



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Issuing Date: 03-Nov-2022

Revision Date: 03-Nov-2022

Revision Number 1

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

1.1. Product identifier

Product Identifier	C-90299652-004_RET_CLPR7_EUR
Product Name	Fairy Platinum Plus All in One Deep Clean Technology
Product Form	Mixture
Pure substance/mixture	Mixture

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

Recommended use	Intended for general public
Uses advised against	No information available
Main user category	SU 21 - Consumer uses: Private households (= general public = consumers)
Product category	Auto Dish unit dose
Use category	PC35 - Washing and cleaning products (including solvent based products)

1.3. Details of the supplier of the safety data sheet

Supplier	Manufacturer
Procter & Gamble UK Brooklands, Weybridge, Surrey, KT13 0XP, UK Tel: 01932 896000 Fax: 01932 896200	Belgium P&G Mechelen (Malines), Hombeeksesteenweg 323, B - 2800 Mechelen, Antwerpen, Belgium Tel: 32-15-455611 Fax: 32-15-455615
P&G DCE bvba/sprl-Belgium Dist. Div., Temselaan 100, B-1853 Strombeek-Bever, Belgium (IE) 1800 535 119	

For further information, please contact

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

(IRL) Poisons information: for information or to report a poisoning incident contact The
National Poisons Information Centre 01 8092166 (8.00 a.m. to 10.00 p.m. 7 days a week)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Serious eye damage/eye irritation	Category 1 - (H318)
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2.2. Label elements



Signal word

Danger

Hazard statements

H318 - Causes serious eye damage

Precautionary Statements - EU (§28, 1272/2008)

P102 - Keep out of reach of children

P305 + P351 - IF IN EYES: Rinse cautiously with water for several minutes

P310 - Immediately call a POISON CENTER/doctor

P301 + P330 + P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting

Drink small amount of water to dilute

EUH208 - Contains Protease May produce an allergic reaction.

2.3. Other hazards

No information available.

Endocrine Disruptor Information

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	CAS No	Weight-%	REACH registration number	EC No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Sodium Carbonate Peroxide	15630-89-4	10 - 20	01-21194572 68-30	239-707-6	Ox. Sol. 3(H272) Acute Tox. 4 (Oral)(H302) Eye Dam. 1(H318)	Eye Dam. 1;H318 :: 25%≤C<100% Eye Irrit. 2;H319 :: 7.5%≤C<25%	-	-
Sodium Carbonate	497-19-8	10 - 20	01-21194854 98-19	207-838-8	Eye Irrit. 2(H319)	-	-	-
Trideceth-n	69011-36-5	5 - 10	No data available	-	Acute Tox. 4 (Oral)(H302) Eye Dam. 1(H318)	-	-	-
Tetrasodium Etidronate	3794-83-0	1 - 5	01-21196479 55-23	223-267-7	Acute Tox. 4 (Oral)(H302) Eye Irrit. 2(H319)	Eye Irrit. 2;H319 :: 30%≤C<100%	-	-
2-Propyl-heptanol, ethoxylated, propoxylated	166736-08-9	1 - 5	No data available	605-450-7	Acute Tox. 4 (Oral)(H302) Skin Irrit. 2(H315)	-	-	-
Disodium Disilicate	13870-28-5	1 - 5	01-21194850 31-47	237-623-4	Eye Dam. 1(H318)	-	-	-
Alcohols, C13-15-branched and linear, butoxylated	111905-53-4	1 - 5	No data available	-	Acute Tox. 4 (Oral)(H302) Eye Irrit. 2(H319)	-	-	-

ethoxylated					Aquatic Chronic 3(H412)			
Protease	9014-01-1	<1	01-21194804 34-38	232-752-2	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	-

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

Acute Toxicity Estimate
No information available

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59).

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. (Call a physician if symptoms occur).
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.
Skin contact	IF ON SKIN: Wash with plenty of soap and water. Remove and isolate contaminated clothing and shoes. Immediately call a POISON CENTER or doctor/physician. Discontinue use of product.
Ingestion	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a physician or poison control center immediately. Drink small amount of water to dilute.
Self-protection of the first aider	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

4.2. Most important symptoms and effects, both acute and delayed

Symptoms	Coughing and/ or wheezing. Redness. Swelling of tissue. Itching. Sneezing. Dryness. Pain. Blurred vision. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Excessive secretion.
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4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media	Dry chemical. Alcohol resistant foam. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical	None in particular.
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5.3. Advice for firefighters

Special protective equipment for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions

See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment

Scoop absorbed substance into closing containers.

Methods for cleaning up

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

Prevention of secondary hazards

Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections

See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with eyes. Use personal protection equipment. Do not eat, drink or smoke when using this product. Avoid generation of dust.

General hygiene considerations

Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep/store only in original container. Keep tightly closed in a dry and cool place. Keep away from heat.

7.3. Specific end use(s)

Risk Management Methods (RMM)

The information required is contained in this Safety Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
Protease	-	-	-	-	TWA: 0.00004 mg/m ³ * Respiratory Sensitisation
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Sodium Carbonate	-	TWA: 5 mg/m ³ Ceiling: 10 mg/m ³	-	-	-
Protease	-	-	Ceiling: 0.00006 mg/m ³	TWA: 1 glycine unit/m ³ STEL: 3 glycine unit/m ³	-
Chemical name	France	Germany	Germany DFG	Greece	Hungary
Protease	-	-	respiratory sensitizer	-	-

Chemical name	Ireland	Italy	Italy REL	Latvia	Lithuania
Protease	TWA: 0.00006 mg/m ³ STEL: 0.00006 mg/m ³ Sensitizer	-	Ceiling: 0.00006 mg/m ³	-	-
Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
Sodium Carbonate	-	TWA: 1 mg/m ³ STEL: 3 mg/m ³	-	-	-
Protease	Ceiling: 0.00006 mg/m ³	-	-	-	STEL: 0.00006 mg/m ³ sensitizer
Chemical name	Sweden	Switzerland	United Kingdom	Israel - Occupational Exposure Limits - TWAs	Turkey
Protease	NGV: 1 glycine unit/m ³ Bindande KGV: 3 glycine unit/m ³ Sensitizer	STEL: 0.00006 mg/m ³	TWA: 0.00004 mg/m ³ STEL: 0.00012 mg/m ³ Sen+	-	-

Biological occupational exposure limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) Long term.

Chemical name	Worker - dermal, long-term - systemic	Worker - inhalative, long-term - systemic	Worker - dermal, long-term - local	Worker - inhalative, long-term - local
Sodium Carbonate Peroxide	-	-	12.8 mg/cm ²	5 mg/m ³
Sodium Carbonate	-	-	-	10 mg/m ³
Tetrasodium Etidronate	48 mg/kg bw/day	16.9 mg/m ³	-	10 mg/m ³
TAED	20 mg/kg bw/day	0.0064 mg/L	-	-
Disodium Disilicate	318 mg/kg bw/day	11.21 mg/m ³	-	-
Protease	-	-	-	0.00006 mg/m ³

Chemical name	Consumer - oral, long-term - local	Consumer - inhalative, long-term - local	Consumer - dermal, long-term - local
Sodium Carbonate Peroxide	-	-	6.4 mg/cm ²
Tetrasodium Etidronate	-	10 mg/m ³	-
Protease	-	0.000015 mg/m ³	-

Chemical name	Consumer - oral, long-term - systemic	Consumer - inhalative, long-term - systemic	Consumer - dermal, long-term - systemic
Tetrasodium Etidronate	2.4 mg/kg bw/day	4.2 mg/m ³	24 mg/kg bw/day
TAED	0.45 mg/kg bw/day	0.075 mg/L	10 mg/kg bw/day
Disodium Disilicate	1.59 mg/kg bw/day	2.39 mg/m ³	159 mg/kg bw/day
Protease	1.8 mg/kg bw/day	-	-

Derived No Effect Level (DNEL) Short term.

Chemical name	Worker - dermal, short-term - systemic	Worker - inhalative, short-term - systemic	Worker - dermal, short-term - local	Worker - inhalative, short-term - local
Sodium Carbonate Peroxide	-	-	12.8 mg/kg bodyweight/day	12.8 mg/cm ²
Tetrasodium Etidronate	-	-	-	10 mg/m ³

Chemical name	Consumer - inhalative, short-term - local	Consumer - dermal, short-term - local
Sodium Carbonate Peroxide	-	6.4 mg/cm ²
Sodium Carbonate	10 mg/m ³	-
Tetrasodium Etidronate	10 mg/m ³	-

Chemical name	Consumer - oral, short-term - systemic	Consumer - inhalative, short-term - systemic	Consumer - dermal, short-term - systemic
Protease	3.6 mg/kg bw/day	-	-

Predicted No Effect Concentration (PNEC) No information available.

Chemical name	Fresh Water	Marine water	Intermittent release
Sodium Carbonate Peroxide	0.035 mg/L	0.035 mg/L	0.035 mg/L
Tetrasodium Etidronate	0.096 mg/L	0.01 mg/L	-
TAED	10 mg/L	0.5 mg/L	10 mg/L
Disodium Disilicate	7.5 mg/L	7.5 mg/L	-
Protease	0.0017 mg/L	0.00017 mg/L	-

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment plant	Soil	Air	Oral
Sodium Carbonate Peroxide	-	-	16.24 mg/L	-	-	-
Tetrasodium Etidronate	193 mg/kg sediment dw	19.3 mg/kg sediment dw	58 mg/L	14 mg/kg soil dw	-	-
TAED	2.5 mg/kg sediment dw	-	10 mg/L	5 mg/kg soil dw	-	-
Disodium Disilicate	29.4 mg/kg sediment dw	29.4 mg/kg sediment dw	28 mg/L	1.47 mg/kg soil dw	-	-
Protease	-	-	65 mg/L	0.568 mg/kg	-	-

8.2. Exposure controls

Personal Protective Equipment

Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin and body protection	No special protective equipment required.
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
General hygiene considerations	Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.
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

Physical state	Solid
Appearance	dual-phase pouch: speckled powder with liquid top
Color	colored
Odor	Pleasant
Odor threshold	No information available

Property	Values	Remarks • Method
Melting point / freezing point	No data available	Not available. This property is not relevant for the safety and classification of this product
Initial boiling point and boiling range	No data available	Not available. This property is not relevant for the safety and classification of this product
Flammability		Not applicable. This property is not relevant for liquid

Flammability Limit in Air

Upper flammability or explosive limits No data available

Lower flammability or explosive limits No data available

Flash point No Data Available

Autoignition temperature 73.9 - 74.7 °C

Decomposition temperature No Data Available

pH 10 - 11

Dynamic viscosity No Data Available

Water solubility Soluble in water
Solubility(ies) No Data Available

Partition coefficient No Data Available

Vapor pressure No Data Available

Relative density No Data Available

Relative vapor density No data available

Particle characteristics

Particle Size No information available

Particle Size Distribution No information available

product forms

Not available. This property is not relevant for the safety and classification of this product

Not available. This property is not relevant for the safety and classification of this product

UN Test H.1: United States SADT test

Not available. This property is not relevant for the safety and classification of this product

Liquid 6 - 8.5

Not available. This property is not relevant for the safety and classification of this product

Not available. This property is not relevant for the safety and classification of this product

Not available. This property is not relevant for the safety and classification of this product

Not available. This property is not relevant for the safety and classification of this product

Not available. This property is not relevant for the safety and classification of this product

Not available. This property is not relevant for the safety and classification of this product

Not available. This property is not relevant for the safety and classification of this product

9.2. Other information

9.2.1. Information with regard to physical hazard classes
No information available

9.2.2. Other safety characteristics
No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No information available.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid None known based on information supplied.

10.5. Incompatible materials

Incompatible materials None known based on information supplied.

10.6. Hazardous decomposition products

Hazardous decomposition products None known based on information supplied.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available. Causes serious eye damage. May cause irreversible damage to eyes.
Skin contact	Specific test data for the substance or mixture is not available. May cause irritation.
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Redness. Burning. May cause blindness.
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Numerical measures of toxicity

Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 2,294.30 mg/kg

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Carbonate Peroxide	893 mg/kg bw	> 2000 mg/kg bw	-
Sodium Carbonate	2800 mg/kg bw	> 2000 mg/kg bw (EPA 16 CFR 1500.40)	= 2300 mg/m ³ (Rat) 2 h
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy-(.beta.- and methyl-branching/n=7)/Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (.beta.- and methyl-branching/n=7)	> 2000 mg/kg (Rat)	= 5960 mg/kg (Rabbit)	> 1.6 mg/L (Rat) 4 h
Tetrasodium Etidronate	= 990 mg/kg (Rat)	> 5000 mg/kg bw (OECD 402)	-
Disodium Disilicate	2000- 3150 mg/kg bw (OECD 401)	-	> 3.51 mg/L (Rat) 4 h
Total Protein (Subtilisin)	1800 mg/kg bw (OECD 401)	-	-

Chemical name	Carcinogenicity	Species	Eye Damage	Species	Developmental toxicity	Species	Mutagenicity	Species
Sodium Carbonate Peroxide	-	-	Y (OECD 405)	-	-	-	-	-
Sodium Carbonate	-	-	Y	-	-	-	-	-
Tetrasodium Etidronate	-	-	Y (100%; //OECD 405)	-	-	-	-	-
Disodium Disilicate	-	-	Y (OECD 405)	-	> 200 mg/kg bw/d	-	N (In vitro) & N (In vivo)	-

Chemical name	Carcinogenicity	Species	Eye Damage	Species	Developmental toxicity	Species	Mutagenicity	Species
Protease	-	-	Y (OECD 405)	-	-	-	-	-

Chemical name	Reproductive toxicity	Species	Skin corrosion/irritation	Species	Sensitization	Species
Disodium Disilicate	> 159 mg/kg bw/d	-	N (OECD 404)	-	-	-
Protease	-	-	Y (OECD 404)	-	Y	-

Chemical name	Skin sensitization	Species	STOT - single exposure	Target Organs	Species	STOT - repeated exposure	Target Organs	Species	Aspiration hazard
Disodium Disilicate	N (OECD 429)	-	-	-	-	-	-	-	-
Protease	-	-	Y	-	-	-	-	-	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation Risk of serious damage to eyes.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties This product does not contain any known or suspected endocrine disruptors.

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Not considered to be harmful to aquatic life. No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended.

Unknown aquatic toxicity Contains 1.43861 % of components with unknown hazards to the aquatic environment.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium Carbonate Peroxide	-	70.7 mg/L (Pimephales promelas; 48 h)	-	4.9 mg/L (Daphnia pulex; 48 h)
Sodium Carbonate	-	300 mg/L (Lepomis macrochirus; 96 h)	-	200 - 227 mg/L (Ceriodaphnia sp.; 48 h))
Tetrasodium Etidronate	-	200 mg/L (OECD 204; Oncorhynchus mykiss; 72 h)	> 250 mg/L (Photobacterium phosphoreum; 0.5 h)	527 mg/L (OECD 202; Daphnia magna; 48 h)
Disodium Disilicate	44.1 mg/L (OECD 201; Desmodesmus subspicatus; 72 h)	> 500 mg/L (OECD 203; Danio rerio; 96 h)	720 mg/L (OECD 209; activated sludge; 3 h)	491 mg/L (OECD 202; Daphnia magna; 48 h)
Total Protein (Subtilisin)	0.83 mg/L (OECD 201; Pseudokirchneriella subcapitata; 72 h)	8.2 mg/L (OECD 203; Oncorhynchus mykiss; 96 h)	-	0.17 mg/L (OECD 202; Daphnia magna; 48 h)

Chronic Toxicity

Chemical name	Toxicity to algae (NOEC or ECx)*	Toxicity to fish (NOEC or ECx)*	Toxicity to daphnia and other aquatic invertebrates (NOEC or ECx)*	Toxicity to Microorganisms (NOEC or ECx)*	Toxicity to other organisms
Sodium Carbonate Peroxide	-	-	2 mg/L (Daphnia pulex; 2 d)	-	-
Sodium Carbonate	1 - 10 mg/L	-	-	-	-
Tetrasodium Etidronate	-	60 mg/L (OECD 204; Oncorhynchus mykiss; 14 d)	6.75 mg/L (EPA 66013-75-009; Daphnia magna; 28 d)	200 mg/L (anaerobic sludge; 11 d)	NOEC: 960 mg/kg soil dw (Read across data on (1-hydroxyethylidene) bisphosphonic acid, sodium salt; OECD 207; Eisenia fetida; artificial soil; 14 d)
TAED	655 mg/L (OECD 201; Desmodesmus subspicatus; 3 d)	1000 mg/L (OECD 203; Danio rerio; 4 d)	500 mg/L (OECD 211; Daphnia magna; 21 d)	> 1000 mg/L (OECD 209; 0.125 d)	500 mg/kg soil dw (OECD 222; species: eisenia fetida; artificial soil; 56 d)
Disodium Disilicate	18 mg/L (OECD 201; Desmodesmus subspicatus; 3 d)	-	250 mg/L (OECD 202; Daphnia magna; 2 d)	-	2039 mg/kg diet (Meleagris gallopavo; 28 d)
Protease	0.317 mg/L (OECD 201; Pseudokirchneriella subcapitata; 3 d)	0.042 mg/L (OECD 210; Pimephales promelas; 32 d)	0.324 mg/L (OECD 211; Daphnia magna; 21 d)	-	-

12.2. Persistence and degradability

Persistence and degradability

Chemical name	Ready Biodegradation Test (OECD 301)	Abiotic Degradation Hydrolysis	Abiotic Degradation Photolysis	Biodegradation Other Tests
Tetrasodium Etidronate - 3794-83-0	22.87% BOD5*100/COD; ISO 5815; 5 d	-	-	6.7 % (Read across data on Etidronic acid; guideline not indicated; Iowa Farm Soil; CO2 evolution; 119 d)
Tetra Acetyl Ethylene Diamine - 10543-57-4	75.1 - 104.6%CO2; OECD 301 B; 27 d	-	-	75.1% (OECD 301 B; aerobic; activated sludge, domestic, non-adapted; CO2 evolution; 27 d; meets

				the 10 d window criteria)
Total Protein (Subtilisin) - 9014-01-1	102% CO2 OECD 301 B; 29 d	-	-	-

12.3. Bioaccumulative potential

Bioaccumulation

There is no data for this product.

Component Information

Chemical name	Partition coefficient
Tetrasodium Etidronate	-3
Protease	-3.1

Chemical name	Octanol/water partition coefficient	Bioconcentration factor (BCF)
Tetrasodium Etidronate	-3 (OECD 107)	71
TAED	-0.09	-
Protease	≤ -3.1 (OECD 107)	-

12.4. Mobility in soil

Mobility in soil

No information available.

Chemical name	log Koc
Tetrasodium Etidronate	16610 L/kg

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment

No information available.

Chemical name	PBT and vPvB assessment
Sodium Carbonate Peroxide	The substance is not PBT / vPvB PBT assessment does not apply
Sodium Carbonate	The substance is not PBT / vPvB PBT assessment does not apply
Trideceth-n	The substance is not PBT / vPvB
Tetrasodium Etidronate	The substance is not PBT / vPvB
Disodium Disilicate	PBT assessment does not apply
Protease	The substance is not PBT / vPvB

12.6. Endocrine disrupting properties

Endocrine disrupting properties

No information available.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products

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 8. Dispose of in accordance with local regulations.

Contaminated packaging

Do not reuse empty containers.

Waste codes / waste designations according to EWC / AVV

20 01 29* - detergents containing dangerous substances
15 01 10* - packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

IATA

14.1 UN number or ID number	Not regulated
14.2	
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	

IMDG

14.1 UN number or ID number	Not regulated
14.2	
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
14.7 Maritime transport in bulk according to IMO instruments	No information available

RID

14.1 UN number or ID number	Not regulated
14.2	
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

ADR

14.1 UN number or ID number	Not regulated
14.2	
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

ADN

14.1 UN number or ID number	Not relevant
14.2	
14.3 Transport hazard class(es)	No information available
14.4 Packing group	Not relevant
14.5 Marine pollutant	Not regulated

SECTION 15: Regulatory information

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

National regulations

Germany

Water hazard class (WGK) obviously hazardous to water (WGK 2)

Netherlands

Poland

Announcement of the Speaker of the Sejm of the Republic of Poland of 13 April 2018 regarding the publication of a uniform text of the Act - Labor Code (Journal of Laws 2018, item 917, as amended). Announcement of the Speaker of the Sejm of the Republic of Poland of March 15, 2019 regarding the publication of a uniform text of the Act on Waste (Journal of Laws 2019 item 701, as amended). Regulation of the Minister of Development of 7 July 2016, repealing the Regulation on specific requirements for certain products due to their negative environmental impact (Journal of Laws of 2016, item 1099, as amended). Regulation of the Minister of Family, Labor and Social Policy of June 12, 2018 regarding the highest permissible concentrations and intensities of factors harmful to health in the work environment (Journal of Laws of 2018, item 1286 with subsequent amendments).

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorizations and/or restrictions on use:

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII) 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, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorization per REACH Annex XIV
Sodium Carbonate	75.	-
Protease	75.	-

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

EU - Plant Protection Products (1107/2009/EC)

Biocidal Products Regulation (EU) No 528/2012 (BPR)

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.

15.2. Chemical safety assessment

Chemical Safety Report

No chemical safety assessment has been carried out for this mixture per REACH regulation.

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 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

H412 - Harmful to aquatic life with long lasting effects

Legend

SVHC: Substances of Very High Concern for Authorization:

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average)

STEL

STEL (Short Term Exposure Limit)

Ceiling Maximum limit value

*

Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Serious eye damage/eye irritation	Calculation method

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Further information Salts listed in Section 3 without a REACh Registration number are exempt, based on Annex V.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet