

APU10-SOROPRIM BLANC - 3102071300



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 : APU10-SOROPRIM BLANC
Product code : 3102071300.
UFI : YCP0-C0C2-800F-VM91

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

N/A

1.3. Details of the supplier of the safety data sheet

Registered company name : SOROMAP PEINTURES VERNIS.
Address : 1, RUE MAURICE MALLET Z.I. DE BELIGON.17300.ROCHEFORT SUR MER.FRANCE.
Telephone : 05.46.88.36.10. Fax : 05.46.88.36.15.
contact@soromap.com
www.soromap.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.

Flammable liquid, Category 3 (Flam. Liq. 3, H226).

May produce an allergic reaction (EUH208).

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 :



GHS02

Signal Word :

WARNING

Additional labeling :

EUH208 Contains COBALT BIS(2-ETHYLHEXANOATE). May produce an allergic reaction.

Hazard statements :

H226 Flammable liquid and vapour.

Precautionary statements - General :

P101 If medical advice is needed, have product container or label at hand.

Precautionary statements - Prevention :

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

APU10-SOROPRIM BLANC - 3102071300

Precautionary statements - Response :

P303 + P361 + P353

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

Precautionary statements - Disposal :

P501

Dispose of contents/container by approved organization

2.3. Other hazards

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 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 $\geq 0.1\%$ 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	(EC) 1272/2008	Note	%
CAS: 471-34-1 EC: 207-439-9 CALCIUM CARBONATE		[1]	25 \leq x % < 50
CAS: 13463-67-7 EC: 236-675-5 REACH: 01-2119489379-17 DIOXYDE DE TITANE		[1]	10 \leq x % < 25
CAS: 64742-48-9 EC: 919-857-5 REACH: 01-2119463258-33 HYDROCARBURES, C9-C11, N-ALCANES, ISOALCANES, CYCLIQUES, <2% AROMATIQUES	GHS07, GHS08, GHS02 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336 EUH:066		2.5 \leq x % < 10
EC: 919-857-5 REACH: 01-2119463258-33-XXXX HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS	GHS07, GHS08, GHS02 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336 EUH:066		2.5 \leq x % < 10
CAS: 14807-96-6 EC: 238-877-9 TALC		[1]	2.5 \leq x % < 10
EC: 245-018-1 REACH: 01-2119979088-21-0000 HEXANOIC ACID, 2-ETHYL-, ZIRCONIUM SALT	GHS08 Wng Repr. 2, H361d	[2]	0 \leq x % < 2.5
CAS: 96-29-7 EC: 202-496-6 REACH: 01-2119539477-28 2-BUTANONE OXIME	GHS06, GHS05, GHS08 Dgr Acute Tox. 3, H301 Acute Tox. 4, H312 Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318 STOT SE 3, H336 Carc. 1B, H350 STOT SE 1, H370 STOT RE 2, H373	[1] [2]	0 \leq x % < 2.5

APU10-SOROPRIM BLANC - 3102071300

CAS: 136-52-7 EC: 205-250-6 REACH: 01-2119524678-29 COBALT BIS(2-ETHYLHEXANOATE)	GHS07, GHS09, GHS08 Dgr Skin Sens. 1A, H317 Eye Irrit. 2, H319 Repr. 1B, H360F Aquatic Chronic 3, H412 Aquatic Acute 1, H400 M Acute = 1	[2]	0 ≤ x % < 2.5
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Specific concentration limits:

Identification	Specific concentration limits	ATE
CAS: 96-29-7 EC: 202-496-6 REACH: 01-2119539477-28 2-BUTANONE OXIME		dermal: ATE = 1100 mg/kg BW oral: ATE = 100 mg/kg BW

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 exposure by inhalation :**

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.

In the event of splashes or contact with skin :

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

In the event of swallowing :

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

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show 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

Flammable.

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

5.1. Extinguishing media

Keep packages near the fire cool, to prevent pressurised containers from bursting.

Suitable methods of extinction

In the event of a fire, use :

- sprayed water or water mist
- water with AFFF (Aqueous Film Forming Foam) additive
- halon
- foam
- multipurpose ABC powder
- BC powder

APU10-SOROPRIM BLANC - 3102071300

- carbon dioxide (CO₂)

Prevent the effluent of fire-fighting measures from entering drains or waterways.

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)

5.3. Advice for firefighters

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

Because of the organic solvents contained in the mixture, eliminate sources of ignition and ventilate the area.

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.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Ensure that there is adequate ventilation, especially in confined areas.

Fire prevention :

Handle in well-ventilated areas.

Vapours are heavier than air. They can spread along the ground and form mixtures that are explosive with air.

Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.

Prevent the accumulation of electrostatic charges with connections to earth.

The mixture can become electrostatically charged: always ground when decanting. Wear antistatic shoes and clothing and make floors of non-conductive

Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.

Keep packages tightly closed and away from sources of heat, sparks and naked flames.

Do not use tools which may produce sparks. Do not smoke.

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.

Packages which have been opened must be reclosed carefully and stored in an upright position.

APU10-SOROPRIM BLANC - 3102071300

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.

Keep the container tightly closed in a dry, well-ventilated place.

Keep away from all sources of ignition - do not smoke.

Keep well away from all sources of ignition, heat and direct sunlight.

Avoid accumulation of electrostatic charges.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

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 :**

- Germany - AGW (BAuA - TRGS 900, 08/08/2019) :

CAS	VME :	VME :	Excess	Notes
96-29-7		0.3 ppm 1 mg/m ³		8 (I)

- France (INRS - ED984 / 2020-1546) :

CAS	VME-ppm :	VME-mg/m ³ :	VLE-ppm :	VLE-mg/m ³ :	Notes :	TMP No :
471-34-1	-	10	-	-	-	-
13463-67-7	-	10	-	-	-	-

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

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
471-34-1	10 mg/m ³	-	-	-	TI
13463-67-7	4 mg/m ³				
14807-96-6	1 mg/m ³				

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

2-BUTANONE OXIME (CAS: 96-29-7)

Final use:

Exposure method:

Potential health effects:

DNEL :

Exposure method:

Potential health effects:

DNEL :

Exposure method:

Potential health effects:

DNEL :

Exposure method:

Potential health effects:

DNEL :

Exposure method:

Workers.

Dermal contact.

Long term systemic effects.

1.3 mg/kg body weight/day

Dermal contact.

Short term systemic effects.

2.5 mg/kg body weight/day

Dermal contact.

Long term systemic effects.

1.3 mg/kg body weight/day

Dermal contact.

Short term systemic effects.

2.5 mg/kg body weight/day

Inhalation.

APU10-SOROPRIM BLANC - 3102071300

Potential health effects: DNEL :	Long term systemic effects. 9 mg of substance/m3
Exposure method: Potential health effects: DNEL :	Inhalation. Long term local effects. 3.33 mg of substance/m3
Exposure method: Potential health effects: DNEL :	Inhalation. Long term local effects. 3.33 mg of substance/m3
Exposure method: Potential health effects: DNEL :	Inhalation. Long term systemic effects. 9 mg of substance/m3
Final use: Exposure method: Potential health effects: DNEL :	Consumers. Dermal contact. Long term systemic effects. 0.78 mg/kg body weight/day
Exposure method: Potential health effects: DNEL :	Dermal contact. Long term systemic effects. 0.78 mg/kg body weight/day
Exposure method: Potential health effects: DNEL :	Dermal contact. Short term systemic effects. 1.5 mg/kg body weight/day
Exposure method: Potential health effects: DNEL :	Inhalation. Long term systemic effects. 2.7 mg of substance/m3
Exposure method: Potential health effects: DNEL :	Inhalation. Long term local effects. 2 mg of substance/m3
Final use: Exposure method: Potential health effects: DNEL :	Man exposed via the environment. Dermal contact. Long term systemic effects. 0.78 mg/kg body weight/day
Exposure method: Potential health effects: DNEL :	Dermal contact. Short term systemic effects. 1.5 mg/kg body weight/day
Exposure method: Potential health effects: DNEL :	Inhalation. Long term local effects. 2 mg of substance/m3
Exposure method: Potential health effects: DNEL :	Inhalation. Long term systemic effects. 2.7 mg of substance/m3

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

APU10-SOROPRIM BLANC - 3102071300

Final use:

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Final use:

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Workers.

Dermal contact.
Long term systemic effects.
208 mg/kg body weight/day

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

Consumers.

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

Dermal contact.
Long term systemic effects.
125 mg/kg body weight/day

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

CALCIUM CARBONATE (CAS: 471-34-1)

Final use:

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Final use:

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Workers.

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

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

Consumers.

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

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

Predicted no effect concentration (PNEC):

2-BUTANONE OXIME (CAS: 96-29-7)

Environmental compartment:
PNEC :

Environmental compartment:
PNEC :

Environmental compartment:
PNEC :

Fresh water.
0.256 mg/l

Intermittent waste water.
0.118 mg/l

Waste water treatment plant.
177 mg/l

DIOXYDE DE TITANE (CAS: 13463-67-7)

Environmental compartment:

Fresh water.

APU10-SOROPRIM BLANC - 3102071300

PNEC :	0.127 mg/l
Environmental compartment: PNEC :	Sea water. 1 mg/l
Environmental compartment: PNEC :	Intermittent waste water. 0.61 mg/l
Environmental compartment: PNEC :	Fresh water sediment. 1000 mg/kg
Environmental compartment: PNEC :	Marine sediment. 100 mg/kg
Environmental compartment: PNEC :	Waste water treatment plant. 100

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.

Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVA (Polyvinyl alcohol)

- Body protection

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 : Viscous liquid.

Colour

colour N/A

Odour

Odour threshold : Not stated.

APU10-SOROPRIM BLANC - 3102071300

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 : 41.00 °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) : Below 110 kPa (1.10 bar).

Density and/or relative density

Density : 1.589

Relative vapour density

Vapour density : Not stated.

9.2. Other information

VOC (g/l) : 288.70

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

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

10.4. Conditions to avoid

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

Avoid :

- accumulation of electrostatic charges.
- heating
- heat
- flames and hot surfaces

10.5. Incompatible materials

No data available.

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**

Exposure to vapours from solvents in the mixture in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.

Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Splashes in the eyes may cause irritation and reversible damage

11.1.1. Substances**Acute toxicity :**

2-BUTANONE OXIME (CAS: 96-29-7)

Oral route : LD₅₀ = 100 mg/kg
Species : Rat

Dermal route : LD₅₀ = 1100 mg/kg
Species : Rabbit

Inhalation route (Gas) : LC₅₀ 20

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

Oral route : LD₅₀ > 5000 mg/kg
Species : Rat

Dermal route : LD₅₀ > 5000 mg/kg
Species : Rabbit

Inhalation route (Dusts/mist) : LC₅₀ > 5 mg/l
Species : Rat

HYDROCARBURES, C9-C11, N-ALCANES, ISOALCANES, CYCLIQUES, <2% AROMATIQUES (CAS: 64742-48-9)

Oral route : LD₅₀ > 5000 mg/kg
Species : Rat
OECD Guideline 401 (Acute Oral Toxicity)

Dermal route : LD₅₀ > 5000 mg/kg
Species : Rat
OECD Guideline 402 (Acute Dermal Toxicity)

APU10-SOROPRIM BLANC - 3102071300

DIOXYDE DE TITANE (CAS: 13463-67-7)

Oral route :

LD50 > 5000 mg/kg

Species : Rat

OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure)

Dermal route :

LD50 > 2000 mg/kg

Inhalation route (Dusts/mist) :

LC50 > 4.26 mg/l

Species : Rat

OECD Guideline 403 (Acute Inhalation Toxicity)

CALCIUM CARBONATE (CAS: 471-34-1)

Oral route :

LD50 > 2000 mg/kg

Species : Rat

OECD Guideline 420 (Acute Oral Toxicity Fixed Dose Method)

Dermal route :

LD50 > 2000 mg/kg

Species : Rat

OECD Guideline 402 (Acute Dermal Toxicity)

Inhalation route (Dusts/mist) :

LC50 > 3 mg/l

Species : Rat

OECD Guideline 403 (Acute Inhalation Toxicity)

Skin corrosion/skin irritation :

DIOXYDE DE TITANE (CAS: 13463-67-7)

Species : Rabbit

OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

CALCIUM CARBONATE (CAS: 471-34-1)

Species : Rabbit

OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious damage to eyes/eye irritation :

COBALT BIS(2-ETHYLHEXANOATE) (CAS: 136-52-7)

Causes serious eye irritation.

Corneal haze :

1 ≤ Average score < 2 and effects totally reversible within 21 days of observation

Respiratory or skin sensitisation :

DIOXYDE DE TITANE (CAS: 13463-67-7)

Local lymph node stimulation test :

Non-Sensitiser.

OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

Germ cell mutagenicity :

DIOXYDE DE TITANE (CAS: 13463-67-7)

OECD Guideline 471 (Bacterial Reverse Mutation Assay)

Ames test (in vitro) :

Negative.

CALCIUM CARBONATE (CAS: 471-34-1)

No mutagenic effect.

OECD Guideline 471 (Bacterial Reverse Mutation Assay)

APU10-SOROPRIM BLANC - 3102071300

Carcinogenicity :

CALCIUM CARBONATE (CAS: 471-34-1)

Carcinogenicity Test :

Negative.

No carcinogenic effect.

Reproductive toxicant :

CALCIUM CARBONATE (CAS: 471-34-1)

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)

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 14807-96-6 : IARC Group 2B : The agent is possibly carcinogenic to humans.

CAS 13463-67-7 : IARC Group 2B : The agent is possibly carcinogenic to humans.

SECTION 12 : ECOLOGICAL INFORMATION**12.1. Toxicity****12.1.1. Substances**

CALCIUM CARBONATE (CAS: 471-34-1)

Algae toxicity :

NOEC > 14 mg/l

Species : *Desmodesmus subspicatus*

Duration of exposure : 72 h

OECD Guideline 201 (Alga, Growth Inhibition Test)

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

Fish toxicity :

LC50 > 1000 mg/l

Species : *Oncorhynchus mykiss*

Duration of exposure : 96 h

Crustacean toxicity :

EC50 = 1000 mg/l

Species : *Daphnia magna*

Duration of exposure : 48 h

Algae toxicity :

ECr50 > 1000 mg/l

Species : *Pseudokirchnerella subcapitata*

2-BUTANONE OXIME (CAS: 96-29-7)

Fish toxicity :

LC50 ≤ 100 mg/l

Duration of exposure : 96 h

NOEC = 50 mg/l

Crustacean toxicity :

EC50 = 201 mg/l

Duration of exposure : 48 h

NOEC = 100 mg/l

Algae toxicity :

ECr50 = 11.8 mg/l

APU10-SOROPRIM BLANC - 3102071300

Duration of exposure : 72 h

NOEC = 2.56 mg/l

HYDROCARBURES, C9-C11, N-ALCANES, ISOALCANES, CYCLIQUES, <2% AROMATIQUES (CAS: 64742-48-9)

Fish toxicity :

LC50 > 1000 mg/l

Species : Oncorhynchus mykiss

Duration of exposure : 96 h

NOEC = 0.13 mg/l

Species : Oncorhynchus mykiss

Duration of exposure : 96 h

Crustacean toxicity :

EC50 > 1000 mg/l

Species : Daphnia magna

Duration of exposure : 48 h

NOEC = 0.23 mg/l

Species : Daphnia magna

Algae toxicity :

ECr50 > 1000 mg/l

Species : Pseudokirchnerella subcapitata

Duration of exposure : 72 h

DIOXYDE DE TITANE (CAS: 13463-67-7)

Fish toxicity :

LC50 > 10000 mg/l

Species : Cyprinodon variegatus

Duration of exposure : 96 h

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability**12.2.1. Substances**

COBALT BIS(2-ETHYLHEXANOATE) (CAS: 136-52-7)

Biodegradability :

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

2-BUTANONE OXIME (CAS: 96-29-7)

Biodegradability :

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

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

Biodegradability :

Rapidly degradable.

HYDROCARBURES, C9-C11, N-ALCANES, ISOALCANES, CYCLIQUES, <2% AROMATIQUES (CAS: 64742-48-9)

Biodegradability :

Rapidly degradable.

12.3. Bioaccumulative potential**12.3.1. Substances**

2-BUTANONE OXIME (CAS: 96-29-7)

Octanol/water partition coefficient :

log K_{ow} = 0.63

Bioaccumulation :

BCF < 100.

APU10-SOROPRIM BLANC - 3102071300

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.

German regulations concerning the classification of hazards for water (WGK, AwSV vom 18/04/2017, KBws) :

WGK 1 : Slightly hazardous for water.

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.

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 2021 - IMDG 2020 - ICAO/IATA 2021).

14.1. UN number or ID number

1263

14.2. UN proper shipping name

UN1263=PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound)

14.3. Transport hazard class(es)

- Classification :



3

14.4. Packing group

III

14.5. Environmental hazards

-

14.6. Special precautions for user

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	3	F1	III	3	30	5 L	163 367 650	E1	3	D/E

If Q <450l, see 2.2.3.1.5.1.

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ	Stowage Handling	Segregation
	3	-	III	5 L	F-E. S-E	163 223 367 955	E1	Category A	-

APU10-SOROPRIM BLANC - 3102071300

if Q < 450 l see IMDG 2.3.2.5.

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	3	-	III	355	60 L	366	220 L	A3 A72 A192	E1
	3	-	III	Y344	10 L	-	-	A3 A72 A192	E1

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.

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. 2021/643 (ATP 16)
- EU Regulation No. 1272/2008 amended by EU Regulation No. 2021/849 (ATP 17)

- Container information:

No data available.

- Particular provisions :

No data available.

- German regulations concerning the classification of hazards for water (WGK, AwSV vom 18/04/2017, KBws) :

WGK 1 : Slightly hazardous for water.

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.
H301	Toxic if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H350	May cause cancer .
H360F	May damage fertility.
H361d	Suspected of damaging the unborn child.
H370	Causes damage to organs .
H373	May cause damage to organs through prolonged or repeated exposure .
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

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.
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
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 : Wassergefährdungsklasse (Water Hazard Class).
GHS02 : Flame
PBT: Persistent, bioaccumulable and toxic.
vPvB : Very persistent, very bioaccumulable.
SVHC : Substances of very high concern.