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

1.1 - Product identifier

Trade name/designation C.8

Chemical name

Product-type Mixture

Product code 60209

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

Relevant identified uses

- Natural Detergent certified by ECOCERT Greenlife according to the ECOCERT standard available at <http://detergents.ecocert/en>
- ready-for-use product
- Detergent booster and washing stain remover
- For professional use only

Uses advised against

- Do not use for private purposes (household).

1.3 - Details of the supplier of the safety data sheet

IPC

10 Quai Malbert

29200 BREST France

Tél : +33(0)2.98.43.45.44

Fax : +33 (0)2.98.44.22.53

ipc@groupe-ipc.com

1.4 - Emergency telephone number

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

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

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

Not Classified	Not classified
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2.2 - Label elements

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

Signal word : None

Pictograms : None

Hazard statements : None

Precautionary statements : None

EUH-phrases

EUH210	Safety data sheet available on request
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Regulation (EC) No. 648/2004 (Detergents regulation)

Contains:

- less than 5%: amphoteric surfactants, nonionic surfactants

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2.3 - Other hazards

<u>PBT-substance.</u>	- No substance present at more than 0.1% meets the criteria for classification as a PBT substance according to annex XIII of REACH regulation (EU) n ° 1907/2006
<u>vPvB-substance.</u>	- No substance present at more than 0.1% meets the criteria for classification as a vPvB substance in accordance with Annex XIII of REACH Regulation (EU) No. 1907/2006
<u>Other hazards which do not result in classification</u>	- No substance is known to have endocrine disrupting properties in accordance with Regulation (EU) 2017/2100

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

Chemical name	No	%	Class(es)	Specific concentration limit
potassium carbonate INCI: POTASSIUM CARBONATE	CAS No. : 584-08-7 Index No. : EC No. : 209-529-3 REACH No. : 01-2119532646-36-XXXX	1 - 5	Eye Irrit. 2 - H319 Skin Irrit. 2 - H315 STOT SE 3 - H335	Not applicable

SECTION 4: First aid measures

4.1 - Description of first aid measures

<u>Following inhalation</u>	- No special measures are necessary.
<u>Following skin contact</u>	- When in doubt or if symptoms are observed, get medical advice.
<u>After eye contact</u>	- In case of eye irritation consult an ophthalmologist.
<u>After ingestion</u>	- 1 - NEVER make the victim VOMITING or DRINKING - 2 - Immediately call a doctor or the Poison Control Centre, specifying the product. - 3 - Take the victim outside and keep him/her at rest in a position where he/she can breathe comfortably. - 4 - If vomiting occurs, hold the head down to prevent vomit from entering the lungs. - 5- In the event of ingestion, if the quantity is small (no more than one sip), rinse your mouth with water and consult a doctor. - 6- In geval van accidentele inname, bel een arts of het antigifcentrum dat het product specificeert om de wenselijkheid van controle en daaropvolgende behandeling in een ziekenhuisomgeving te beoordelen, indien nodig.

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

<u>Symptoms and effects - Following inhalation</u>	- The most important known symptoms and effects are described on the label (see section 2.2) and / or in section 11.
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<u>Symptoms and effects - Following skin contact</u>	- The most important known symptoms and effects are described on the label (see section 2.2) and / or in section 11.
<u>Symptoms and effects - After eye contact</u>	- The most important known symptoms and effects are described on the label (see section 2.2) and / or in section 11.
<u>Symptoms and effects - After ingestion</u>	- The most important known symptoms and effects are described on the label (see section 2.2) and / or in section 11.

4.3 - Indication of any immediate medical attention and special treatment needed

- Consult your doctor and show him this safety data sheet

SECTION 5: Firefighting measures

5.1 - Extinguishing media

<u>Suitable extinguishing media</u>	<ul style="list-style-type: none">- 1 - Class B lights:- 2 - Powder extinguisher (dry multipurpose ABC and BC powder)- 3 - CO2 fire extinguisher- 4 - Water with AFFF (Floating Film Forming Agent) additive- 5 - Foam- 6 - Sand- 7 - Fire blanket
<u>Unsuitable extinguishing media</u>	<ul style="list-style-type: none">- 1 - Water spray extinguishers without additives, except for flammable fires with a flashpoint above 100°C- 2 - Water jet spray- 3 - Water should not be used on liquids less dense than water

5.2 - Special hazards arising from the substance or mixture

<u>Special hazards arising from the substance or mixture</u>	- A fire will often produce thick black smoke. Exposure to decomposition products can cause health risks
<u>Hazardous decomposition products</u>	- Do not breathe fumes. Combustion products may contain carbon monoxide, carbon dioxide (CO2), nitrogen oxide (NO), nitrogen dioxide (NO2)

5.3 - Advice for firefighters

- * Main fire-fighting measures:
- 1- The intervention must be carried out wearing boots, gloves, eye and face protection, a self-contained breathing apparatus and a suit adapted to the chemical substances
- 2- Remove the fuel.
- 3- Prevent the containers from heating up by using water curtains or a heat shield.
- 4- Isolate the impacted area.
- 5- Adapting extinguishing measures to the surrounding environment
- 6- Do not allow extinguishing water to enter drains and waterways, treat as hazardous waste.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

<u>For non-emergency personnel</u>	- *Procedure in the event of a spill
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- 1- Alert / evacuate people in the immediate area.
- 2- Cut off the source of the spill and sources of ignition and heat
- 3- Schließen Sie die Türen oder sperren Sie den Bereich mit Klebeband ab.
- 4- Put on the appropriate personal protective equipment (see section 8).
- 5- Confine and cover the spill with suitable absorbent aggregates (see 6.3).
- 6- Collect the absorbent aggregates in a drum for disposal (see section 13). Thoroughly clean the soiled area with water.

For emergency responders

- Rescuers are equipped with appropriate personal protective equipment (see section 8).

6.2 - Environmental precautions

- 1 - Avoid release to the environment.
- 2 - Prevent run-off into waterways, sewers, basements or enclosed spaces
- 3 - Contain and collect spills with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth in drums for waste disposal

6.3 - Methods and material for containment and cleaning up

Methods and material for containment

- * Set up a protective enclosure: use socks, absorbent sheets and pads for minor spills and booms, absorbent rolls for major spills.
- *Contain and collect spills with non-combustible absorbent materials in drums for waste disposal.
- *Sewer covers: use blanket covers, unless the building is on retention and the sewers are connected to retention tanks.

Methods and material for cleaning up

- Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

6.4 - Reference to other sections

- *Refer to Section 13 for the management of contaminated absorbents
- *See section 4 for first aid measures
- *See section 5 for fire-fighting measures
- *See section 8 for personal protective equipment

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation

- No special technical protective measures are necessary.

Advices on general occupational hygiene

- * Read the label or leaflet before use and follow the specific instructions for each use.
- *Wash soiled clothing before reuse.
- *The work clothes used must not be worn outside the work area.
- *Do not eat, drink, smoke or snuff during use.
- * Wash your hands after each use
- Spray at 30cm from the surfaces

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- Use in spray

7.2 - Conditions for safe storage, including any incompatibilities

- * Store at room temperature in the original packaging tightly closed
- *Protect against: High heat
- Storage temperature : 5-40°C
- Maximum storage time : 24 months

7.3 - Specific end use(s)

- For more information on the use of the product, see the technical data sheet and the label.

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

DNEL / PNEC

potassium carbonate (584-08-7)

Type	Value	User	Effect
DNEL acute inhalative	10 mg/m ³	Workers	Local
DNEL long-term inhalative	10 mg/m ³	Workers	Local
DNEL long-term inhalative	10 mg/m ³	Consumers	Local
DNEL long-term dermal	16 mg/cm ²	Workers	Local
DNEL long-term dermal	8 mg/cm ²	Consumers	Local

8.2 - Exposure controls

Appropriate engineering controls

- Maintain premises and workstations in a perfect state of cleanliness, clean them frequently

Individual protection measures, such as personal protective equipment

- If the product is used under normal conditions of use, wearing PPE is not necessary.
- Eye protection: when liquid transfer takes place

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

<u>Physical state</u>	Liquid	<u>Appearance</u>	Clear liquid
<u>Colour</u>	slightly yellow	<u>Odour</u>	odourless
Odour threshold	No data available		
pH	10,3 < V < 11,3 pH-meter Mettler Toledo Five Easy, 20°C		
Melting point	No data available		
Freezing point	No data available		
Boiling point	No data available		
Flash point	> 62 °C No substance in the mixture is flammable.		
Evaporation rate	No data available		
flammability	No data available		

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Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	1,01 < V < 1,03 @ 20 °C
Density	No data available
Solubility (Water)	No data available
Solubility (Ethanol)	No data available
Solubility (Acetone)	No data available
Solubility (Organic solvents)	No data available
Log KOC	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available

Particle characteristics

Particle size	No data available
Dustiness	No data available
Specific surface area	No data available
Shape	No data available

9.2 - Other information

VOC content	0 %
Minimum ignition energy	No data available
Conductivity	No data available
Refractive index	No data available
Solids content	No data available
Surface tension	No data available
Saturation concentration	No data available

SECTION 10: Stability and reactivity

10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

10.4 - Conditions to avoid

- Keep away from heat.
- Do not mix with other products

10.5 - Incompatible materials

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- Incompatible with strong acids and strong oxidants
- For delicate colours or textiles (wool, silk), do a preliminary test on an inconspicuous area.

10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.
- Refer to section 5.2 for combustion products.

SECTION 11: Toxicological information

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

Acute toxicity - Not classified

Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

- Based on available data, the classification criteria are not met.

Toxicity : Substances

potassium carbonate (584-08-7)	
LD50 oral (rat)	> 2000 mg/kg (espèce mâle et femelle) OCDE ligne directrice 401
LD50 dermal (rabbit)	> 2000 mg/kg (espèce mâle et femelle) US EPA Pesticide Assessment Guidelines

Skin corrosion/irritation - Not classified

Serious eye damage/eye irritation - Not classified

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

STOT-single exposure - Not classified

STOT-repeated exposure - Not classified

Aspiration hazard - Not classified

11.2 - Information on other hazards

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- The substance/mixture does not contain ingredients considered to have endocrine disrupting properties according to Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or more.

- Interaction effects of substances in the mixture: No data on interaction effects of

SECTION 12: Ecological information

12.1 - Toxicity

Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

Toxicity : Substances

potassium carbonate (584-08-7)	
EC50 48 hr crustacea	200 mg/l (Daphnia pulex (Daphnie); 48 h) (Essai en statique; FIFRA Guideline 72-1)
LC50 96 hr fish	68 mg/l (Oncorhynchus mykiss (Truite arc-en-ciel); 96 h) (Essai en dynamique; FIFRA Guideline 72-1)
NOEC chronic fish	33 mg/l (Oncorhynchus mykiss (Truite arc-en-ciel); 96 h) (Essai en dynamique; FIFRA Guideline 72-1)
NOEC chronic crustacea	120 mg/l (Daphnia pulex (Daphnie); 48 h) (Essai en statique; FIFRA Guideline 72-1)

- The substance/mixture does not fulfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
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Log KOC	No data available
- No indication of bioaccumulation potential.	
12.4 - Mobility in soil	
- No information available.	
12.5 - Results of PBT and vPvB assessment	
- No substance present at more than 0.1% meets the criteria for classification as a PBT substance according to annex XIII of REACH regulation (EU) n ° 1907/2006	
- No substance present at more than 0.1% meets the criteria for classification as a vPvB substance in accordance with Annex XIII of REACH Regulation (EU) No. 1907/2006	
12.6 - Endocrine disrupting properties	
- This mixture does not contain substances with endocrine disrupting properties for non-target organisms, as they do not meet the criteria set out in part B of Regulation (EU) 2017/2100	
12.7 - Other adverse effects	
- No information available.	

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

<u>Waste treatment methods</u>	<ul style="list-style-type: none">- 1- Appropriate waste management of the mixture and/or its container must be determined in accordance with the provisions of Directive 2008/98/EC.- 2- Afvalbeheer gebeurt zonder de menselijke gezondheid in gevaar te brengen en zonder het milieu te schaden, en in het bijzonder zonder een risico te vormen voor water, lucht, bodem, fauna of flora.- 3'- Soiled packaging: Completely empty the container. Rinse it if necessary. Keep the label on the container. Place in a suitable sorting bin.- 4- Do not contaminate the ground or water with waste, do not dispose of it in the environment.
<u>Sewage disposal</u>	<ul style="list-style-type: none">- Do not discharge into drains or waterways
<u>Special precautions for waste treatment</u>	<ul style="list-style-type: none">- * Respect the method of treatment taking into account the "Waste Hierarchy": (Waste Framework Directive)- 1. Prevention (reducing consumption, extending life, reducing the harmful effects of the waste or the content of harmful substances)- 2. Preparation for re-use (checking, cleaning or repairing for recovery of waste for re-use without pre-treatment)- 3. Recycling (reprocessing of waste into products, materials or substances for their original function or for other purposes)
<u>Community or national or regional provisions</u>	<ul style="list-style-type: none">- For waste disposal, contact the relevant authorised waste disposal service.

SECTION 14: Transport information

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14.1 - UN number or ID 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 - Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

Substances REACH candidates None

Substances Annex XIV None

Substances Annex XVII None

VOC content 0 %

- * Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)
- * Information relating to Directive 1999/13/EC on the limitation of emissions of volatile organic compounds (DIR-VOC)
- * The surfactants contained in this mixture comply with the biodegradability criteria as defined in Regulation (EC) No 648/2004 on detergents.
- * Regulation (EC) No. 648/2004 on detergents
- * Regulation (EU) No. 2019/1021 of the European Parliament and of the Council of June 20, 2019 on persistent organic pollutants. (POPs'): None of the components are submitted.
- * Regulation EU.n° 2019/1148: Annex I - PRECURSORS OF EXPLOSIVES SUBJECT TO RESTRICTIONS (Maximum limit value for the purpose of granting a license under article 5, paragraph 3): None components is submitted.
- * Regulation EU.n° 2019/1148: Annex II - PRECURSORS OF EXPLOSIVES SUBJECT TO A REPORT: None of the components are subject.
- * Regulations EU n° 273/2004 and EU: 111/2005 on drug precursors: None of the components are subject.

Regulation (EC) No. 648/2004 (Detergents regulation)

Contains:

- less than 5%: amphoteric surfactants, nonionic surfactants

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15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - *No chemical safety assessment has been carried out for the mixture.

SECTION 16: Other information

SDS versions

Version	Issue date	Author	Description of the amendments
4	06/06/2023		Composition update
3,01	22/12/2022		Update in compliance with Annex II of the REACH regulation
3	05/05/2021		

literature information ECHA

Data sources: Supplier

Texts of the regulatory sentences

Eye Irrit. 2	Eye irritation - Category 2
Not Classified	Not classified
Skin Irrit. 2	Irritation, Category 2
STOT SE 3	STOT-single exposure - Category 3 (H335)

Training advice - The product is intended for professional use.

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]
Complies with Regulation (EC) No. 1907/2006 (REACH) (amended by Regulation (EU) No. 453/2010)
Complies with Annex II of the REACH regulation amended by REGULATION (EU) N°878/2020 of June 18, 2020
The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
Observe technical data sheet.

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