



# 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

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Revision Number 1

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

### 1.1. Product identifier

**Product Identifier** C-91293766-004\_RET\_CLPR7\_EUR\_SAW  
**Product Name** FAIRY All in One Original plus  
**Product Form** 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

Manufacturer	Supplier
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

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

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

<b>Serious eye damage/eye irritation</b>	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

P280 - Wear eye protection  
P301 + P330 + P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting  
Drink small amount of water to dilute  
P305 + P351 - IF IN EYES: Rinse cautiously with water for several minutes  
P310 - Immediately call a POISON CENTER/doctor

EUH208 - Contains Protease May produce an allergic reaction.

### 2.3. Other hazards

No information available.

**Endocrine Disruptor Information** There are no substances contained at or above the regulated value for declaration of >0.1% that fall under the definition of confirmed endocrine disruptors of any EU regulation.

## 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	497-19-8	>30	01-21194854 98-19	207-838-8	Eye Irrit. 2(H319)	-	-	-
Sodium Carbonate Peroxide	15630-89-4	5 - 10	01-21194572 68-30	239-707-6	Ox. Sol. 3(H272) Acute Tox. 4 (Oral)(H302) Eye Dam. 1(H318)	Eye Dam. 1 :: 25%<=C<10 0% Eye Irrit. 2 :: 10%<=C<25 %	-	-
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 :: 30%<=C<10 0%	-	-
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)	-	-	-
Trideceth-n	69011-36-5	1 - 5	No data available	-	Acute Tox. 4 (Oral)(H302) Eye Dam. 1(H318)	-	-	-
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)	-	1	-

					Aquatic Chronic 2(H411)			
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**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

<b>General advice</b>	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. (Call a physician if symptoms occur).
<b>Eye contact</b>	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.
<b>Skin contact</b>	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.
<b>Ingestion</b>	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a physician or poison control center immediately. Drink small amount of water to dilute.
<b>Self-protection of the first aider</b>	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

<b>Symptoms</b>	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

<b>Note to physicians</b>	Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable Extinguishing Media</b>	Dry chemical. Alcohol resistant foam. Carbon dioxide (CO <sub>2</sub> ).
<b>Large Fire</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Unsuitable extinguishing media</b>	Do not scatter spilled material with high pressure water streams.

### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards arising from the chemical</b>	None in particular.
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### 5.3. Advice for firefighters

<b>Special protective equipment for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
<b>For emergency responders</b>	Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

<b>Environmental precautions</b>	See Section 12 for additional Ecological Information.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for containment</b>	Scoop absorbed substance into closing containers.
<b>Methods for cleaning up</b>	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.
<b>Prevention of secondary hazards</b>	Clean contaminated objects and areas thoroughly observing environmental regulations.

### 6.4. Reference to other sections

<b>Reference to other sections</b>	See section 8 for more information. See section 13 for more information.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

<b>Advice on safe handling</b>	Avoid contact with skin. Avoid contact with eyes. Use personal protection equipment. Do not eat, drink or smoke when using this product.
<b>General hygiene considerations</b>	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

<b>Storage Conditions</b>	Keep/store only in original container. Keep tightly closed in a dry and cool place. Keep away from heat.
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### 7.3. Specific end use(s)

#### Specific use(s)

Cleaning/washing agents and additives.

**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 <sup>3</sup> * Respiratory Sensitisation
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Sodium Carbonate	-	TWA: 5 mg/m <sup>3</sup> Ceiling: 10 mg/m <sup>3</sup>	-	-	-
Protease	-	-	Ceiling: 0.00006 mg/m <sup>3</sup>	TWA: 1 glycine unit/m <sup>3</sup> STEL: 3 glycine unit/m <sup>3</sup>	-
Chemical name	France	Germany	Germany MAK	Greece	Hungary
Protease	-	-	respiratory sensitizer	-	-
Chemical name	Ireland	Italy	Italy REL	Latvia	Lithuania
Protease	TWA: 0.00006 mg/m <sup>3</sup> STEL: 0.00006 mg/m <sup>3</sup> Sensitizer	-	Ceiling: 0.00006 mg/m <sup>3</sup>	-	-
Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
Sodium Carbonate	-	TWA: 1 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup>	-	-	-
Protease	Ceiling: 0.00006 mg/m <sup>3</sup>	-	-	-	STEL: 0.00006 mg/m <sup>3</sup>

Chemical name	Sweden	Switzerland	United Kingdom	Israel - Occupational Exposure Limits - TWAs	sensitizer Turkey
Protease	NGV: 1 glycine unit/m <sup>3</sup> Bindande KGV: 3 glycine unit/m <sup>3</sup> Sensitizer	STEL: 0.00006 mg/m <sup>3</sup>	TWA: 0.00004 mg/m <sup>3</sup> STEL: 0.00012 mg/m <sup>3</sup> Capable of causing occupational asthma	-	-

#### 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	-	-	-	10 mg/m <sup>3</sup>
Sodium Carbonate Peroxide	-	-	12.8 mg/cm <sup>2</sup>	5 mg/m <sup>3</sup>
Tetrasodium Etidronate	48 mg/kg bw/day	16.9 mg/m <sup>3</sup>	-	10 mg/m <sup>3</sup>
TAED	20 mg/kg bw/d	6.4 mg/m <sup>3</sup>	-	-
Sodium Chloride	295.52 mg/kg bw/day	2068.62 mg/m <sup>3</sup>	-	-
Protease	-	-	-	0.00006 mg/m <sup>3</sup>

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

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 <sup>3</sup>	24 mg/kg bw/day
TAED	0.45 mg/kg bw/d	75 mg/m <sup>3</sup>	10 mg/kg bw/d
Sodium Chloride	126.65 mg/kg bw/day	443.28 mg/m <sup>3</sup>	126.65 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/cm <sup>2</sup>
Sodium Chloride	295.52 mg/kg bw/day	2068.62 mg/m <sup>3</sup>	295.52 mg/kg bw/day	-

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

Chemical name	Consumer - oral, short-term - systemic	Consumer - inhalative, short-term - systemic	Consumer - dermal, short-term - systemic
Sodium Chloride	126.65 mg/kg bw/day	443.28 mg/m <sup>3</sup>	126.65 mg/kg bw/day
Protease	3.6 mg/kg bw/day	-	-

#### Predicted No Effect Concentration (PNEC)

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
Sodium Chloride	5 mg/L	-	19 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	-	-
Sodium Chloride	-	-	500 mg/L	4.86 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

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

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<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>Initial boiling point and boiling range</b>	No data available	Not available. This property is not relevant for the safety and classification of this product
<b>Flammability</b>		Not applicable. This property is not relevant for liquid product forms
<b>Flammability Limit in Air</b>		Not available. This property is not relevant for the safety and classification of this product
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>flash point</b>	No Data Available	Not available. This property is not relevant for the safety and classification of this product

<b>Autoignition temperature</b>	75 °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>pH</b>	10	Liquid 6 - 8.5
<b>Dynamic Viscosity</b>	No Data Available	Not available. This property is not relevant for the safety and classification of this product
<b>Water solubility</b>	Soluble in water	
<b>Solubility(ies)</b>	No Data Available	Not available. This property is not relevant for the safety and classification of this product
<b>Partition coefficient</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 available. This property is not relevant for the safety and classification of this product
<b>Relative density</b>	No Data Available	Not available. This property is not relevant for the safety and classification of this product
<b>Relative vapor density</b>	No data available	Propellant
<b>Particle characteristics</b>		Not available. This property is not relevant for the safety and classification of this product
<b>Particle Size</b>	No information available	
<b>Particle Size Distribution</b>	No information available	

## 9.2. Other information

9.2.1. Information with regard to physical hazard classes  
Not applicable

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.

**Numerical measures of toxicity**

**Acute toxicity**

The following values are calculated based on chapter 3.1 of the GHS document  
ATEmix (oral) 9,483.20 mg/kg

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Carbonate	2800 mg/kg bw	> 2000 mg/kg bw (EPA 16 CFR 1500.40)	-
Carbonic acid disodium salt, compd. with hydrogen peroxide	893 mg/kg bw	> 2000 mg/kg bw	-
Phosphonic acid, P,P'-(1-hydroxyethylidene)bis-, sodium salt (1:4)	-	> 5000 mg/kg bw (OECD 402)	-
Total Protein (Subtilisin)	1800 mg/kg bw (OECD 401)	-	-

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

Chemical name	Reproductive toxicity	Species	Skin corrosion/irritation	Species	Sensitization	Species
Protease	-	-	Y (OECD 404)	-	Y	-

Chemical name	Skin sensitization	Species	STOT - single exposure	Target Organs	Species	STOT - repeated exposure	Target Organs	Species	Aspiration hazard
Protease	-	-	Y	-	-	-	-	-	-

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

<b>Skin corrosion/irritation</b>	No information available.
<b>Serious eye damage/eye irritation</b>	Risk of serious damage to eyes.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	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 0.74316 % of components with unknown hazards to the aquatic environment.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium Carbonate	-	300 mg/L (Lepomis macrochirus; 96 h)	-	200 - 227 mg/L (Ceriodaphnia sp.; 48 h)
Carbonic acid disodium salt, compd. with hydrogen peroxide	-	70.7 mg/L (Pimephales promelas; 48 h)	-	4.9 mg/L (Daphnia pulex; 48 h)
Phosphonic acid, P,P'-(1-hydroxyethylidene)bis-, sodium salt (1:4)	-	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)
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	1 - 10 mg/L	-	-	-	-
Sodium Carbonate Peroxide	-	-	2 mg/L (Daphnia pulex; 2 d)	-	-
TAED	655 mg/L (OECD 201; Desmodosmus subspicatus; 3 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)
Sodium Chloride	-	252 mg/L (OECD 210; Pimephales promelas; 33 d)	441 mg/L (OECD 211; Daphnia pulex; 21 d)	-	243 mg/kg soil dw (Similar to OECD 208; Poa pratensis; based on growth; 7 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	22.87% BOD <sub>5</sub> *100/COD; ISO 5815; 5 d	-	-	6.7 % (Read across data on Etidronic acid; guideline not indicated; Iowa Farm Soil; CO <sub>2</sub> evolution; 119 d)
TAED	99% CO <sub>2</sub> ; OECD 301 B; > 60% (10 d)	-	-	75.1% (OECD 301 B; aerobic; activated sludge, domestic, non-adapted; CO <sub>2</sub> evolution; 27 d; meets the 10 d window criteria)
Protease	102% CO <sub>2</sub> OECD 301 B; 29 d	-	-	-

## 12.3. Bioaccumulative potential

### Bioaccumulation

There is no data for this product.

### Component Information

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 K <sub>oc</sub>
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	The substance is not PBT / vPvB PBT assessment does not apply
Sodium Carbonate Peroxide	The substance is not PBT / vPvB PBT assessment does not apply
Tetrasodium Etidronate	The substance is not PBT / vPvB
Trideceth-n	The substance is not PBT / vPvB
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**

<b>Waste from residues/unused products</b>	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.
<b>Contaminated packaging</b>	Do not reuse empty containers.
<b>Waste codes / waste designations according to EWC / AVV</b>	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

##### France

Occupational Illnesses (R-463-3, France)

##### Germany

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

#### 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

#### Plant protection products directive (91/414/EEC)

#### EU - Biocides

#### 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

**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**