

A3 PRETREMPEGE POWDRE

SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : A3 PRETREMPEGE POWDRE

Product code : 10837.

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

HYGIENE WASHING MACHINE

CLEANING DISH

DEGREASING DESCALE

Main use category : Product intended for strictly professional use.

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

ipc@groupe-ipc.com

1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

Association/Organisation : ORFILA <http://www.centres-antipoison.net>.

Other emergency numbers

European emergency call number : 112

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Skin irritation, Category 2 (Skin Irrit. 2, H315).

Serious eye damage, Category 1 (Eye Dam. 1, H318).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

Detergent mixture (see section 15).

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS05

Signal Word :

DANGER

Product identifiers :

EC 270-115-0

BENZENESULFONIC ACID, C10-13-ALKYL DERIVS., SODIUM SALTS

EC 200-573-9

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

011-002-00-6

SODIUM HYDROXIDE

Hazard statements :

H315

Causes skin irritation.

H318

Causes serious eye damage.

Precautionary statements - Prevention :

P280

Wear protective gloves, protective clothing, eye protection and face protection.

A3 PRETREMPEGE POWDRE

Precautionary statements - Response :

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or a doctor.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

In use, may form flammable/explosive dust-air mixture.

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) \geq 0.1% published by the European Chemicals Agency (ECHA) under article 59 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

The mixture does not contain substances \geq 0.1% with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS**3.2. Mixtures****Composition :**

Identification	Classification (EC) 1272/2008	Note	%
INDEX: 011-005-00-2 CAS: 497-19-8 EC: 207-838-8 REACH: 01-2119485498-19-XXXX	GHS07 Wng Eye Irrit. 2, H319		50 \leq x % < 92.4
SODIUM CARBONATE			
INDEX: 0971 CAS: 68411-30-3 EC: 270-115-0 REACH: 01-2119565112-48-0000	GHS07, GHS05 Dgr Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412		2.5 \leq x % < 4.9
BENZENESULFONIC ACID, C10-13-ALKYL DERIVS., SODIUM SALTS			
INDEX: 607_428_00_2 CAS: 64-02-8 EC: 200-573-9 REACH: 01-2119486762-27	GHS07, GHS05, GHS08 Dgr Acute Tox. 4, H302 Eye Dam. 1, H318 Acute Tox. 4, H332 STOT RE 2, H373		0 \leq x % < 2.7
TETRASODIUM ETHYLENE DIAMINE TETRAACETATE			
INDEX: 011-002-00-6 CAS: 1310-73-2 EC: 215-185-5 REACH: 01-2119457892-27-XXXX	GHS05 Dgr Skin Corr. 1A, H314	[i]	0 \leq x % < 2
SODIUM HYDROXIDE			

Specific concentration limits:

Identification	Specific concentration limits	ATE
INDEX: 0971 CAS: 68411-30-3 EC: 270-115-0 REACH: 01-2119565112-48-0000		oral: ATE = 1080 mg/kg BW
BENZENESULFONIC ACID, C10-13-ALKYL DERIVS., SODIUM SALTS		
INDEX: 607_428_00_2 CAS: 64-02-8 EC: 200-573-9 REACH: 01-2119486762-27		inhalation: ATE = 1.0001 mg/l 4h (dust/mist) oral: ATE = 1780 mg/kg BW
TETRASODIUM ETHYLENE DIAMINE TETRAACETATE		

A3 PRETREMPEGE POWDRE

INDEX: 011-002-00-6 CAS: 1310-73-2 EC: 215-185-5 REACH: 01-2119457892-27-XXXX SODIUM HYDROXIDE	Skin Corr. 1A: H314 C _≥ 5% Skin Corr. 1B: H314 2% ≤ C < 5% Skin Irrit. 2: H315 0.5% ≤ C < 2% Eye Dam. 1: H318 C _≥ 2% Eye Irrit. 2: H319 0.5% ≤ C < 2%	
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Information on ingredients :

(Full text of H-phrases: see section 16)

[i] Substance for which maximum workplace exposure limits are available.

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. description of first aid measures

In the event of exposure by inhalation :

Remove the victim away from the product. Provide fresh air. Consult a doctor in case the symptoms persist.

In the event of splashes or contact with eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

In the event of splashes or contact with skin :

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

Remove contaminated clothing and wash before reuse. Rinse skin with plenty of water for 15 minutes. In severe cases or if you feel unwell, consult a doctor.

In the event of swallowing :

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Seek medical attention immediately, showing the label.

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

No data available.

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

No data available.

SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

Suitable methods of extinction

In the event of a fire, use :

- sprayed water or water mist
- foam
- carbon dioxide (CO₂)

Unsuitable methods of extinction

In the event of a fire, do not use :

- water jet

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

A3 PRETREMPEGE POWDRE

5.3. Advice for firefighters

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes.

No action shall be taken involving any personal risk or without suitable training. Evacuate the area.

Diluted in water at 1%, the solution becomes corrosive to the eyes and skin with an extreme pH of 12 +/-1.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

Diluted in water at 1%, the solution becomes corrosive to the eyes and skin with an extreme pH of 12 +/-1.

6.2. Environmental precautions

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Neutralise with an acidic decontaminant.

Retrieve the product by mechanical means (sweeping/vacuuming) : do not generate dust.

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Emergency showers and eye wash stations will be required in facilities where the mixture is handled constantly.

Fire prevention :

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Avoid eye contact with this mixture at all times.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

Store in dry places, protected from acids and in closed packaging.

Storage

Store in its original packing, closed well. Keep out of light, heat, frost and humidity.

Packaging

Always keep in packaging made of an identical material to the original.

Recommended types of packaging :

- Buckets

- Flexible plastics

Suitable packaging materials :

- Food-grade plastic

Unsuitable packaging materials :

- Steel

- Metal

7.3. Specific end use(s)

No data available.

A3 PRETREMPEGE POWDRE

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits :

- France :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :
1310-73-2 SODIUM HYDROXIDE		2				

- UK :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
1310-73-2 SODIUM HYDROXIDE		2 mg/m3			

- Belgium :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
1310-73-2 SODIUM HYDROXIDE	2 mg/m3				

- Ireland :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
1310-73-2 SODIUM HYDROXIDE		2 mg/m3			

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

SODIUM HYDROXIDE (CAS: 1310-73-2)

Final use:

Exposure method:
Potential health effects:
DNEL :

Workers.

Inhalation.
Long term local effects.
1.0 mg of substance/m3

Final use:

Exposure method:
Potential health effects:
DNEL :

Consumers.

Inhalation.
Long term local effects.
1.0 mg of substance/m3

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)

Final use:

Exposure method:
Potential health effects:
DNEL :

Workers.

Inhalation.
Short term systemic effects.
3 mg of substance/m3

Exposure method:
Potential health effects:
DNEL :

Inhalation.
Short term local effects.
3 mg of substance/m3

Exposure method:
Potential health effects:
DNEL :

Inhalation.
Long term systemic effects.
1.5 mg of substance/m3

Exposure method:
Potential health effects:
DNEL :

Inhalation.
Long term local effects.
1.5 mg of substance/m3

Final use:

Exposure method:
Potential health effects:
DNEL :

Consumers.

Ingestion.
Long term systemic effects.
25 mg/kg body weight/day

Exposure method:
Potential health effects:

Inhalation.
Short term local effects.

A3 PRETREMPAGE POUDRE

DNEL :	1.2 mg of substance/m3
Exposure method:	Inhalation.
Potential health effects:	Short term systemic effects.
DNEL :	1.2 mg of substance/m3
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	0.6 mg of substance/m3
Exposure method:	Inhalation.
Potential health effects:	Long term local effects.
DNEL :	0.6 mg of substance/m3

BENZENESULFONIC ACID, C10-13-ALKYL DERIVS., SODIUM SALTS (CAS: 68411-30-3)

Final use:	Workers.
Exposure method:	Dermal contact.
Potential health effects:	Long term systemic effects.
DNEL :	85 mg/kg body weight/day
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	6 mg of substance/m3
Final use:	Consumers.
Exposure method:	Ingestion.
Potential health effects:	Long term systemic effects.
DNEL :	0.425 mg/kg body weight/day
Exposure method:	Dermal contact.
Potential health effects:	Long term systemic effects.
DNEL :	42.5 mg/kg body weight/day
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	1.5 mg of substance/m3

SODIUM CARBONATE (CAS: 497-19-8)

Final use:	Workers.
Exposure method:	Inhalation.
Potential health effects:	Long term local effects.
DNEL :	10 mg of substance/m3
Final use:	Consumers.
Exposure method:	Inhalation.
Potential health effects:	Long term local effects.
DNEL :	10 mg of substance/m3

Predicted no effect concentration (PNEC):

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)

Environmental compartment:	Soil.
PNEC :	0.95 mg/kg
Environmental compartment:	Fresh water.
PNEC :	2.8 mg/l
Environmental compartment:	Sea water.

A3 PRETREMPEGE POWDRE

PNEC :	0.28 mg/l
Environmental compartment: PNEC :	Intermittent waste water. 1.6 mg/l
Environmental compartment: PNEC :	Waste water treatment plant. 57 mg/l

BENZENESULFONIC ACID, C10-13-ALKYL DERIVS., SODIUM SALTS (CAS: 68411-30-3)

Environmental compartment: PNEC :	Soil. 35 mg/kg
Environmental compartment: PNEC :	Fresh water. 0.268 mg/l
Environmental compartment: PNEC :	Sea water. 0.0268 mg/l
Environmental compartment: PNEC :	Intermittent waste water. 0.055 mg/l
Environmental compartment: PNEC :	Fresh water sediment. 8.1 mg/kg
Environmental compartment: PNEC :	Marine sediment. 8.1 mg/kg
Environmental compartment: PNEC :	Waste water treatment plant. 5.6 mg/l

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Before handling powders or dust emission, wear mask goggles in accordance with standard ISO 16321.

Prescription glasses are not considered as protection.

Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Natural latex

- PVC (polyvinyl chloride)

- Body protection

Avoid skin contact.

Wear suitable protective clothing.

A3 PRETREMPEGE POWDRE

These clothes shall be chosen to ensure there is no inflammation or irritation of the skin at the neck and wrist by contact with the powder

Suitable type of protective clothing :

Wear protective clothing against solid chemicals and particles suspended in the air (type 5) in accordance with standard EN13982-1/A1 to prevent skin contact.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

- Respiratory protection

Avoid inhaling dust.

Type of FFP mask :

Wear a disposable half-mask dust filter in accordance with standard EN149/A1.

Category :

- FFP1

Particle filter according to standard EN143 :

- P (White)

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state

Physical state : Powder or dust.

Colour

Color : white

Odour

Odour threshold : Not stated.

Freezing point

Freezing point / Freezing range : Not stated.

Boiling point or initial boiling point and boiling range

Boiling point/boiling range : Not relevant.

Flammability

Flammability (solid, gas) : Not stated.

Lower and upper explosion limit

Explosive properties, lower explosivity limit (%) Not stated.

:

Explosive properties, upper explosivity limit (%) Not stated.

:

Flash point

Flash point interval : Not relevant.

Auto-ignition temperature

Self-ignition temperature : Not relevant.

Decomposition temperature

Decomposition point/decomposition range : Not relevant.

pH

pH (aqueous solution) : Not stated.

pH : Not stated.

Strongly basic.

Kinematic viscosity

Viscosity : Not stated.

Solubility

Water solubility : Soluble.

Fat solubility : Not stated.

Partition coefficient n-octanol/water (log value)

Partition coefficient: n-octanol/water : Not stated.

Vapour pressure

Vapour pressure (50°C) : Not relevant.

Density and/or relative density

Density : 0,95 g/cm³ +/- 0.1 à 20°C

A3 PRETREMPEGE POWDRE

Relative vapour density

Vapour density : Not stated.

Particle characteristics

The mixture does not contain nanoforms.

9.2. Other information

No data available.

9.2.1. Information with regard to physical hazard classes

No data available.

9.2.2. Other safety characteristics

No data available.

SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

Diluted in water at 1%, the solution becomes corrosive to the eyes and skin with an extreme pH of 12 +/-1.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid :

- formation of dusts
- frost
- humidity

Dusts can form an explosive mixture with air.

10.5. Incompatible materials

Keep away from :

- acids

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

SECTION 11 : TOXICOLOGICAL INFORMATION

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

May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours.

May have irreversible effects on the eyes, such as tissue damage in the eye, or serious physical decay of sight, which is not fully reversible by the end of observation at 21 days.

Serious eye damage is typified by the destruction of cornea, persistent corneal opacity and iritis.

11.1.1. Substances

a) Acute toxicity :

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)

Oral route : LD50 = 1780 mg/kg body weight
Species : Rat

Inhalation route (Dusts/mist) : LC50 = 1.0001 mg/l
Species : Rat
Duration of exposure : 4 h

BENZENESULFONIC ACID, C10-13-ALKYL DERIVS., SODIUM SALTS (CAS: 68411-30-3)

Oral route : LD50 = 1080 mg/kg body weight
Species : Rat
OECD Guideline 401 (Acute Oral Toxicity)

Dermal route : LD50 > 2000 mg/kg body weight

A3 PRETREMPEGE POWDRE

Species : Rat
Other guideline

b) Skin corrosion/skin irritation :

BENZENESULFONIC ACID, C10-13-ALKYL DERIVS., SODIUM SALTS (CAS: 68411-30-3)
Corrosivity : No observed effect.
Species : Rabbit
OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Irritation : Average score = 2.17
Effect observed : Overall irritation score
Species : Rabbit
Duration of exposure : 72 h
OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

c) Serious damage to eyes/eye irritation :

BENZENESULFONIC ACID, C10-13-ALKYL DERIVS., SODIUM SALTS (CAS: 68411-30-3)
The substance produces at least in one animal effects on the cornea that are not expected to reverse or have not fully reversed within an observation period of normally 21 days.

Iritis : Average score = 0.56
Species : Rabbit
Duration of exposure : 72 h
OECD Guideline 405 (Acute Eye Irritation / Corrosion)

The substance produces at least in one animal effects on the conjunctiva that are not expected to reverse or have not fully reversed within an observation period of normally 21 days.

Conjunctival oedema : Average score = 1
Species : Rabbit
Duration of exposure : 72 h
OECD Guideline 405 (Acute Eye Irritation / Corrosion)

d) Respiratory or skin sensitisation :

No data available.

e) Germ cell mutagenicity :

BENZENESULFONIC ACID, C10-13-ALKYL DERIVS., SODIUM SALTS (CAS: 68411-30-3)
No mutagenic effect.

Mutagenesis (in vitro) : Negative.
OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)

f) Carcinogenicity :

No data available.

g) Reproductive toxicant :

No data available.

h) Specific target organ systemic toxicity - single exposure :

No data available.

i) Specific target organ systemic toxicity - repeated exposure :

No data available.

j) Aspiration hazard :

No data available.

11.1.2. Mixture

No toxicological data available for the mixture.

A3 PRETREMPEGE POWDRE

a) Acute toxicity :

No data available.

b) Skin corrosion/skin irritation :

No data available.

c) Serious damage to eyes/eye irritation :

No data available.

d) Respiratory or skin sensitisation :

No data available.

e) Germ cell mutagenicity :

No data available.

f) Carcinogenicity :

No data available.

g) Reproductive toxicant :

No data available.

h) Specific target organ systemic toxicity - single exposure :

No data available.

i) Specific target organ systemic toxicity - repeated exposure :

No data available.

j) Aspiration hazard :

No data available.

11.1.2.2 Other information

11.2. Information on other hazards

SECTION 12 : ECOLOGICAL INFORMATION

12.1. Toxicity

12.1.1. Substances

BENZENESULFONIC ACID, C10-13-ALKYL DERIVS., SODIUM SALTS (CAS: 68411-30-3)

Crustacean toxicity : Species : Daphnia magna

Algae toxicity : ECr50 = 72 mg/l
Duration of exposure : 72 h

NOEC = 1.5 mg/l
Duration of exposure : 72 h

Aquatic plant toxicity : ECr50 = 3.6 mg/l

NOEC = 0.21 mg/l
Duration of exposure : 7 days

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)

Fish toxicity : LC50 > 100 mg/l
Species : Lepomis macrochirus
Duration of exposure : 96 h
EPA OPP 72-1 (Fish Acute Toxicity Test)

NOEC >= 36.9 mg/l
Species : Brachydanio rerio
Duration of exposure : 35 days
OECD Guideline 210 (Fish, Early-Life Stage Toxicity Test)

Crustacean toxicity : EC50 > 100 mg/l
Species : Daphnia magna
Duration of exposure : 48 h

NOEC = 25 mg/l

A3 PRETREMPEGE POWDRE

Species : Daphnia magna
Duration of exposure : 21 days
OECD Guideline 211 (Daphnia magna Reproduction Test)

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

12.2.1. Substances

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)
Biodegradability : Non-rapidly degradable.

BENZENESULFONIC ACID, C10-13-ALKYL DERIVS., SODIUM SALTS (CAS: 68411-30-3)
Biodegradability : Rapidly degradable.

12.2.2. Mixtures

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 at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

12.3.1. Substances

BENZENESULFONIC ACID, C10-13-ALKYL DERIVS., SODIUM SALTS (CAS: 68411-30-3)
Bioaccumulation : BCF < 100.

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)
Octanol/water partition coefficient : log K_{ow} = -13

Bioaccumulation : BCF = 1.8
Species : Lepomis macrochirus (Fish)

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Endocrine disrupting properties

No data available.

12.7. Other adverse effects

No data available.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

14.1. UN number or ID number

-

A3 PRETREMPEGE POWDRE

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

-

14.4. Packing group

-

14.5. Environmental hazards

-

14.6. Special precautions for user

-

14.7. Maritime transport in bulk according to IMO instruments

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SECTION 15 : REGULATORY INFORMATION

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

Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2022/692 (ATP 18)

Container information:

No data available.

Restrictions applied under Title VIII of Regulation (EC) No. 1907/2006 (REACH):

The mixture does not contain any substance restricted under Annex XVII of Regulation (EC) No. 1907/2006 (REACH):
<https://echa.europa.eu/substances-restricted-under-reach>.

Explosives precursors :

The mixture does not contain any substance subject to Regulation (EU) 2019/1148 on the marketing and use of explosives precursors.

Particular provisions :

Particular rules: this product respects the criteria of biodegradability as defined in the rule CE n°648 / 2004 concerning cleaners. The data proving this assertion are held the measure of the competent authorities of member states and will be supplied to them in their express demand.

Labelling for detergents (EC Regulation No. 648/2004,907/2006) :

- 5 % or over but less than 15 % : phosphates
- less than 5 % : anionic surfactants
- less than 5 % : EDTA and salts thereof

Persistent organic pollutants (POP) (Regulation (EU) 2019/1021):

The mixture does not contain a persistent organic pollutant.

15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 :

Classification in accordance with Regulation (EC) No 1272/2008	Classification procedure
Skin Irrit. 2, H315	Calculation method.
Eye Dam. 1, H318	Calculation method.

Wording of the phrases mentioned in section 3 :

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.

A3 PRETREMPEGE POWDRE

H373 May cause damage to organs through prolonged or repeated exposure .
H412 Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms :

LD50 : The dose of a test substance resulting in 50% lethality in a given time period.
LC50 : The concentration of a test substance resulting in 50% lethality in a given period.
EC50 : The effective concentration of substance that causes 50% of the maximum response.
ECr50 : The effective concentration of substance that causes 50% reduction in growth rate.
NOEC : The concentration with no observed effect.
REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.
ATE : Acute Toxicity Estimate
BW : Body Weight
DNEL : Derived No-Effect Level
PNEC : Predicted No-Effect Concentration
STEL : Short-term exposure limit
TWA : Moyenne pondérée dans le temps
TMP : French Occupational Illness table
TLV : Threshold Limit Value (exposure)
AEV : Average Exposure Value.
ADR : European agreement concerning the international carriage of dangerous goods by Road.
IMDG : International Maritime Dangerous Goods.
IATA : International Air Transport Association.
ICAO : International Civil Aviation Organisation
RID : Regulations concerning the International carriage of Dangerous goods by rail.
WGK : Wassergefährdungsklasse (Water Hazard Class).
GHS05 : Corrosion
PBT: Persistent, bioaccumulable and toxic.
vPvB : Very persistent, very bioaccumulable.
SVHC : Substances of very high concern.