

KEDOPLAN 3 FIBRE



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 : KEDOPLAN 3 FIBRE
UFI : C030-X0UY-F00K-92UJ

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

Self-smoothing fibre-reinforced rendering

1.3. Details of the supplier of the safety data sheet

Registered company name : SEMIN S.A.S.
Address : 1 A rue de la Gare.57920.KEDANGE SUR CANNER.
Telephone : +33 (0)3.82.83.53.57 Fax : +33 (0)3.82.83.93.33
mail@semin.com
www.semin.com
Nos FDS sont consultables sur www.quickfds.com

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

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

>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).

May produce an allergic reaction (EUH208).

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

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

Hazard pictograms :



GHS05

Signal Word :

DANGER

Product identifiers :

EC 266-043-4

PORTLAND CEMENT CLINKER

EC 270-659-9

FLUE DUST FROM PORTLAND CEMENT CLINKER PRODUCTION

Additional labeling :

EUH208

Contains PORTLAND CEMENT CLINKER. May produce an allergic reaction.

EUH208

Contains FLUE DUST FROM PORTLAND CEMENT CLINKER PRODUCTION. May produce an allergic reaction.

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Hazard statements :

H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary statements - General :

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.

Precautionary statements - Prevention :

P280 Wear protective gloves (nitrile rubber, neoprene), protective clothing, eye protection and face protection.

Precautionary statements - Response :

P302 + P352 IF ON SKIN: Wash with plenty of water/...
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call immediately a doctor.
P310 Immediately call a POISON CENTER/doctor/...
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

Precautionary statements - Disposal :

P501 Dispose of contents/container to an appropriate waste disposal plant.

> **2.3. Other hazards**

In the event of dust formed by mechanical action (sanding, sawing, etc..), this dust may cause irritation by inhalation and contact with eyes.

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

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European CHEMICALS Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fit/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 >= 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	(EC) 1272/2008	Note	%
CAS: 14808-60-7 EC: 238-878-4 CRYSTALLINE SILICA (ALVEOLAR QUARTZ <1%)		[1]	25 <= x % < 50
CAS: 471-34-1 EC: 207-439-9 CARBONATE DE CALCIUM		[1]	25 <= x % < 50
CAS: 65997-15-1 EC: 266-043-4 PORTLAND CEMENT CLINKER	GHS07, GHS05 Dgr Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Dam. 1, H318 STOT SE 3, H335	[1]	10 <= x % < 25
CAS: 7778-18-9 EC: 231-900-3 REACH: 1-2119444918-26 SULFATE DE CALCIUM		[1]	2.5 <= x % < 10

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CAS: 68475-76-3 EC: 270-659-9 REACH: 01-2119486767-17 FLUE DUST FROM PORTLAND CEMENT CLINKER PRODUCTION	GHS07, GHS05 Dgr Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Dam. 1, H318 STOT SE 3, H335		0 <= x % < 1
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> Specific concentration limits:

Identification	Specific concentration limits	ATE
CAS: 471-34-1 EC: 207-439-9 CARBONATE DE CALCIUM		oral: ATE = 6450 mg/kg BW
CAS: 65997-15-1 EC: 266-043-4 PORTLAND CEMENT CLINKER	Skin Irrit. 2: H315 >=1% Eye Dam. 1: H318 C>= 1% Eye Irrit. 2: H319 0% <= C < 1% Skin Sens. 1B: H317 C>= 0%	
CAS: 68475-76-3 EC: 270-659-9 REACH: 01-2119486767-17 FLUE DUST FROM PORTLAND CEMENT CLINKER PRODUCTION	Skin Irrit. 2: H315 >=10% Eye Dam. 1: H318 C>= 3% Eye Irrit. 2: H319 1% <= C < 3% Skin Sens. 1B: H317 C>= 0%	

Information on ingredients :

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

[1] 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 :**

If breathing is irregular or has stopped, effect mouth-to-mouth resuscitation and call a doctor.

In the event of an allergic reaction, seek medical attention.

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.

In the event of an allergic reaction, seek medical attention.

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.

If the product is dry: remove as much as possible by wiping, then rinse thoroughly with water.

If the product is wet: immediately remove clothing soaked with fresh product (spoiled product) and rinse thoroughly with water.

Consult a physician in case of rash, burns, irritation, dermatitis or prolonged unprotected exposure to fresh product (spoiled product).

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.

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Seek medical attention immediately, showing the label.

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

Skin contact: Dry cement in contact with wet skin or exposure to wet or caked cement may result in thickening of the skin and the appearance of cracks or crevices. Prolonged contact combined with abrasions can cause severe burns.

Eye contact: Direct contact may cause damage to the cornea by rubbing, immediate or delayed irritation or inflammation. Larger amounts of dry cement or splashes of mixed cement can have consequences ranging from moderate irritation (conjunctivitis or blepharitis) to chemical burns and blindness.

If ingested in large quantities: Burns of the mouth, esophagus, digestive tract, nausea, vomiting.

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

Unsuitable methods of extinction

Pressurised 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.

5.3. Advice for firefighters

Avoid rejection of extinguishing waters into environment.

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.

For first aid worker

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

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.

Recover the product by using dry cleaning methods that do not cause the dispersion of the dry product in the air, for example vacuum cleaners (industrial portable, equipped with a filter of high efficiency particulate air (HEPA) or another equivalent technique). Place recovered material in a closed container and dispose as indicate in Item 13.

or mops, brooms or wet sprinkler Pipes (set to fine mist to avoid projecting the product in the air). Recover the resulting slurry.

If it is not possible to suck the dry or the wet, ensure that the staff of dry sweeping wears a suitable personal protective equipment and that it prevents a greater dispersion of dust.

Place recovered material in a closed container. Cause he took before disposal as indicated in item 13.

6.4. Reference to other sections

No data available.

KEDOPLAN 3 FIBRE**>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.

It is advisable to wear a respiratory protection mask.

Avoid contact with skin and eyes.

Avoid dust formation.

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

No data available.

Storage

Keep out of reach of children.

Store in original container, without contact with the ground, in a dry, temperate and poorly ventilated.

Packaging

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

7.3. Specific end use(s)

No data available.

>SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters****> Occupational exposure limits :**

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
14808-60-7	0.05 mg/m ³	-	-	-	R
471-34-1	10 mg/m ³	-	-	-	-
65997-15-1	1 (E.R) mg/m ³			A4	
7778-18-9	10 (I) mg/m ³				

- Germany - AGW (BAuA - TRGS 900, 02/2022) :

CAS	VME :	VME :	Excess	Notes
65997-15-1	-	5 mg/m ³ E	-	DFG
7778-18-9		6A mg/m ³		

- France (INRS - Outils 65 / 2021-1849, 2021-1763, decree of 09/12/2021) :

CAS	VME-ppm :	VME-mg/m ³ :	VLE-ppm :	VLE-mg/m ³ :	Notes :	TMP No :
14808-60-7	-	0.1 A	-	-	-	25
471-34-1	-	10	-	-	-	-
7778-18-9	-	10	-	-	-	-

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- UK / WEL (Workplace exposure limits, EH40/2005, Fourth Edition 2020) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
14808-60-7	0.3 mg/m ³	-	-	-	R
471-34-1	10 mg/m ³	-	-	-	TI
65997-15-1	4 mg/m ³				

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 EN166.

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 :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

- Neoprene® (Polychloroprene)

> - Body protection

Avoid skin contact.

Wear suitable protective clothing.

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.

N/A

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.

Wear clothes appropriate to the type of work and areas that protect products likely to be in contact with the fresh product.

Exposure to fresh product, without adequate protection, can cause an irritant dermatitis or burns.

> - Respiratory protection

Avoid inhaling dust.

Type of FFP mask :

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

Category :

- FFP2

N/A

KEDOPLAN 3 FIBRE**>SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties****Physical state**

Physical state : Powder or dust.

> Odour

Odour threshold : Not stated.

> Melting point

Melting point/melting range : Not relevant.

> 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 : Dilutable.

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 : > 1

> Relative vapour density

Vapour density : Not stated.

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.

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>SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

To our knowledge, this product presents no particular hazard. Mixed with water, the product will harden and form a stable mass, which is not reactive in the natural surroundings.

10.2. Chemical stability

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

The wet cement is alkaline and is incompatible with acids, ammonium salts, aluminum or other non-noble metals. Cement is dissolved in hydrofluoric acid by producing corrosive gaseous silicon tetrafluoride. The cement reacts with water to form silicates and calcium hydroxide. Silicates in the cement react with powerful oxidizers such as fluorine, boron trifluoride, chlorine trifluoride, manganese trifluoride, and difluor.

10.3. Possibility of hazardous reactions

No data available.

> 10.4. Conditions to avoid

Avoid :

- formation of dusts
- heat
- humidity

Dusts can form an explosive mixture with air.

Moisture can cause the cement to set.

> 10.5. Incompatible materials

Keep away from :

- acids
- ammonium salts
- aluminum
- hydrofluoric acid

> 10.6. Hazardous decomposition products

No data available.

>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.

In the event of dust formed by mechanical action (sanding, sawing, etc..), this dust may cause irritation by inhalation and contact with eyes.

11.1.1. Substances

> Acute toxicity :

PORTLAND CEMENT CLINKER (CAS: 65997-15-1)

Dermal route : LD50 > 2000 mg/kg
Species : Rabbit

CARBONATE DE CALCIUM (CAS: 471-34-1)

Oral route : LD50 = 6450 mg/kg
Species : Rat
OECD Guideline 420 (Acute Oral Toxicity Fixed Dose Method)

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Dermal route : LD50 > 2000 mg/kg
Species : Rat
OECD Guideline 402 (Acute Dermal Toxicity)

Inhalation route (Dusts/mist) : LC50 > 3 mg/l
OECD Guideline 403 (Acute Inhalation Toxicity)

> **Skin corrosion/skin irritation :**

Causes skin irritation.

CARBONATE DE CALCIUM (CAS: 471-34-1)

Species : Rabbit
OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Species : Rabbit
OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

> **Serious damage to eyes/eye irritation :**

Causes serious eye damage.

> **Respiratory or skin sensitisation :**

SULFATE DE CALCIUM (CAS: 7778-18-9)

Local lymph node stimulation test :

Non-Sensitiser.
Species : Guinea pig
OECD Guideline 406 (Skin Sensitisation)

Guinea Pig Maximisation Test (GMPT) :

Non-sensitiser.
Species : Guinea pig
OECD Guideline 406 (Skin Sensitisation)

Buehler Test :

Non-sensitiser.
Species : Guinea pig
OECD Guideline 406 (Skin Sensitisation)

CARBONATE DE CALCIUM (CAS: 471-34-1)

Local lymph node stimulation test :

Non-Sensitiser.
Species : Mouse
OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

Guinea Pig Maximisation Test (GMPT) :

Non-sensitiser.
Species : Mouse
OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

Buehler Test :

Non-sensitiser.
Species : Mouse
OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

> **Germ cell mutagenicity :**

SULFATE DE CALCIUM (CAS: 7778-18-9)

No mutagenic effect.

Mutagenesis (in vivo) :

Negative.
Species : Mouse

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OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

Mutagenesis (in vitro) :

Negative.
OECD Guideline 471 (Bacterial Reverse Mutation Assay)

CARBONATE DE CALCIUM (CAS: 471-34-1)

No mutagenic effect.

OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)

> **Carcinogenicity :**

CARBONATE DE CALCIUM (CAS: 471-34-1)

Carcinogenicity Test :

Negative.
No carcinogenic effect.

> **Reproductive toxicant :**

SULFATE DE CALCIUM (CAS: 7778-18-9)

No toxic effect for reproduction

Study on development :

Species : Rat
OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the
Reproduction / Developmental Toxicity Screening Test)

CARBONATE DE CALCIUM (CAS: 471-34-1)

No toxic effect for reproduction

Study on fertility :

Species : Rat
OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the
Reproduction / Developmental Toxicity Screening Test)

11.1.2. Mixture

> **Respiratory or skin sensitisation :**

Contains at least one sensitising substance. May cause an allergic reaction.

11.2. Information on other hazards

> **Monograph(s) from the IARC (International Agency for Research on Cancer) :**

CAS 75-07-0 : IARC Group 1 : The agent is carcinogenic to humans.

CAS 14808-60-7 : IARC Group 1 : The agent is carcinogenic to humans.

CAS 14808-60-7 : IARC Group 1 : The agent is carcinogenic to humans.

SECTION 12 : ECOLOGICAL INFORMATION

12.1. Toxicity

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

12.2.1. Substances

SULFATE DE CALCIUM (CAS: 7778-18-9)

Biodegradability :

no degradability data is available, the substance is considered as not degrading quickly.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

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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, preferably 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.

> Codes of wastes (Decision 2014/955/EC, Directive 2008/98/EEC on hazardous waste) :

17 09 03 * other construction and demolition wastes (including mixed wastes) containing dangerous substances

SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

14.1. UN number or ID number

-

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

-

>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. 2020/217 (ATP 14)

- Container information:

No data available.

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- Particular provisions :

No data available.

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.

Wording of the phrases mentioned in section 3 :

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.

> Abbreviations :

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.

REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.

ATE : Acute Toxicity Estimate

BW : Body Weight

UFI : Unique formulation identifier.

STEL : Short-term exposure limit

TWA : Time Weighted Averages

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.

> Modification compared to the previous version