SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) and its latest amendment

Issuing Date: 04-Jul-2019 **Revision date** 04-Jul-2019 **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
Product Identifier	90586335_A_PGP_CLP_EUR
Synonyms	PA00229779
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

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	customerservice@pgprof.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 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
Hazard statements	H318 - Causes serious eye damage
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
Drink small amount of water to dilute
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		5 - 10	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 (CO_2).

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 uses

Refer to section 1.2.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

National Occupational Exposure Limits

Chemical Name	CAS No	Norway	Ireland	United Kingdom	European Union
Protease	9014-01-1		TWA: 0.00006 mg/m³ STEL: 0.00006 mg/m³	STEL: 0.00012 mg/m³ TWA: 0.00004 mg/m³	

Derived No Effect Level (DNEL)

Workers

Chemical Name	CAS No	Worker - dermal, short-term - systemic	Worker - inhalative, short-term - systemic	Worker - dermal, short-term - local
Sodium Carbonate Peroxide	15630-89-4			12.8 mg/kg bodyweight/day

Chemical Name	CAS No	Worker - inhalative, short-term - local	Worker - dermal, long-term - systemic	Worker - inhalative, long-term - systemic
zinc hydroxy carbonate	51839-25-9		83 mg/kg bw/day	5 mg/m³

Chemical Name	CAS No	Worker - dermal, long-term - local	Worker - inhalative, long-term - local
Sodium Carbonate	497-19-8		10 mg/m³
Sodium Carbonate Peroxide	15630-89-4	12.8 mg/cm²	5 mg/m³

Consumers

Chemical Name	CAS No	Consumer - oral, long-term - systemic	Consumer - inhalative, long-term - local	Consumer - dermal, long-term - local
zinc hydroxy carbonate	51839-25-9	0.83 mg/kg bw/day		

Chemical Name	CAS No	Consumer - inhalative, long-term - systemic	Consumer - dermal, long-term - systemic
zinc hydroxy carbonate	51839-25-9	2.5 mg/m³	83 mg/kg bw/day

Predicted No Effect Concentration (PNEC)

Chemical Name	CAS No	Fresh Water	Marine water	Intermittent release
Sodium Carbonate	497-19-8	no data; no toxicity expected	no data; no toxicity expected	no data; no toxicity expected
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	497-19-8	no data; no toxicity expected	no data; no toxicity expected	no data; no toxicity expected
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
Sodium Carbonate	497-19-8	no data; no toxicity expected		
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	
Physical state	Solid	
Color	colored	
Odor	Pleasant	
Odor threshold	No data available	Perceived odor at typical use conditions
pH	No data available	Solid 10 - 11 Liquid 6 - 8.5
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	Not applicable. This property is not relevant for solid product forms
Flash point	No data available	Not applicable. This property is not relevant for solid product forms
Relative Evaporation Rate (butylacetate=1)	No data available	Not applicable. This property is not relevant for solid product forms
Flammability (solid, gas)	Not applicable	Not applicable. This product is not classified as explosive as it does not contain any substances which possesses explosive properties
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 applicable. This property is not relevant for solid product forms
Relative density	No data available	
Solubility	Soluble in water	
Partition Coefficient (n-octanol/water)	Not available	Not available. This property is not relevant for the safety and classification of this product
Autoignition temperature	74.7 °C	UN Test H.1: United States SADT test
Decomposition temperature	No data available	Not available. This property is not relevant for the safety and classification of this product
Viscosity	No data available	Not applicable. This property is not relevant for solid product forms
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	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

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 damage.
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 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	Fish	Algae/aquatic plants	Crustacea	Toxicity to microorganisms
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 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)*
zinc hydroxy carbonate	51839-25-9				NOEC: 0.1 mg/L (Guideline: ISO DIS 9509; activated sludge of a predominantly domestic sewage; static; freshwater; test substance name not indicated; nitrification rate; 4 h)

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

13.2 Additional information

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 Marine pollutant	Not regulated
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code	No information available

IATA

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 Marine pollutant	Not regulated

ADR

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 Marine pollutant	Not regulated

RID

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 Marine pollutant	Not regulated

ADN

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 Marine pollutant	Not regulated

Section 15: REGULATORY INFORMATION

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

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: 04-Jul-2019
Revision date 04-Jul-2019
Revision Note 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 1 - Calculation method

16.4 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