

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

Issuing Date: 21-Sep-2018

Revision Date: 21-Sep-2018

Version 1

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

### 1.1 Product identifier

Product Form	Mixture
Product Name	Fairy Professional Commercial Rinse Aid
Product Identifier	97508527_PGP_CLP_EUR
Synonyms	PA00197298
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 Rinse Aid

### 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]

Skin corrosion/irritation	Category 2 - (H315)
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

H315 - Causes skin irritation  
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  
 P302 + P352 - IF ON SKIN: Wash with plenty of water

**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)
Citric Acid	77-92-9	201-069-1	01-2119457026-42	10 - 20	Eye Irrit. 2 (H319)	1	1
Alcohols, C12-15, ethoxylated propoxylated	68551-13-3	Polymer		5 - 10	Skin Irrit. 2(H315) Aquatic Acute 1(H400)	1	1
Isopropyl Alcohol	67-63-0	200-661-7	01-2119457558-25	1 - 5	Flam. Liq. 2(H225) Eye Irrit. 2(H319) STOT SE 3(H336)	1	1
Sodium Cumenesulfonate	28348-53-0	248-983-7	01-2119489411-37	1 - 5	Eye Irrit. 2(H319) STOT SE 3(H335)	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. Remove/Take off immediately all contaminated clothing. 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** Severe pain. Redness. Swelling. Blurred vision.  
**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** Avoid contact with eyes. Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood.

**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 uses**

Cleaning/washing agents and additives.

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

**National Occupational Exposure Limits**

Chemical Name	CAS-No	Norway	Ireland	United Kingdom	European Union
Isopropyl Alcohol	67-63-0	TWA: 100 ppm TWA: 245 mg/m <sup>3</sup>	TWA: 200 ppm STEL: 400 ppm	STEL: 500 ppm STEL: 1250 mg/m <sup>3</sup>	

		STEL: 125 ppm STEL: 306.25 mg/m <sup>3</sup>	Skin	TWA: 400 ppm TWA: 999 mg/m <sup>3</sup>	
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### Derived No Effect Level (DNEL) Workers

Chemical Name	CAS-No	Worker - inhalative, short-term - local	Worker - dermal, long-term - systemic	Worker - inhalative, long-term - systemic
Isopropyl Alcohol	67-63-0		888 mg/kg bw/d	500 mg/m <sup>3</sup>
Sodium Cumenesulfonate	28348-53-0		136.25 mg/kg bw/d	26.9 mg/m <sup>3</sup>

Chemical Name	CAS-No	Worker - dermal, long-term - local	Worker - inhalative, long-term - local
Sodium Cumenesulfonate	28348-53-0	0.096 mg/cm <sup>2</sup>	

### Consumers

Chemical Name	CAS-No	Consumer - oral, long-term - systemic	Consumer - inhalative, long-term - local	Consumer - dermal, long-term - local
Citric Acid	77-92-9	25 mg/kgbw.d		
Isopropyl Alcohol	67-63-0	26 mg/kg bw/d		
Sodium Cumenesulfonate	28348-53-0	3.8 mg/kg bw/d		0.048 mg/cm <sup>2</sup>

Chemical Name	CAS-No	Consumer - inhalative, long-term - systemic	Consumer - dermal, long-term - systemic
Citric Acid	77-92-9	87 mg/m <sup>3</sup>	1250 mg/kgbw.d
Isopropyl Alcohol	67-63-0	89 mg/m <sup>3</sup>	319 mg/kg bw/d
Sodium Cumenesulfonate	28348-53-0	6.6 mg/m <sup>3</sup>	68.1 mg/kg bw/d

### Predicted No Effect Concentration (PNEC)

Chemical Name	CAS-No	Fresh Water	Marine water	Intermittent release
Citric Acid	77-92-9	0.44 mg/L	0.044 mg/L	
Isopropyl Alcohol	67-63-0	140.9 mg/L	140.9 mg/L	140.9 mg/L
Sodium Cumenesulfonate	28348-53-0	0.23 mg/L	0.023 mg/L	2.3 mg/L

Chemical Name	CAS-No	Freshwater sediment	Marine sediment	Sewage treatment plant
Citric Acid	77-92-9	34.6 mg/kg sediment dw	3.46 mg/kg sediment dw	1000 mg/L
Isopropyl Alcohol	67-63-0	552 mg/kg sediment dw	552 mg/kg sediment dw	2251 mg/L
Sodium Cumenesulfonate	28348-53-0	0.862 mg/kg sediment dw	0.086 mg/kg sediment dw	100 mg/L

Chemical Name	CAS-No	Soil	air	Oral
Citric Acid	77-92-9	33.1 mg/kg soil dw		
Isopropyl Alcohol	67-63-0	28 mg/kg soil dw		
Sodium Cumenesulfonate	28348-53-0	0.037 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	Colorless	
Odor	Odorless	
Odor threshold	No data available	Perceived odor at typical use conditions
pH	2 - 3.5	
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	No data available	
Flash point	45 - 50 °C	Does not sustain combustion <=75°C
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	No data available
Upper/lower flammability or explosive limits	No data available	Not available. This property is not relevant for the safety and classification of this product
Vapor pressure	No data available	Not available. This property is not relevant for the safety and classification of this product
Relative density	No data available	
Solubility	Soluble in water	
Partition Coefficient (n-octanol/water)	Not available	Not applicable. This property is not relevant for mixtures
Autoignition temperature	No data available	Not available. This property is not relevant for the safety and classification of this product
Decomposition temperature	No data available	Not available. This property is not relevant for the safety and classification of this product
Viscosity	No data available	
Explosive properties	No data available	Not applicable. This product is not classified as explosive as it does not contain any substances which possesses explosive properties CLP (Art 14 (2)).
Oxidizing properties	No data available	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>	Causes skin irritation.
<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
Citric Acid	77-92-9	5400 mg/kg bw (//OECD 401)	> 2000 mg/kg bw (OECD 402)	-
Isopropyl Alcohol	67-63-0	5840 mg/kg bw (//OECD 401)	-	> 24.578 mg/L air (//OECD 403)
Sodium Cumenesulfonate	28348-53-0	> 7000 mg/kg bw (OECD 401)	> 2000 mg/kg bw (//OECD 402)	> 6.41 mg/L air

**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)*
Citric Acid	77-92-9	440 mg/L (//OECD 203; Leuciscus idus melanotus; 48 h)	-	1535 mg/L (Daphnia magna; 24 h)	-
Isopropyl Alcohol	67-63-0	9640 mg/L (//OECD 203; Pimephales promelas; 96 h)	-	> 10000 mg/L (//OECD 202; Daphnia magna; 24 h)	-
Sodium Cumenesulfonate	28348-53-0	> 1000 mg/L (//US EPA OTS 797.1400; Oncorhynchus mykiss; 96 h)	> 230 mg/L (US EPA OTS 797.1050; Pseudokirchnerella subcapitata; 96 h)	> 1000 mg/L (US EPA OTS 797.1300; Daphnia magna; 48 h)	EC10: > 1000 mg/L (Data on CAS# 28348-53-0; OECD 209; activated sludge of a predominantly domestic sewage; static; freshwater; based on active ingredient)

**Chronic Toxicity**

Chemical Name	CAS-No	Toxicity to fish (NOEC or ECx)*	Toxicity to algae (NOEC or ECx)*	Toxicity to daphnia and other aquatic invertebrates (NOEC or ECx)*	Toxicity to Microorganisms (NOEC or ECx)*
Citric Acid	77-92-9		425 mg/L (Scenedesmus quadricauda; 8 d)		
Sodium Cumenesulfonate	28348-53-0		31 mg/L (US EPA OTS 797.1050;		> 1000 mg/L (OECD 209; 0.125 d)

			Pseudokirchnerella subcapitata; 4 d)		
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**12.2 Persistence and degradability****Persistence and degradability**

Chemical Name	CAS-No	Persistence and degradability	Ready Biodegradation Test (OECD 301)
Citric Acid	77-92-9	Biodegradable.	100% DOC; OECD 301 E; 19 d; > 60% (10 d)
Isopropyl Alcohol	67-63-0		53% O <sub>2</sub> ; //EC 440/2008 C.5; 5 d
Sodium Cumenesulfonate	28348-53-0		99.8% 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
Citric Acid	77-92-9	Not expected to bioaccumulate due to the low log Kow (log Kow < 4)	-1.55
Isopropyl Alcohol	67-63-0	Not expected to bioaccumulate due to the low log Kow (log Kow < 4)	0.05
Sodium Cumenesulfonate	28348-53-0		-1.1

**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.

**Disposal Recommendations**

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.

**EWC Waste Disposal No**

20 01 29\* - detergents containing dangerous substances

15 01 10\* - packaging containing residues of or contaminated by dangerous substances

**13.2 Additional information****Section 14: TRANSPORT INFORMATION****IMDG**

<b>14.1 UN Number</b>	Not applicable
<b>14.2 UN proper shipping name</b>	Not applicable
<b>14.3 Transport hazard class(es)</b>	Not applicable
<b>14.4 Packing Group</b>	Not applicable
<b>14.5 Environmental Hazards</b>	Not regulated
<b>14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code</b>	No information available

**IATA**

<b>14.1 UN Number</b>	Not applicable
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<b>14.2 UN proper shipping name</b>	Not applicable
<b>14.3 Transport hazard class(es)</b>	Not applicable
<b>14.4 Packing Group</b>	Not applicable
<b>14.5 Environmental Hazards</b>	Not regulated

**ADR**

<b>14.1 UN Number</b>	Not applicable
<b>14.2 UN proper shipping name</b>	Not applicable
<b>14.3 Transport hazard class(es)</b>	Not applicable
<b>14.4 Packing Group</b>	Not applicable
<b>14.5 Environmental Hazards</b>	Not regulated

**RID**

<b>14.1 UN Number</b>	Not applicable
<b>14.2 UN proper shipping name</b>	Not applicable
<b>14.3 Hazard Class</b>	Not applicable
<b>14.4 Packing Group</b>	Not applicable
<b>14.5 Environmental Hazards</b>	Not regulated

**ADN**

<b>14.1 UN Number</b>	Not applicable
<b>14.2 UN proper shipping name</b>	Not applicable
<b>14.3 Hazard Class</b>	Not applicable
<b>14.4 Packing Group</b>	Not applicable
<b>14.5 Environmental Hazards</b>	Not regulated

**Section 15: REGULATORY INFORMATION**

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

5%-15% Non-ionic surfactants, <5% Phosphonates ;

**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** 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). Classification according to EU Directives 67/548/EEC or 1999/45/EC.

**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

<b>Issuing Date:</b>	21-Sep-2018
<b>Revision Date:</b>	21-Sep-2018
<b>Reason for revision</b>	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]

#### Skin corrosion/irritation

Category 2 - Calculation method

#### Serious eye damage/eye irritation

Category 2 Expert judgment and weight of evidence determination

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

H225 - Highly flammable liquid and vapor  
H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H335 - May cause respiratory irritation  
H336 - May cause drowsiness or dizziness  
H400 - Very toxic to aquatic life

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**