



## 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 : VETACETEX 0512

Product code : H22143.

UFI : GQY0-C08H-200D-Y16N

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

Use of the substance/mixture: Raw material used in perfumery preparations.

#### 1.3. Details of the supplier of the safety data sheet

Registered company name : I.F.F. (Nederland) B.V. FRAGRANCE ING. (Hangzhou).

Address : .5048.AN TILBURG..

Telephone : +31134642211. Fax : +31134636032.

sds@iff.com

Distributor : BLH s.a.s.

Address : ZAC du Pilon - 06460 SAINT VALLIER DE THIEY

Tél : 04 92 60 35 60 - Fax : 04 92 60 35 69

Website : www.blhsas.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).

Skin sensitisation, Category 1 (Skin Sens. 1, H317).

Aspiration hazard, Category 1 (Asp. Tox. 1, H304).

Hazardous to the aquatic environment - Acute hazard, Category 1 (Aquatic Acute 1, H400).

Hazardous to the aquatic environment - Chronic hazard, Category 1 (Aquatic Chronic 1, H410).

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

#### 2.2. Label elements

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

Hazard pictograms :



GHS09



GHS08



GHS07

Signal Word :

DANGER

Product identifiers :

EC 904-919-6

REACTION MASS OF  
[1S-(1?,3A?,4?,8A?)]-DECAHYDRO-4,8,8-TRIMETHYL-9-METHYLENE-1,4-METHANOAZULENE  
AND CARYOPHYLLENE

EC 251-020-3

CEDR-8-ENYL METHYL KETONE

REACTION MASS OF

1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE AND  
1-(1,2,3,4,6,7,8,8A-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE AND  
1-(1,2,3,5,6,7,8,8A-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE

EC 201-746-1

BETA-CARYOPHYLLENE

EC 201-949-5

1,2,3,3A,4,5,6,8A-OCTAHYDRO-2-ISOPROPYLIDENE-4,8-DIMETHYL AZULENE-6-OL

EC 245-890-3

1,3,4,6,7,8A-HEXAHYDRO-1,1,5,5-TÉTRAMÉTHYL-2H-2,4A-MÉTHANONAPHTALÈNE-8(5H)-ONE

EC 282-031-1

VETIVERIA ZIZANIOIDES, EXT., ACETYLATED

EC 201-036-1

CEDRYL ACETATE

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EC 267-510-5 [3R-(3A,3AB,6A,7B,8AA)]-OCTAHYDRO-6-MÉTHOXY-3,6,8,8-TÉTRAMÉTHYL-1H-3A,7-MÉTHAN  
OAZULÈNE  
EC 260-555-1 CARYOPHYLLENE ACETATE  
EC 202-590-7 ISOEUGENOL

## Hazard statements :

H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H410 Very toxic to aquatic life with long lasting effects.

## Precautionary statements - Prevention :

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 Wash skin thoroughly after handling.  
P280 Wear protective gloves.

## Precautionary statements - Response :

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
P331 Do NOT induce vomiting.  
P391 Collect spillage.

## 2.3. Other hazards

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/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 >= 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.

## &gt;SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

## 3.2. Mixtures

## &gt; Composition :

Identification	Classification (EC) 1272/2008	Note	%
EC: 904-919-6 REACH: 01-2120739837-39  REACTION MASS OF [1S-(1?,3A?,4?,8A?)]-DECAHYDRO-4,8,8-TRI METHYL-9-METHYLENE-1,4-METHANOAZ ULENE AND CARYOPHYLLENE	GHS07, GHS09, GHS08 Dgr Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		25-30
CAS: 32388-55-9 EC: 251-020-3 REACH: 01-2119969651-28  CEDR-8-ENYL METHYL KETONE	GHS09, GHS07 Wng Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		30-50
REACH: 01-2119489989-04  REACTION MASS OF 1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETR AMETHYL-2-NAPHTHYL)ETHAN-1-ONE AND 1-(1,2,3,4,6,7,8,8A-OCTAHYDRO-2,3,8,8-TET RAMETHYL-2-NAPHTHYL)ETHAN-1-ONE AND 1-(1,2,3,5,6,7,8,8A-OCTAHYDRO-2,3,8,8-TET RAMETHYL-2-NAPHTHYL)ETHAN-1-ONE	GHS07, GHS09 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 2, H411		10-20
CAS: 87-44-5 EC: 201-746-1  BETA-CARYOPHYLLENE	GHS07, GHS08 Dgr Asp. Tox. 1, H304 Skin Sens. 1B, H317		1-10

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CAS: 89-88-3 EC: 201-949-5  1,2,3,3A,4,5,6,8A-OCTAHYDRO-2-ISOPROPYLIDENE-4,8-DIMETHYLAZULENE-6-OL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319		1-10
CAS: 16982-00-6 EC: 241-061-5  (R)-(+)-P-(1,2,2-TRIMETHYLCYCLOPENTYL)TOLUENE	GHS07 Wng Acute Tox. 4, H302		1-10
CAS: 23787-90-8 EC: 245-890-3  1,3,4,6,7,8A-HEXAHYDRO-1,1,5,5-TÉTRAMÉTHYL-2H-2,4A-MÉTHANONAPHTALÈNE-8(5H)-ONE	GHS09, GHS07 Wng Skin Sens. 1B, H317 Aquatic Chronic 2, H411		1-2.5
CAS: 84082-84-8 EC: 282-031-1 REACH: 01-2120755957-35  VETIVERIA ZIZANIOIDES, EXT., ACETYLATED	GHS09, GHS07 Wng Skin Sens. 1B, H317 Aquatic Chronic 2, H411		0.25-1
CAS: 77-54-3 EC: 201-036-1 REACH: 01-2120739845-42  CEDRYL ACETATE	GHS09, GHS07 Wng Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		0.25-1
CAS: 135-79-5 EC: 205-220-2  6-(ISOPROPYL)QUINOLEINE	GHS06 Dgr Acute Tox. 4, H302 Acute Tox. 2, H310 Skin Irrit. 2, H315 Eye Irrit. 2, H319		0.1-1
CAS: 67874-81-1 EC: 267-510-5 REACH: 01-2120228335-61  [3R-(3A,3AB,6A,7B,8AA)]-OCTAHYDRO-6-MÉTHOXY-3,6,8,8-TÉTRAMÉTHYL-1H-3A,7-MÉTHANOAZULÈNE	GHS09, GHS07 Wng Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		0.25-1
CAS: 57082-24-3 EC: 260-555-1  CARYOPHYLLENE ACETATE	GHS07, GHS09 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		0.25-1
CAS: 469-61-4 EC: 207-418-4  [3R-(3.ALPHA.,3A.BETA.,7.BETA.,8A.ALPHA.)]-2,3,4,7,8,8A-HEXAHYDRO-3,6,8,8-TÉTRAMÉTHYL-1H-3A,7-MÉTHANOAZULÈNE	GHS07, GHS09, GHS08 Dgr Asp. Tox. 1, H304 Skin Irrit. 2, H315 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		0.025-0.1
CAS: 97-54-1 EC: 202-590-7  ISOEUGENOL	GHS07 Wng Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Irrit. 2, H315 Skin Sens. 1A, H317 Eye Irrit. 2, H319 Acute Tox. 4, H332 STOT SE 3, H335		0.01-0.1

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**Specific concentration limits:**

Identification	Specific concentration limits	ATE
CAS: 97-54-1 EC: 202-590-7 ISOEUGENOL	Skin Sens. 1A: H317 C <sub>≥</sub> 0.01%	

**Information on ingredients :**

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

**>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 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.

**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.

If swallowed accidentally, do not allow to drink, do not induce vomiting and transfer to hospital immediately by ambulance. Show the label to the doctor.

**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 :

- carbon dioxide (CO<sub>2</sub>)
- powder
- foam

**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 (CO<sub>2</sub>)

**> 5.3. Advice for firefighters**

No data available.

**>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**

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

> **6.3. Methods and material for containment and cleaning up**

Clean preferably with a detergent, do not use solvents.

> **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.

Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

**7.1. Precautions for safe handling**

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

**Fire prevention :**

Never inhale this mixture.

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.

**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 away from food and drink, including those for animals.

**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**

No data available.

**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.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

**- Hand protection**

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.

**- Body protection**

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605/A1 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034/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.

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

Physical state : Fluid liquid.

**Colour**

Unspecified

**Odour**

Odour threshold : Not stated.

**Melting point**

Melting point/melting range : Not specified.

**Freezing point**

Freezing point / Freezing range : Not stated.

**Boiling point or initial boiling point and boiling range**

Boiling point/boiling range : Not specified.

**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 : FP > 100°C.

**Auto-ignition temperature**

Self-ignition temperature : Not specified.

**Decomposition temperature**

Decomposition point/decomposition range : Not specified.

**pH**

pH : Not relevant.

pH (aqueous solution) : Not stated.

**Kinematic viscosity**

Viscosity : Not stated.

Viscosity : 14 mm<sup>2</sup>/s < v ≤ 20,5 mm<sup>2</sup>/s (40°C)

**Solubility**

Water solubility : Insoluble.

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 : CoA

**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.

### SECTION 10 : STABILITY AND REACTIVITY

#### 10.1. Reactivity

No data available.

#### 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 :

- heat

#### 10.5. Incompatible materials

Keep away from :

- strong acids
- oxidising agents
- alkali metals

#### 10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

### >SECTION 11 : TOXICOLOGICAL INFORMATION

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

##### > 11.1.1. Substances

No toxicological data available for the substances.

##### 11.1.2. Mixture

#### Acute toxicity :

LD<sub>50</sub> > 2000 mg/kg

LD<sub>50</sub> > 2000 mg/kg

#### Aspiration hazard :

May be fatal if swallowed and enters airways.

Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.

#### 11.2. Information on other hazards

### >SECTION 12 : ECOLOGICAL INFORMATION

Very toxic to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

#### 12.1. Toxicity

##### 12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

#### 12.2. Persistence and degradability

##### > 12.2.1. Substances

ISOEUGENOL (CAS: 97-54-1)

Biodegradability :

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

[3R-(3.ALPHA.,3A.BETA.,7.BETA.,8A.ALPHA.)]-2,3,4,7,8,8A-HEXAHYDRO-3,6,8,8-TÉTRAMÉTHYL-1H-3A,7-MÉTHANOAZULÈNE  
(CAS: 469-61-4)

Biodegradability :

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

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**CEDRYL ACETATE (CAS: 77-54-3)**

Biodegradability :

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

**1,3,4,6,7,8A-HEXAHYDRO-1,1,5,5-TETRAMÉTHYL-2H-2,4A-MÉTHANONAPHTALÈNE-8(5H)-ONE (CAS: 23787-90-8)**

Biodegradability :

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

**REACTION MASS OF 1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE AND  
1-(1,2,3,4,6,7,8,8A-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE AND  
1-(1,2,3,5,6,7,8,8A-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE**

Biodegradability :

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

**CEDR-8-ENYL METHYL KETONE (CAS: 32388-55-9)**

Biodegradability :

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

**REACTION MASS OF [1S-(1?,3A?,4?,8A?)]-DECAHYDRO-4,8,8-TRIMETHYL-9-METHYLENE-1,4-METHANOAZULENE AND  
CARYOPHYLLENE**

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**

No data available.

**12.5. Results of PBT and vPvB assessment**

This substance / mixture contains no ingredient considered as persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or more.

**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**

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2023 - IMDG 2020 [40-20] - ICAO/IATA 2023 [64]).

**14.1. UN number or ID number**

3082

**14.2. UN proper shipping name**

UN3082=ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(cedr-8-enyl methyl ketone)



**14.3. Transport hazard class(es)**

- Classification :



9

**14.4. Packing group**

III

**14.5. Environmental hazards**

- Environmentally hazardous material :

**14.6. Special precautions for user**

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	9	M6	III	9	90	5 L	274 335 375 601	E1	3	-

Not subject to this regulation if Q ≤ 5 l / 5 kg (ADR 3.3.1 - DS 375)

▷

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ	Stowage Handling	Segregation
	9	-	III	5 L	F-A, S-F	274 335 969	E1	Category A	-

Not subject to this regulation if Q ≤ 5 l / 5 kg (IMDG 3.3.1 - 2.10.2.7)

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	9	-	III	964	450 L	964	450 L	A97 A158 A197 A215	E1
	9	-	III	Y964	30 kg G	-	-	A97 A158 A197 A215	E1

Not subject to this regulation if Q ≤ 5 l / 5 kg (IATA 4.4.4 - DS A197)

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

Marine pollutant (IMDG 3.1.2.9):(reaction mass of [1s-(1?,3a?,4?,8a?)]-decahydro-4,8,8-trimethyl-9-methylene-1,4-methanoazulene and caryophyllene)

**14.7. Maritime transport in bulk according to IMO instruments**

No data available.

**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 :**

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 :

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H310	Fatal in contact with skin.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic 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.

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

UFI : Unique formulation identifier.

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).

GHS07 : Exclamation mark

GHS08 : Health hazard

GHS09 : Environment

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.

> Modification compared to the previous version