

**Issuing Date:** 19-Jul-2023

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**Revision Number** 1

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

### 1.1. Product identifier

<b>Product Identifier</b>	C-20157321-001_PGP_CLPR7_EUR_SAW
<b>Product Name</b>	Bold Professional Lotus Flower and Lily
<b>Product Form</b>	Mixture
<b>Pure substance/mixture</b>	Mixture

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

<b>Recommended use</b>	Restricted to professional users
<b>Uses advised against</b>	No information available
<b>Main user category</b>	SU 22 - Professional uses
<b>Product category</b>	Laundry Liquid
<b>Use category</b>	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 PGP, Weybridge, Surrey, KT13 0XP, UK Tel: 01932 896000 Fax: 01932 896200	P&G Amiens, Zone Industrielle, Rue Andre, Durouchez, BP 1336, 80013, Amiens, France Tel: 33-3-22-543200 Fax: 33-3-22-435466
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** customerservice@pgprof.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

<b>Serious eye damage/eye irritation</b>	Category 2 - (H319)
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### 2.2. Label elements



**Signal word**  
Warning

### Hazard statements

H319 - Causes serious eye irritation

**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

P301 + P312 - IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell

EUH208 - Contains Benzisothiazolinone 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 C10-13 Alkyl Benzenesulfonate	68411-30-3	5 - 10	01-21194894 28-22	270-115-0	Acute Tox. 4 (Oral)(H302) Skin Irrit. 2(H315) Eye Dam. 1(H318) Aquatic Chronic 3(H412)	-	-	-
C15 Pareth-n	34398-05-5	1 - 5	No data available	-	Acute Tox. 4 (Oral)(H302) Eye Dam. 1(H318) Aquatic Acute 1(H400) Aquatic Chronic 3(H412)	-	-	-
MEA-C10-13 Alkyl Benzenesulfonate	85480-55-3	1 - 5	01-21199058 42-39	287-335-8	Acute Tox. 4 (Oral)(H302) Skin Irrit. 2(H315) Eye Dam. 1(H318) Aquatic Chronic 3(H412)	-	-	-
Sodium Laureth Sulfate	68585-34-2	1 - 5	No data available	500-223-8 500-234-8	Skin Irrit. 2(H315) Eye Dam. 1(H318) Aquatic Chronic 3(H412)	-	-	-

Benzisothiazolinone	2634-33-5	0 - 1	01-21207615 40-60	220-120-9	Acute Tox. 4 (Oral)(H302) Skin Irrit. 2(H315) Eye Dam. 1(H318) Skin Sens. 1(H317) Aquatic Acute 1(H400) Aquatic Chronic 2(H411)	Skin Sens. 1;H317 :: 0.05%<=C<1 00%	-	-
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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>	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. Get medical attention if symptoms occur.
<b>Ingestion</b>	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a physician or poison control center immediately.
<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>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

**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** Take up with sand or other noncombustible absorbent material and place into containers for later disposal. Small quantities of liquid spill: Large Spills: contain released substance, pump into suitable 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.  
**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.

### 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	France	Germany	Germany DFG	Greece	Hungary
Benzisothiazolinone	-	-	skin sensitizer	-	-

#### 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 C10-13 Alkyl Benzenesulfonate	119 mg/kg bw/day	0.0076 mg/l	-	6 mg/m <sup>3</sup>
MEA-C10-13 Alkyl Benzenesulfonate	119 mg/kg bw/day	6.71 mg/m <sup>3</sup>	-	12 mg/m <sup>3</sup>
Benzisothiazolinone	0.966 mg/kg bw/day	6.81 mg/m <sup>3</sup>	-	-

Chemical name	Consumer - oral, long-term - local	Consumer - inhalative, long-term - local	Consumer - dermal, long-term - local
Sodium C10-13 Alkyl Benzenesulfonate	-	1.5 mg/m <sup>3</sup>	-
MEA-C10-13 Alkyl Benzenesulfonate	-	3 mg/m <sup>3</sup>	-

Chemical name	Consumer - oral, long-term - systemic	Consumer - inhalative, long-term - systemic	Consumer - dermal, long-term - systemic
Sodium C10-13 Alkyl Benzenesulfonate	0.425 mg/kg bw/day	0.0013 mg/l	42.5 mg/kg bw/day
MEA-C10-13 Alkyl Benzenesulfonate	0.425 mg/kg bw/day	1.18 mg/m³	42.5 mg/kg bw/day
Benzisothiazolinone	-	1.2 mg/m³	0.345 mg/kg bw/day

**Predicted No Effect Concentration (PNEC)** No information available.

Chemical name	Fresh Water	Marine water	Intermittent release
Sodium C10-13 Alkyl Benzenesulfonate	0.268 mg/L	0.027 mg/L	0.017 mg/L
MEA-C10-13 Alkyl Benzenesulfonate	0.268 mg/L	0.027 mg/L	0.022 mg/L
Benzisothiazolinone	0.00403 mg/L	0.000403 mg/L	0.0011 mg/L

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment plant	Soil	Air	Oral
Sodium C10-13 Alkyl Benzenesulfonate	8.1 mg/kg sediment dw	6.8 mg/kg sediment dw	3.43 mg/L	35 mg/kg soil dw	-	-
MEA-C10-13 Alkyl Benzenesulfonate	8.1 mg/kg sediment dw	0.81 mg/kg sediment dw	3.43 mg/L	35 mg/kg soil dw	-	-
Benzisothiazolinone	0.0499 mg/kg sediment dw	0.00499 mg/kg sediment dw	1.03 mg/L	3 mg/kg soil dw	-	-

## 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	Liquid
Appearance	Liquid
Color	Coloured
Odor	Pleasant (perfume)
Odor threshold	Not applicable

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 > 95 °C

Flammability

Not applicable. This property is not relevant for liquid product forms

Flammability Limit in Air

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

Upper flammability or explosive limits No data available

Lower flammability or explosive limits No data available

Flash point No Flash to Boiling (NFTB)

Autoignition temperature No data available

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

Decomposition temperature No Data Available

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

pH 7 - 9

Dynamic viscosity 100 - 1000 mPa s

Water solubility Soluble in water

Solubility(ies) No Data Available

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

Partition coefficient No Data Available

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

Vapor pressure No Data Available

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

Relative density 1 - 1.1

Relative vapor density No data available

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

Particle characteristics

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

Particle Size No information available

Particle Size Distribution No information available

## 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

<b>Inhalation</b>	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.
<b>Ingestion</b>	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

<b>Symptoms</b>	May cause redness and tearing of the eyes.
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#### Numerical measures of toxicity

##### Acute toxicity

##### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium C10-13 Alkyl Benzenesulfonate	1080 mg/kg (RAT)	5001 mg/kg (RAT)	-
MEA-C10-13 Alkyl Benzenesulfonate	1089 mg/kg (RAT)	2504 mg/kg (RABBIT)	-
Sodium Laureth Sulfate	5001 mg/kg (RAT)	5001 mg/kg (RABBIT)	-
Benzisothiazolinone	490 mg/kg (RAT)	5001 mg/kg (RAT)	-

Chemical name	Carcinogenicity	Species	Eye Damage	Species	Developmental toxicity	Species	Mutagenicity	Species
Sodium C10-13 Alkyl Benzenesulfonate	-	-	Y (OECD 405)	-	-	-	-	-
MEA-C10-13 Alkyl Benzenesulfonate	-	-	Y (OECD 405)	-	-	-	-	-
Benzisothiazolinone	-	-	Y (OECD 437)	-	-	-	-	-

Chemical name	Reproductive toxicity	Species	Skin corrosion/irritation	Species	Sensitization	Species
Sodium C10-13 Alkyl Benzenesulfonate	-	-	Y (OECD 404)	-	-	-
MEA-C10-13 Alkyl Benzenesulfonate	-	-	Y (100%; OECD 404)	-	-	-

Chemical name	Skin sensitization	Species	STOT - single exposure	Target Organs	Species	STOT - repeated exposure	Target Organs	Species	Aspiration hazard
Benzisothiazolinone	Y (OECD 406)	-	-	-	-	-	-	-	-

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

<b>Skin corrosion/irritation</b>	Not applicable.
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.
<b>Respiratory or skin sensitization</b>	Not applicable.
<b>Germ cell mutagenicity</b>	None known.
<b>Carcinogenicity</b>	None known.
<b>Reproductive toxicity</b>	None known.
<b>STOT - single exposure</b>	None known.
<b>STOT - repeated exposure</b>	None known.
<b>Aspiration hazard</b>	Not applicable.

#### 11.2. Information on other hazards

##### 11.2.1. Endocrine disrupting properties

<b>Endocrine disrupting properties</b>	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.
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##### 11.2.2. Other information

<b>Other adverse effects</b>	None known.
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## **SECTION 12: Ecological information**

### 12.1. Toxicity

<b>Ecotoxicity</b>	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.
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Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium C10-13 Alkyl Benzenesulfonate	235 mg/L (Raphidocelis subcapitata; 72 h)	1.67 mg/L (Lepomis macrochirus; 96 h)	-	2.9 mg/L (OECD 202; Daphnia magna; 48 h)
MEA-C10-13 Alkyl	10.9 mg/L (OECD 201;	2.22 mg/L (OECD 203;	-	7.01 mg/L

Benzenesulfonate	Microcystis aeruginosa; 96 h)	Pimephales promelas; 96 h)		(EPA/6000-4-85-013; Daphnia magna; 48 h)
Benzisothiazolinone	0.11 mg/L (OECD 201; Pseudokirchneriella subcapitata; 72 h)	2.15 mg/L (OECD 203; Oncorhynchus mykiss; 96 h)	12.8 mg/L (OECD 209; activated sludge; 3 h)	2.9 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 C10-13 Alkyl Benzenesulfonate	0.5 mg/L (Raphidocelis subcapitata; 4 d)	0.23 mg/L (OECD 210; Oncorhynchus mykiss; 72 d)	1.18 mg/L (OECD 211; Daphnia magna; 21 d)	-	2.4 mg/L (//OECD 218; Chironomus riparius; 28 d)
MEA-C10-13 Alkyl Benzenesulfonate	5.7 mg/L (OECD 201; Scenedesmus quadricauda; 3 d)	0.23 mg/L (Oncorhynchus mykiss; 72 d)	0.293 mg/L (Cocconeis placentula; 28 d)	-	0.268 mg/L (Read across data on dodecyl linear alkylbenzene sulfonate ; guideline not indicated; mayfly, chironomid, and aquatic worm; freshwater; 56 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
Sodium C10-13 Alkyl Benzenesulfonate	85% (OECD 301 B; aerobic; CO <sub>2</sub> evolution; 29 d)	-	-	85% CO <sub>2</sub> ; 29 d; OECD 301 B
MEA-C10-13 Alkyl Benzenesulfonate	85% CO <sub>2</sub> ; OECD 301 B; 29 d	-	-	t1/2: < 22 d (Read across data on sodium 4-undecylbenzenesulfonate; guideline not indicated; sludge amended soil)
Benzisothiazolinone	0%CO <sub>2</sub> ; OECD 301; 63 d	-	-	-

### 12.3. Bioaccumulative potential

#### Bioaccumulation

#### Component Information

Chemical name	Partition coefficient
Sodium C10-13 Alkyl Benzenesulfonate	1.4
MEA-C10-13 Alkyl Benzenesulfonate	1.73
Benzisothiazolinone	0.99

Chemical name	Octanol/water partition coefficient	Bioconcentration factor (BCF)
Sodium C10-13 Alkyl Benzenesulfonate	1.4 (OECD 123)	87 L/kg (OECD 305 E)
MEA-C10-13 Alkyl Benzenesulfonate	2.51 (OECD 123)	495 L/kg
Sodium Laureth Sulfate	< 4	-
Benzisothiazolinone	0.7 (EU Method A.8)	6.62

### 12.4. Mobility in soil

#### Mobility in soil

Chemical name	log K <sub>oc</sub>
Sodium C10-13 Alkyl Benzenesulfonate	3.4
MEA-C10-13 Alkyl Benzenesulfonate	1.167
Benzisothiazolinone	0.97 (OECD 121)

### 12.5. Results of PBT and vPvB assessment

#### PBT and vPvB assessment

No information available.

Chemical name	PBT and vPvB assessment
Sodium C10-13 Alkyl Benzenesulfonate	The substance is not PBT / vPvB
Benzisothiazolinone	The substance is not PBT / vPvB

#### 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** 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.

#### 12.7. Other adverse effects

### **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

##### France

##### Occupational Illnesses (R-463-3, France)

Chemical name	French RG number	Title
Benzisothiazolinone	RG 65	-

##### 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
Benzisothiazolinone	75.	-

##### Persistent Organic Pollutants

Not applicable

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

Not applicable

##### 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

H302 - Harmful if swallowed  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
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	Expert judgment and weight of evidence determination

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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