

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

Issuing Date: 14-May-2018

Revision Date: 14-May-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 Antibacterial Washing Up Liquid
Product Identifier	91646167_PGP_CLP_EUR
Synonyms	PA00219726
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	Hand Dish
------------------	-----------

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)
Chronic aquatic toxicity	Category 3 - (H412)

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	H412 - Harmful to aquatic life with long lasting effects
-------------------	--

H319 - Causes serious eye irritation

Precautionary Statements

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
P337 + P313 - If eye irritation persists: Get medical advice/attention
P501 - Dispose of contents/container to an appropriate local waste system

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)
Sodium Laureth Sulfate	68585-34-2			20 - 30	Acute Tox. 4 (Oral)(H302) Skin Irrit. 2(H315) Eye Dam. 1(H318) Aquatic Chronic 3(H412)	1	1
Lauramine Oxide	308062-28-4		01-2119490061-47	5 - 10	Acute Tox. 4 (Oral)(H302) Skin Irrit. 2(H315) Eye Dam. 1(H318) Aquatic Acute 1(H400) Aquatic Chronic 2(H411)	1	1
Alcohol	64-17-5	200-578-6	01-2119457610-43-04 79	1 - 5	Flam. Liq. 2(H225) Eye Irrit. 2(H319)	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. 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 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 ₂).
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. Use personal protective equipment as required. 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 use(s)

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

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

National Occupational Exposure Limits No information available

Chemical Name	CAS-No	Norway	Ireland	United Kingdom	European Union
Alcohol	64-17-5	TWA: 500 ppm TWA: 950 mg/m ³ STEL: 625 ppm STEL: 1187.5 mg/m ³	STEL: 1000 ppm	STEL: 3000 ppm STEL: 5760 mg/m ³ TWA: 1000 ppm TWA: 1920 mg/m ³	

Derived No Effect Level (DNEL)

Consumers

Chemical Name	CAS-No	Consumer - inhalative, short-term - local	Consumer - dermal, short-term - local	Consumer - oral, short-term - systemic
Alcohol	64-17-5	950 mg/m ³		

Chemical Name	CAS-No	Consumer - oral, long-term - systemic	Consumer - inhalative, long-term - local	Consumer - dermal, long-term - local
Sodium Laureth Sulfate	68585-34-2	15 mg/kg bw		
Lauramine Oxide	308062-28-4	0.44 mg/kg bw/d		
Alcohol	64-17-5	87 mg/kg bw/d		
Sodium Cumenesulfonate	28348-53-0	3.8 mg/kg bw/d		0.048 mg/cm ²

Predicted No Effect Concentration (PNEC)

Chemical Name	CAS-No	Fresh Water	Marine water	Intermittent release
Sodium Laureth Sulfate	68585-34-2	0.24 mg/l	0.024 mg/l	0.071 mg/l
Lauramine Oxide	308062-28-4	0.0335 mg/L	0.00335 mg/L	0.0335 mg/L
Alcohol	64-17-5	0.96 mg/L	0.79 mg/L	2.75 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
Sodium Laureth Sulfate	68585-34-2	5.45 mg/kg dwt	0.545 mg/kg dwt	10000 mg/l
Lauramine Oxide	308062-28-4	5.24 mg/kg sediment dw	0.524 mg/kg sediment dw	24 mg/L
Alcohol	64-17-5	3.6 mg/kg sediment dw	2.9 mg/kg sediment dw	580 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
Sodium Laureth Sulfate	68585-34-2	0.946 mg/kg dwt		
Lauramine Oxide	308062-28-4	1.02 mg/kg soil dw		
Alcohol	64-17-5	0.63 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	Coloured	
Odor	pleasant (perfume)	
Odor threshold	No data available	Perceived odor at typical use conditions
pH	8.7 - 9.3	
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	> 95 °C	
Flash point	> 60 °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	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 .
Vapor pressure	No data available	Not available. This property is not relevant for the safety and classification of this product
Relative density	1.0331	
Solubility	Soluble in water	
Partition Coefficient (n-octanol/water)	No data 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	750 - 1250 cps	
Explosive properties	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)).
Oxidizing properties	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

Acute toxicity	Not Classified. Based on the available data, the classification criteria are not met.
Skin corrosion/irritation	Not Classified. Based on the available data, the classification criteria are not met.
Serious eye damage/eye irritation	Causes serious eye irritation.
Skin sensitization	Not Classified. Based on the available data, the classification criteria are not met.
Respiratory sensitization	Not Classified. Based on the available data, the classification criteria are not met.
Germ cell mutagenicity	Not Classified. Based on the available data, the classification criteria are not met.
Carcinogenicity	Not Classified. Based on the available data, the classification criteria are not met.
Reproductive toxicity	Not Classified. Based on the available data, the classification criteria are not met.
STOT - single exposure	Not Classified. Based on the available data, the classification criteria are not met.
STOT - repeated exposure	Not Classified. Based on the available data, the classification criteria are not met.
Aspiration hazard	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
Sodium Laureth Sulfate	68585-34-2	1510 mg/kg/bw	-	-
Lauramine Oxide	308062-28-4	1064 mg/kg bw (OECD 401)	> 2000 mg/kg bw (OECD 402)	-
Alcohol	64-17-5	10470 mg/kg bw (OECD 401)	-	-
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 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic 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)	-
Alcohol	64-17-5	14200 mg/L (US EPA E03-05; Pimephales promelas; 96 h)	275 mg/L (//OECD 201; Chlorella vulgaris; 72 h)	5012 mg/L (ASTM E729-80; Ceriodaphnia dubia; 48 h)	> 1000 mg/L (OECD 209; 3 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; Pseudokirchneriella 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 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)
Alcohol	64-17-5	11.5 mg/L (//OECD 201; Chlorella vulgaris; 3 d)	7900 mg/L (Oryzias latipes; 8.33 d)		9.6 mg/L (Ceriodaphnia dubia; 10 d)
Sodium Cumenesulfonate	28348-53-0	31 mg/L (US EPA OTS 797.1050; Pseudokirchnerella subcapitata; 4 d)		> 1000 mg/L (OECD 209; 0.125 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 ₂ ; OECD 301 B; > 60% (10 d)
Alcohol	64-17-5	Biodegradable	84% O ₂ ; 20 d
Sodium Cumenesulfonate	28348-53-0		99.8% CO ₂ ; 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
Alcohol	64-17-5	Not expected to bioaccumulate due to the low log Kow (log Kow < 4)	-0.35
Sodium Cumenesulfonate	28348-53-0		-1.1

12.4 Mobility in soil**Mobility**

No information available.

Chemical Name	CAS-No	log Koc
Alcohol	64-17-5	1 (QSAR PCKOCWIN v1.66)

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

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

15-30% Anionic surfactants, 5%-15% Non-ionic surfactants ; Preservative, Methylisothiazolinone, Phenoxyethanol , Perfumes, Citronellol, 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). (EC) 1272/2008 sayılı CLP Yönetmeliği ve 11 Aralık 2013 tarihinde 28848 sayılı Resmi Gazete'de yayınlanan MADDELERİN VE KARIŞIMLARIN SINIFLANDIRILMASI, ETİKETLENMESİ VE AMBALAJLANMASI HAKKINDA YÖNETMELİK. Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006). Biocidal Products Regulation (EU) No 528/2012 (BPR).

National regulatory information

No information available

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: 14-May-2018
Revision Date: 14-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
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

Chronic aquatic toxicity

Category 3 - 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

H225 - Highly flammable liquid and vapor
H302 - Harmful if swallowed
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
H411 - Toxic to aquatic life with long lasting effects
H412 - Harmful 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