxide	308062-28-4	1064 mg/kg bw (OECD 401)	> 2000 mg/kg bw (OECD 402)	-
Benzisothiazolinone	2634-33-5	1020 mg/kg	-	-

## Section 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Ecotoxicity effects

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.

#### Acute toxicity

Chemical Name	CAS-No	Toxicity to Fish (LC50)*	Toxicity to algae (EC50)*	Toxicity to daphnia and other aquatic invertebrates (EC50)*	Toxicity to Microorganisms (EC50)*
Lauramine Oxide	308062-28-4	2.67 mg/L (Pimephales promelas; 96 h)	0.266 mg/L (//OECD 201; Pseudokirchneriella subcapitata; 72 h)	3.1 mg/L (OECD 202; Daphnia magna; 48 h)	-
Benzisothiazolinone	2634-33-5	0.00997 mg/L (Oncorhynchus mykiss; 96 h)	-	0.02743 mg/L (Daphnia magna; 48 h)	-

#### Chronic Toxicity

Chemical Name	CAS-No	Toxicity to algae (NOEC or ECx)*	Toxicity to fish (NOEC or ECx)*	Toxicity to Microorganisms (NOEC or ECx)*	Toxicity to daphnia and other aquatic invertebrates (NOEC or ECx)*
Lauramine Oxide	308062-28-4	0.078 mg/L (//OECD 201; Pseudokirchneriella subcapitata; 3 d)	0.42 mg/L (//US EPA OPPTS 850.1500; Pimephales promelas; 302 d)	24 mg/L (Pseudomonas putida; 18 h)	0.7 mg/L (//OECD 211; Daphnia magna; 21 d)

### 12.2 Persistence and degradability

#### Persistence and degradability

Chemical Name	CAS-No	Persistence and degradability	Ready Biodegradation Test (OECD 301)
Lauramine Oxide	308062-28-4	Biodegradable	90% CO <sub>2</sub> ; OECD 301 B; > 60% (10 d)

### 12.3 Bioaccumulative potential

#### Bioaccumulative potential

No information available.

Chemical Name	CAS-No	Bioaccumulative potential	Octanol/water partition coefficient
Lauramine Oxide	308062-28-4	Not expected to bioaccumulate due to the low log Kow (log Kow < 4)	< 2.7
Benzisothiazolinone	2634-33-5	Not measured	

### 12.4 Mobility in soil

#### Mobility

No information available.

### 12.5 Results of PBT and vPvB assessment

#### PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

### 12.6 Other adverse effects

#### Other adverse effects

No information available.

## Section 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### Waste from Residues/Unused Products

Dispose of in accordance with local regulations.

<b>Disposal Recommendations</b>	The waste codes/waste designations below are in accordance with EWC. Waste must be delivered to an approved waste disposal company. 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. Empty, uncleaned packaging need the same disposal considerations as filled packaging. For handling waste, see measures described in section 7.
<b>EWC Waste Disposal No</b>	20 01 29* - detergents containing dangerous substances 15 01 10* - packaging containing residues of or contaminated by dangerous substances

## Section 14: TRANSPORT INFORMATION

### IMDG

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 and the IBC Code	Not applicable

### IATA

14.1 UN no	Not applicable
14.2 UN Proper shipping name	Not applicable
14.3 Hazard Class	Not applicable
14.4 Packing Group	Not applicable
14.5 Environmental Hazards	Not applicable
14.6 Special precautions for user	Not applicable

### ADR

14.1 UN no	Not applicable
14.2 UN Proper shipping name	Not applicable
14.3 Hazard Class	Not applicable
14.4 Packing Group	Not applicable
14.5 Environmental Hazards	Not applicable
14.6 Special precautions for user	Not applicable

### RID

14.1 UN no	Not applicable
14.2 UN Proper shipping name	Not applicable
14.3 Hazard Class	Not applicable
14.4 Packing Group	Not applicable
14.5 Environmental Hazards	Not applicable
14.6 Special precautions for user	Not applicable

### ADN

14.1 UN no	Not applicable
14.2 UN Proper shipping name	Not applicable
14.3 Hazard Class	Not applicable
14.4 Packing Group	Not applicable
14.5 Environmental Hazards	Not applicable
14.6 Special precautions for user	Not applicable

## Section 15: REGULATORY INFORMATION

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

<5% Non-ionic surfactants, <5% Phosphonates, <5% Anionic surfactants ; Preservative, Benzisothiazolinone , Perfumes, Alpha-Isomethyl Ionone, Hexyl Cinnamal, Limonene

#### EU Regulations

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended** Contains no REACH substances with Annex XVII restrictions.

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended** Contains no substance on the REACH candidate list.

**Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorisation** Contains no REACH Annex XIV substances.

**CESIO 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.

**Other regulations, restrictions and prohibition regulations** Regulation (EC) No. 648/2004 (Detergents regulation). Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]. Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006).

#### National regulatory information

#### 15.2 Chemical Safety Assessment

**Chemical Safety Assessment** No chemical safety assessment has been carried out for this mixture per REACH regulation.

### Section 16: OTHER INFORMATION

#### 16.1 Indication of changes

**Issuing Date:** 30-May-2018  
**Revision Date:** 30-May-2018  
**Reason for revision** Not applicable

#### 16.2 Abbreviations and acronyms

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
ATE: Acute Toxicity Estimate  
DNEL: Derived No Effect Level  
IATA: International Air Transport Association  
IMDG: International Maritime Dangerous Goods Code  
LC50: Lethal Concentration to 50% of a test population  
LD50: Lethal Dose to 50% of a test population (Median Lethal Dose)  
OEL: Occupational Exposure Limit  
PBT: Persistent, Bioaccumulative and Toxic substance  
PNEC(s): Predicted No Effect Concentration(s)  
REACH- Registration, Evaluation and Authorization of Chemicals  
vPvB: Very Persistent and Very Bioaccumulative

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

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

Category 2 Expert judgment and weight of evidence determination - Calculation method

#### 16.4 Full text of H-Statements referred to under sections 2 and 3

##### **Full text of H-Statements referred to under sections 2 and 3**

H302 - Harmful if swallowed



H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H400 - Very toxic to aquatic life  
H411 - Toxic to aquatic life with long lasting effects

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006  
and its amendment Regulation (EU) 2015/830

#### **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.

*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.*

**End of SDS**