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 : SARRIETTE BASE 199618 D

Product code : W19037.

UFI : QGC0-Y0NK-F00H-SJP6

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 : Firmenich & Cie S.A.S.

Address : 41-43 rue de Villiers.92200.NEUILLY SUR SEINE CEDEX.FRANCE.

Telephone : +33 1 40 88 73 42. Fax : .

GRS.EU.FRAGRANCE.EXPERTS@firmenich.com

Distributor : BLH s.a.s.

Address : ZAC du Pilon - 06460 SAINT VALLIER DE THIEY

Tèl : 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 : numéro ORFILA (INRS) Atteignable 24h/24 et 7j/7 (NCEC).

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).

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

Hazardous to the aquatic environment - Chronic hazard, Category 2 (Aquatic Chronic 2, H411).

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 :

GHS05

GHS09

GHS07

Signal Word :

DANGER

Product identifiers :

EC 201-134-4	LINALOOL
EC 420-630-3	4-CYCLOHEXYL-2-METHYL-2-BUTANOL
EC 232-077-3	BICYCLO[3.1.1]HEPT-2-ENE, 2,6,6-TRIMETHYL-, (1S)-
EC 200-945-0	BORNANE-2-ONE
EC 207-431-5	CINÉOLE
	3-CYCLOHEXENE-1-CARBOXALDEHYDE, 2,4-DIMETHYL-(CAS 68039-49-6)
EC 202-759-5	CARVONE (ISO)
EC 201-944-8	THYMOL
EC 273-870-4	2,2-DIMETHYL-3-(3-METHYL-2,4-PENTADIENYL)OXIRANE
EC 224-052-0	(E)-ANÉTHOLE
EC 260-486-7	4-PENTEN-1-ONE, 1-(5,5-DIMETHYL-1-CYCLOHEXEN-1-YL)-
EC 201-941-1	CYCLOHEXANONE, 5-METHYL-2-(1-METHYLETHYL)-, TRANS-

Hazard statements :

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statements - Prevention :

P261	Avoid breathing mist or vapor.
P264	Wash thoroughly after handling.
P273	Avoid release to the environment.

Precautionary statements - Response :

P302 + P352	IF ON SKIN: Wash with plenty of soap and 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.
P310	Immediately call a POISON CENTER or doctor/physician.

|> 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.

|>SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

|> Composition :

Identification	Classification (EC) 1272/2008	Note	%
CAS: 78-70-6 EC: 201-134-4 REACH: 01-2119474016-42 LINALOOL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319		10-15
CAS: 319002-92-1 EC: 437-530-0 REACH: 01-0000018277-65 PROPYL (2S)-2-(1,1-DIMETHYLPROPOXY)-PROPANOATE	Aquatic Chronic 3, H412		10-15
EC: 447-670-4 REACH: 01-0000018894-57 1,3-OXATHIANE,2-ETHYL-4,4-DIMETHYL-	GHS07 Wng Eye Irrit. 2, H319		7.5-10
CAS: 83926-73-2 EC: 420-630-3 REACH: 01-0000016725-66 4-CYCLOHEXYL-2-METHYL-2-BUTANOL	GHS05, GHS09 Dgr Eye Dam. 1, H318 Aquatic Chronic 2, H411		7.5-10
CAS: 7785-26-4 EC: 232-077-3 REACH: 01-2119979519-16 BICYCLO[3.1.1]HEPT-2-ENE, 2,6,6-TRIMETHYL-, (1S)-	GHS07, GHS09, GHS08, GHS02 Dgr Flam. Liq. 3, H226 Acute Tox. 4, H302 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		2.5-5

CAS: 76-22-2 EC: 200-945-0 REACH: 01-2119966156-31 BORNANE-2-ONE	GHS07, GHS05, GHS09, GHS08, GHS02 Dgr Flam. Sol. 2, H228 Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Acute Tox. 4, H332 STOT SE 2, H371 Aquatic Chronic 2, H411	[1]	2.5-5
CAS: 8050-15-5 EC: 232-476-2 REACH: 01-2119969275-26 RESIN ACIDS AND ROSIN ACIDS, HYDROGENATED, ME ESTERS	Aquatic Chronic 3, H412		2.5-5
CAS: 55739-89-4 CYCLOHEXANONE, 2-ETHYL-4,4-DIMETHYL-	Aquatic Chronic 3, H412		2.5-5
CAS: 816-19-3 EC: 212-429-2 REACH: 01-2120063192-64 METHYL 2-ETHYLHEXANOATE	GHS07, GHS02 Wng Flam. Liq. 3, H226 Skin Irrit. 2, H315		2.5-5
CAS: 470-82-6 EC: 207-431-5 REACH: 01-2119967772-24 CINÉOLE	GHS07, GHS02 Wng Flam. Liq. 3, H226 Skin Sens. 1B, H317 Eye Irrit. 2, H319		2.5-5
REACH: 01-2119982384-28 3-CYCLOHEXENE-1-CARBOXALDEHYDE, 2,4-DIMETHYL-(CAS 68039-49-6)	GHS07, GHS09 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 2, H411		1-2.5
CAS: 99-49-0 EC: 202-759-5 CARVONE (ISO)	GHS07 Wng Skin Sens. 1B, H317		1-2.5
CAS: 141773-73-1 EC: 415-490-5 REACH: 01-0000016242-80 2-(1-(3',3'-DIMETHYL-1'-CYCLOHEXYL)ETHOXY)-2-METHYL PROPYL PROPANOATE	GHS09 Aquatic Chronic 2, H411		1-2.5
CAS: 99-87-6 EC: 202-796-7 REACH: 01-2120807345-59 1-ISOPROPYL- 4-METHYLBENZENE	GHS06, GHS09, GHS08, GHS02 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Acute Tox. 3, H331 Repr. 2, H361 Aquatic Chronic 2, H411	[2]	1-2.5
CAS: 536-59-4 EC: 208-639-9 1-CYCLOHEXENE-1-METHANOL, 4-(1-METHYLETHENYL)-	GHS07 Wng Skin Irrit. 2, H315 Eye Irrit. 2, H319		1-2.5
CAS: 89-83-8 EC: 201-944-8 REACH: 01-2119511177-46 THYMOL	GHS07, GHS05, GHS09 Dgr Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Chronic 2, H411		1-2.5
CAS: 69103-20-4 EC: 273-870-4 REACH: 01-2120065062-67 2,2-DIMETHYL-3-(3-METHYL-2,4-PENTADIENYL)OXIRANE	GHS07 Wng Skin Sens. 1B, H317		1-2.5

EC: 432-350-9 REACH: 01-0000017852-66 METHYL 2,2-DIMETHYL-6-METHYLENECYCLOHEXANECARBOXYLATE	GHS07 Wng Skin Irrit. 2, H315 Aquatic Chronic 3, H412		1-2.5
EC: 439-080-0 REACH: 01-0000018367-64 2-HEXEN-1-OL, 3-METHYL-, ACETATE (9CI)	GHS09 Wng Aquatic Acute 1, H400 M Acute = 1		0.1-0.5
CAS: 4180-23-8 EC: 224-052-0 REACH: 01-2119979097-22 (E)-ANÉTHOLE	GHS07 Wng Skin Sens. 1B, H317		0.1-0.5
CAS: 56973-85-4 EC: 260-486-7 REACH: 01-2120735847-42 4-PENTEN-1-ONE, 1-(5,5-DIMETHYL-1-CYCLOHEXEN-1-YL)-	GHS09, GHS07 Wng Skin Sens. 1B, H317 Aquatic Chronic 2, H411		0.1-0.5
CAS: 89-80-5 EC: 201-941-1 CYCLOHEXANONE, 5-METHYL-2-(1-METHYLETHYL)-, TRANS-	GHS07 Wng Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 3, H412		0.1-0.5

Information on ingredients :

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

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

[2] Carcinogenic, mutagenic or reprotoxic (CMR) substance.

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 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.

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 aera 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.

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

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)

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.

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

No data available.

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 :

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

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :
76-22-2	2	12	-	-	-	-

- Spain (Instituto Nacional de Seguridad e Higiene en el Trabajo (INSHT), 2019) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
76-22-2	2 ppm 13 mg/m³	3 ppm 19 mg/m³			

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

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
76-22-2	2 ppm 13 mg/m3	3 ppm 19 mg/m3			

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 with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

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

|> - 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 : > 40 °C

|> 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 :	69.00 °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.

|> 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

No data available.

10.5. Incompatible materials

Keep away from :

- oxidising agents

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.

May cause an allergic reaction by skin contact.

11.1.1. Substances

No toxicological data available for the substances.

11.1.2. Mixture

Acute toxicity :

LD50 > 2000 mg/kg

11.2. Information on other hazards

|>SECTION 12 : ECOLOGICAL INFORMATION

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

4-PENTEN-1-ONE, 1-(5,5-DIMETHYL-1-CYCLOHEXEN-1-YL)- (CAS: 56973-85-4)
Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

(E)-ANÉTHOLE (CAS: 4180-23-8)
Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

1-ISOPROPYL- 4-METHYLBENZENE (CAS: 99-87-6)
Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

2-(1-(3',3'-DIMETHYL-1'-CYCLOHEXYL)ETHOXY)-2-METHYL PROPYL PROPANOATE (CAS: 141773-73-1)
Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

CARVONE (ISO) (CAS: 99-49-0)
Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

CINÉOLE (CAS: 470-82-6)
Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

RESIN ACIDS AND ROSIN ACIDS, HYDROGENATED, ME ESTERS (CAS: 8050-15-5)
Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

BORNANE-2-ONE (CAS: 76-22-2)
Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

BICYCLO[3.1.1]HEPT-2-ENE, 2,6,6-TRIMETHYL-, (1S)- (CAS: 7785-26-4)
Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

PROPYL (2S)-2-(1,1-DIMETHYLPROPOXY)-PROPANOATE (CAS: 319002-92-1)
Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

LINALOOL (CAS: 78-70-6)
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

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

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.

(bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-, (1s)-)

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):(bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-, (1s)-)

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 :

H226	Flammable liquid and vapour.
H228	Flammable solid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H361	Suspected of damaging fertility or the unborn child .
H371	May cause damage to organs .
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.
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.
REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.
CMR: Carcinogenic, mutagenic or reprotoxic.
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 : Wassergefahrdungsklasse (Water Hazard Class).
GHS05 : Corrosion
GHS07 : Exclamation mark
GHS09 : Environment
PBT: Persistent, bioaccumulable and toxic.
vPvB : Very persistent, very bioaccumulable.
SVHC : Substances of very high concern.
|> Modification compared to the previous version