

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

Issuing Date: 23-Mar-2018

Revision Date: 23-Mar-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 Platinum All in One – Lemon
Product Identifier	91093057_PGP_CLP_EUR
Synonyms	PA00219244
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	Auto Dish unit dose
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**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
E-mail Address	pgsds.im@pg.com	Fax: 01932 896200

**1.4 Emergency Telephone Number**

Emergency Telephone	(UK) Emergency Tel: 0800 328 8304 (IRL) Emergency Tel: 1800 509 497
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**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 1 - (H318)

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	DANGER
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Hazard Statements	H318 - Causes serious eye damage
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**Precautionary Statements**

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 P102 - Keep out of reach of children  
 P101 - If medical advice is needed, have product container or label at hand  
 P301 + P330 + P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting  
 P280 - Wear eye protection  
 P310 - Immediately call a POISON CENTER or doctor/physician

EUH208 - Contains Protease . 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)
Sodium Carbonate	497-19-8	207-838-8	01-2119485498-19	20 - 30	Eye Irrit. 2(H319)	1	1
Sodium Carbonate Peroxide	15630-89-4	239-707-6	01-2119457268-30	10 - 20	Ox. Sol. 3(H272) Acute Tox. 4 (Oral)(H302) Eye Dam. 1(H318)	1	1
Trideceth-n	69011-36-5	Polymer		5 - 10	Eye Dam. 1(H318)	1	1
PEG/PPG-10/2 Propylheptyl Ether	166736-08-9	Polymer		1 - 5	Acute Tox. 4 (Oral)(H302) Skin Irrit. 2(H315) Eye Irrit. 2(H319)	1	1
zinc hydroxy carbonate	51839-25-9	257-467-0	01-2119474697-20	<1	Aquatic Acute 1(H400) Aquatic Chronic 2(H411)	1	1
Protease	9014-01-1	232-752-2		<1	Acute Tox. 4 (Oral)(H302) Skin Irrit. 2(H315) Eye Dam. 1(H318) Resp. Sens. 1(H334) STOT SE 3(H335) Aquatic Acute 1(H400) Aquatic Chronic 2(H411)	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. Discontinue use of product. Immediately call a POISON CENTER or doctor/physician.  
**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. Drink small amount of water to dilute. 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 (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 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** No information available.

**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** Large spills: scoop solid spill into closing containers. Small quantities of solid spill: wash down with water. This material and its container must be disposed of in a safe way, and as per local legislation.

**Other information** Avoid contact with skin, eyes and clothing.

**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. Avoid dust formation. 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. Keep away from heat.

**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
Protease	9014-01-1		TWA: 0.00006 mg/m <sup>3</sup> STEL: 0.00006 mg/m <sup>3</sup>	STEL: 0.00012 mg/m <sup>3</sup> TWA: 0.00004 mg/m <sup>3</sup>	

**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
Sodium Carbonate	497-19-8	10 mg/m <sup>3</sup>		
Sodium Carbonate Peroxide	15630-89-4		6.4 mg/cm <sup>2</sup>	

Chemical Name	CAS-No	Consumer - oral, long-term - systemic	Consumer - inhalative, long-term - local	Consumer - dermal, long-term - local
Sodium Carbonate Peroxide	15630-89-4			6.4 mg/cm <sup>2</sup>
zinc hydroxy carbonate	51839-25-9	0.83 mg/kg bw/day		

**Predicted No Effect Concentration (PNEC)**

Chemical Name	CAS-No	Fresh Water	Marine water	Intermittent release
Sodium Carbonate Peroxide	15630-89-4	0.035 mg/L	0.035 mg/L	0.035 mg/L
zinc hydroxy carbonate	51839-25-9	0.0206 mg/L	0.0061 mg/L	

Chemical Name	CAS-No	Freshwater sediment	Marine sediment	Sewage treatment plant
Sodium Carbonate Peroxide	15630-89-4			16.24 mg/L
zinc hydroxy carbonate	51839-25-9	117.8 mg/kg sediment dw	56.5 mg/kg sediment dw	0.1 mg/L

Chemical Name	CAS-No	Soil	air	Oral
zinc hydroxy carbonate	51839-25-9	35.6 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	dual-phase pouch: speckled powder with liquid top	

<b>Physical State @20°C</b>	Solid	
<b>Color</b>	colored	
<b>Odor</b>	Pleasant	
<b>Odor threshold</b>	No data available	Perceived odor at typical use conditions
<b>pH</b>	No data available	Solid 10 - 11 Liquid 6 - 8.5
<b>Melting Point / Freezing Point</b>	No data available	Not available. This property is not relevant for the safety and classification of this product
<b>Boiling point / boiling range</b>	No data available	Not applicable. This property is not relevant for solid product forms
<b>Flash point</b>	No data available	Not applicable. This property is not relevant for solid product forms.
<b>Relative Evaporation Rate (butylacetate=1)</b>	No data available	Not applicable. This property is not relevant for solid product forms
<b>Flammability (solid, gas)</b>	Not applicable	Not applicable. This product is not classified as explosive as it does not contain any substances which possesses explosive properties
<b>Explosive limits</b>	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 applicable. This property is not relevant for solid product forms
<b>Relative density</b>	No data available	
<b>Solubility</b>	Soluble in water	
<b>Partition Coefficient (n-octanol/water)</b>	No data available	Not available. This property is not relevant for the safety and classification of this product
<b>Autoignition temperature</b>	74.7 °C	UN Test H.1: United States SADT test
<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>	No data available	Not applicable. This property is not relevant for solid product forms
<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>	Product is not an oxidizer -UN.O.1	

**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 damage.
<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
Sodium Carbonate	497-19-8	2800 mg/kg bw	> 2000 mg/kg bw (US EPA 16 CFR 1500.40)	-
Sodium Carbonate Peroxide	15630-89-4	893 mg/kg bw (US EPA 1984)	> 2000 mg/kg bw (US EPA)	-
Trideceth-n	69011-36-5	>300-2000 mg/kg bw	> 2000 mg/kg bw (OECD 402)	-
PEG/PPG-10/2 Propylheptyl Ether	166736-08-9	>300-2000 mg/kg bw	-	-
zinc hydroxy carbonate	51839-25-9	> 2000 mg/kg bw (Read across data on Zinc; OECD 401; standard acute method; rat)	-	> 5.41 mg/L air (Read across data on Zinc; OECD 403; standard acute method; rat; 4 h)

**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)*
Sodium Carbonate	497-19-8	300 mg/L (Lepomis macrochirus; 96 h)	-	200 mg/L (Ceriodaphnia sp.; 48 h)	-
Sodium Carbonate Peroxide	15630-89-4	70.7 mg/L (Pimephales promelas; 96 h)	-	4.9 mg/L (Daphnia pulex; 48 h)	-
Trideceth-n	69011-36-5	10 mg/l	10 mg/l	10 mg/l	-
zinc hydroxy carbonate	51839-25-9	0.112 mg/L (Read across data on Zinc chloride; guideline: ASTM, E-729-88; Thymallus arcticus; static; freshwater)	-	0.131 mg/L (Read across data on Zinc sulphate; similar to OECD 202; Daphnia magna; semi-static; freshwater; mortality; Clone A; low hardness)	EC50: 5.2 mg/L (Read across data on Zinc sulphate; similar to OECD 209; activated sludge of a predominantly domestic sewage; static; freshwater; respiration rate)

**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)*
zinc hydroxy carbonate	51839-25-9			NOEC: 0.1 mg/l ISO DIS 9509	

**12.2 Persistence and degradability****Persistence and degradability**

Chemical Name	CAS-No	Persistence and degradability	Ready Biodegradation Test (OECD 301)
Trideceth-n	69011-36-5	Biodegradable Unlikely to persist.	>60%

**12.3 Bioaccumulative potential****Bioaccumulative potential**

No information available.

Chemical Name	CAS-No	Bioaccumulative potential	Octanol/water partition coefficient
Sodium Carbonate	497-19-8	Not measured	
Sodium Carbonate Peroxide	15630-89-4	Not measured	
zinc hydroxy carbonate	51839-25-9	Bioaccumulative	

**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

**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**

**Ingredient label**

5%-15% Oxygen-based bleaching agents, 5%-15% Non-ionic surfactants, <5% Phosphonates ; Enzymes , Perfumes, Citronellol, Limonene, Linalool

**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, Authorisation and Restriction of Chemicals Regulation (EC) No 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:	23-Mar-2018
Revision Date:	23-Mar-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 1 - 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

H272 - May intensify fire; oxidizer  
H302 - Harmful if swallowed  
H315 - Causes skin irritation  
H318 - Causes serious eye damage  
H319 - Causes serious eye irritation  
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled  
H335 - May cause respiratory irritation  
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**