

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
 Trade name : P&G Professional FAIRY Platinum All in One - Original
 Product code : PA00186291
 Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Professional use
 Function or use category : Washing and cleaning products (including solvent based products)

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Procter & Gamble UK Brooklands, Weybridge, Surrey, KT13 0XP, UK

Tel: 01932 896000 Fax: 01932 896200

Professional: customerservice@pgprof.com

Professional: customerservice@pgprof.com

1.4. Emergency telephone number

Emergency number : (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 according to Regulation (EC) No. 1272/2008 [CLP]

Eye Dam. 1 H318

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Xi; R41

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word (CLP) : Danger

Hazard statements (CLP) : H318 - Causes serious eye damage

Precautionary statements (CLP) : 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
 P280 - Wear eye protection
 P310 - Immediately call a POISON CENTER/doctor
 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

EUH phrases : EUH208 - Contains Protease. May produce an allergic reaction

2.3. Other hazards

Other hazards not contributing to the classification : No presence of PBT and vPvB ingredients.

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SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium Carbonate	(CAS No) 497-19-8 (EC no) 207-838-8 (EC index no) 011-005-00-2 (REACH-no) 01-2119485498-19	10 - 20	Xi; R36	Eye Irrit. 2, H319
Sodium Carbonate Peroxide	(CAS No) 15630-89-4 (EC no) 239-707-6 (REACH-no) 01-2119457268-30	5 - 10	O; R8 Xn; R22 Xi; R41	Ox. Sol. 3, H272 Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Copolymer of acrylic and sulphonic acids	(CAS No) 97953-25-8	5 - 10	Xi; R38	Skin Irrit. 2, H315
Trideceth-n	(CAS No) 69011-36-5 (EC no) Polymer	1 - 5	Xn; R22 Xi; R41	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
PEG/PPG-10/2 Propylheptyl Ether	(CAS No) 166736-08-9 (EC no) Polymer	1 - 5	Xn; R22 Xi; R36/38	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 3, H412
Monosodium Etidronate	(CAS No) 29329-71-3 (EC no) 249-559-4 (REACH-no) 01-2119510382-52	1 - 5	Xn; R22 Xi; R36	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
Protease	(CAS No) 9014-01-1 (EC no) 232-752-2 (REACH-no) 01-2119480434-38	< 1	Xi; R41 Xi; R37/38 R42 Xn; R22 N; R50	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Resp. Sens. 1, H334 STOT SE 3, H335

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after 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 you feel unwell.
First-aid measures after skin contact	: IF ON SKIN: Wash with plenty of Water. Remove/Take off immediately all contaminated clothing. Immediately call a POISON CENTER or doctor/physician. Discontinue use of product.
First-aid measures after 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.
First-aid measures after 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: Firefighting 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 reactions known.

5.3. Advice for firefighters

Firefighting instructions	: No specific firefighting instructions required.
Protection during firefighting	: In case of inadequate ventilation wear respiratory protection.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear suitable gloves and eye/face protection.

6.1.2. For emergency responders

Protective equipment : Wear suitable gloves and eye/face protection.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

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

Refer to Sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with eyes. Use personal protective equipment as required. Avoid raising dust. 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

Storage conditions : Store in original container. Refer to section 10.

Incompatible products : Refer to section 10.

Incompatible materials : Not applicable.

Prohibitions on mixed storage : Not applicable.

Storage area : Store in a cool area. Store in a dry area. Store away from heat.

7.3. Specific end use(s)

Refer to section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National limit values

No additional information available

8.1.2. Monitoring procedures: DNELS, PNECS, OEL

Sodium Carbonate Peroxide (15630-89-4)	
DNEL/DMEL (Workers)	
Acute - local effects, dermal	12.8 mg/cm ²
Long-term - local effects, dermal	12.8 mg/kg bodyweight/day
Long-term - local effects, inhalation	5 mg/m ³
DNEL/DMEL (General population)	
Acute - local effects, dermal	6.4 mg/cm ²
Long-term - local effects, dermal	6.4 mg/cm ²
PNEC (Water)	
PNEC aqua (freshwater)	0.035 mg/l
PNEC aqua (marine water)	0.035 mg/l
PNEC aqua (intermittent, freshwater)	0.035 mg/l
PNEC (STP)	
PNEC sewage treatment plant	16.24 mg/l

Protease (9014-01-1)	
DNEL/DMEL (Workers)	
Acute - local effects, dermal	0.2 % in mixture
Long-term - systemic effects, inhalation	0.00006 mg/m ³

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Protease (9014-01-1)	
Long-term - local effects, inhalation	0.00006 mg/m ³
DNEL/DMEL (General population)	
Acute - local effects, dermal	0.2 % in mixture
Long-term - systemic effects, inhalation	0.000015 mg/m ³
Long-term - local effects, dermal	0.2 % in mixture
Long-term - local effects, inhalation	0.000015 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	0.00006 mg/l
PNEC aqua (marine water)	0.000006 mg/l
PNEC aqua (intermittent, freshwater)	0.0009 mg/l
PNEC (Soil)	
PNEC soil	0.568 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	65 mg/l

Monosodium Etidronate (29329-71-3)	
DNEL/DMEL (General population)	
Acute - systemic effects, oral	6.5 mg/kg bodyweight
Long-term - systemic effects, oral	6.5 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.134 mg/l
PNEC aqua (marine water)	0.014 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	59 mg/kg dwt
PNEC sediment (marine water)	5.9 mg/kg dwt
PNEC (Soil)	
PNEC soil	41 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	20 mg/l

Sodium Carbonate (497-19-8)	
DNEL/DMEL (Workers)	
Long-term - local effects, inhalation	10 mg/m ³
DNEL/DMEL (General population)	
Acute - local effects, inhalation	10 mg/m ³

8.2. Exposure controls

- 8.2.1. Appropriate engineering controls : No additional information available
- 8.2.2. Personal protective equipment
- Eye protection : Wear eye/face protection.
 - Skin and body protection : Not applicable.
 - Respiratory protection : Not applicable.
 - Thermal hazard protection : Not applicable.
- 8.2.3. Environmental exposure controls
Not available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Property	Value	Unit	Test method/Notes
Appearance	dual-phase pouch: speckled powder with liquid top.		
Physical state	Solid		
Colour	Coloured. White.		
Odour	pleasant (perfume).		

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Property	Value	Unit	Test method/Notes
Odour threshold	No data available		
pH	10.3		
Melting point	No data available		
Freezing point	No data available		
Boiling point	No data available		
Flash point	No data available		
Relative evaporation rate (butylacetate=1)	No data available		
Flammability (solid, gas)	No data available		
Explosive limits			Product is not explosive
Vapour pressure	No data available		
Relative density	No data available		
Solubility	Soluble in water.		
Log Pow	No data available		
Auto-ignition temperature	No data available		
Decomposition temperature	No data available		
Viscosity	No data available		
Explosive properties	No additional information available		
Oxidising properties	No additional information available		

9.2. Other information

No additional 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

Refer to section 10.1 on Reactivity.

10.4. Conditions to avoid

Not required for normal conditions of use.

10.5. Incompatible materials

Not applicable.

10.6. Hazardous decomposition products

None under normal use.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

P&G Professional FAIRY Platinum All in One - Original	
LD50 oral calculated	> 2000 mg/kg
Trideceth-n (69011-36-5)	
LD50 oral rat	1.08 g/kg
LD50 dermal rat	2001 mg/kg
ATE CLP (oral)	1080 mg/kg bodyweight
ATE CLP (dermal)	2001 mg/kg bodyweight
PEG/PPG-10/2 Propylheptyl Ether (166736-08-9)	
LD50 oral rat	1000 mg/kg
ATE CLP (oral)	1000 mg/kg bodyweight
Sodium Carbonate Peroxide (15630-89-4)	
LD50 oral rat	893 mg/kg US EPA 1984

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Sodium Carbonate Peroxide (15630-89-4)	
LD50 dermal rabbit	2001 mg/kg US EPA
ATE CLP (oral)	893 mg/kg bodyweight
ATE CLP (dermal)	2001 mg/kg bodyweight

Protease (9014-01-1)	
LD50 oral rat	1.5 g/kg
ATE CLP (oral)	1500 mg/kg bodyweight

Monosodium Etidronate (29329-71-3)	
LD50 oral rat	940 mg/kg bodyweight //OECD 401
ATE CLP (oral)	940 mg/kg bodyweight

Sodium Carbonate (497-19-8)	
LD50 oral rat	2800 mg/kg
LD50 dermal rabbit	2001 mg/kg
ATE CLP (oral)	2800 mg/kg bodyweight
ATE CLP (dermal)	2001 mg/kg bodyweight

Skin corrosion/irritation	: Not classified pH: 10.3
Serious eye damage/irritation	: Causes serious eye damage. pH: 10.3
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: Irritation: severely irritant to eyes. Acute Toxicity: based upon available data of the substances, classification criteria are not met. Carcinogenicity: based upon available data of the substances, classification criteria are not met. Mutagenicity: based upon available data of the substances, classification criteria are not met. Repeated Dose Toxicity: based upon available data of the substances, classification criteria are not met. Sensitization: based upon available data of the substances, classification criteria are not met. Toxicity for Reproduction: based upon available data of the substances, classification criteria are not met. Corrosivity: based upon available data of the substances, classification criteria are not met.
Other information	: Likely routes of exposure: ingestion, skin and eye. Information on Effects: refer to section 4.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: 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.
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Trideceth-n (69011-36-5)	
LC50 fishes 1	10 mg/l
EC50 Daphnia 1	10 mg/l
ErC50 (algae)	10 mg/l

Sodium Carbonate Peroxide (15630-89-4)	
LC50 fishes 1	70.7 mg/l Pimephales promelas; 96 h
EC50 Daphnia 1	4.9 mg/l Daphnia pulex; 48 h
NOEC chronic crustacea	2 mg/l

Protease (9014-01-1)	
LC50 fishes 1	8.2 mg/l
LC50 other aquatic organisms 1	1000 mg/l
NOEC (chronic)	568 mg/l

Monosodium Etidronate (29329-71-3)	
LC50 fishes 1	195 mg/l //OECD 203; Oncorhynchus mykiss

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Monosodium Etidronate (29329-71-3)	
LC50 other aquatic organisms 1	> 250 mg/l IC0; //DIN 38412, 8; Photobacterium phosphoreum
EC50 Daphnia 1	527 mg/l //OECD 202; Daphnia magna
NOEC (chronic)	200 mg/l
NOEC chronic crustacea	6.75 mg/l US EPA 66013-75-009; Daphnia magna
NOEC chronic algae	Selenastrum

Sodium Carbonate (497-19-8)	
LC50 fishes 1	300 mg/l
EC50 Daphnia 1	200 mg/l

12.2. Persistence and degradability

Trideceth-n (69011-36-5)	
Persistence and degradability	The substance is biodegradable. Unlikely to persist.
Biodegradation	> 60 %

Protease (9014-01-1)	
Biodegradation	102 %

Monosodium Etidronate (29329-71-3)	
Biodegradation	1.6 %

12.3. Bioaccumulative potential

Sodium Carbonate Peroxide (15630-89-4)	
Bioaccumulative potential	Not measured.

Protease (9014-01-1)	
Log Pow	-3.1
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).

Monosodium Etidronate (29329-71-3)	
Log Pow	-3.5
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).

12.4. Mobility in soil

Monosodium Etidronate (29329-71-3)	
Log Koc	16610

12.5. Results of PBT and vPvB assessment

P&G Professional FAIRY Platinum All in One - Original	
Results of PBT assessment	No presence of PBT and vPvB ingredients
Component	
Dipropylene Glycol (25265-71-8)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Pentasodium Triphosphate (7758-29-4)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Titanium Dioxide (13463-67-7)	PBT: not relevant – no registration required vPvB: not relevant – no registration required
Sodium Carbonate Peroxide (15630-89-4)	PBT: not relevant – no registration required
Monosodium Etidronate (29329-71-3)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
TAED (10543-57-4)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

Other information : No other effects known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

13.1.1. Regional legislation (waste) : Disposal must be done according to official regulations.

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- 13.1.2 Disposal recommendations : The waste codes/waste designations below are in accordance with EWC. Waste must be delivered to an approved waste disposal company. The 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.
. For handling waste, see measures described in section 7. Empty, uncleaned packaging need the same disposal considerations as filled packaging.
- 13.1.3 EURAL Waste code product : 20 01 29* - detergents containing dangerous substances
15 01 10* - packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

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 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

Ingredient label : >30% Phosphates; 5-15% Non-ionic surfactants, Oxygen-based bleaching agents, Polycarboxylates; <5% Phosphonates; Enzymes, Perfumes, Citronellol, Limonene, Linalool.

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no substance on the REACH candidate list

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.

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

16.1. Indication of changes

Indication of changes : Not applicable

16.2. Abbreviations and acronyms

No additional information available

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

Classification according to Regulation (EC) No. 1272/2008 [CLP]	classification procedure
Eye Dam. 1	Calculation method

16.4. Relevant R-phrases and/or H-statements (number and full text) for mixture and substances

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2

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Ox. Sol. 3	Oxidising Solids, Category 3
Resp. Sens. 1	Sensitisation — Respiratory, category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H272	May intensify fire; oxidiser
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
H412	Harmful to aquatic life with long lasting effects
R22	Harmful if swallowed
R36	Irritating to eyes
R36/38	Irritating to eyes and skin
R37/38	Irritating to respiratory system and skin
R38	Irritating to skin
R41	Risk of serious damage to eyes
R42	May cause sensitization by inhalation
R50	Very toxic to aquatic organisms
R8	Contact with combustible material may cause fire
N	Dangerous for the environment
O	Oxidising
Xi	Irritant
Xn	Harmful

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

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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