# 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 : OWATROL OWAGRIP
Product code : owowagrip.
UFI : JHR1-Y0V1-200E-6JQU

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

Paint

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

Registered company name : DURIEU S.A.: Siège Social.
Address : 2 bis, rue Charles de Gaulle.91070.BONDOUFLE.FRANCE.
Telephone : + 33 (0)1.60.86.48.70. Fax : + 33 (0)1.60.86.84.84.
reglementaire@durieu.com
www.durieu.com

### 1.4. Emergency telephone number : + 33 (0)1.45.42.59.59.

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

**Other emergency numbers**

UNITED KINGDOM: UK National poisons emergency number: +44 (0) 870 600 6266 IRELAND, EIRE: Ireland National Poisons Information Centre: +353 (0) 1 809 2166 AUSTRALIA: Poison Information Centre: 131 126 NEW ZEALAND: Poison Information Centre: 0 800 764 766 USA: American Association of Poison Centers: +1 800 222 1222 CANADA: Ontario Poison Centre: +1 800 268 9017 ISRAEL: Israel Poison Information Center : '+972 (0)4 854 19 00

## 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).
Repeated exposure may cause skin dryness or cracking (EUH066).
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 :

| | |
|---|---|
| EUH211 | Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. |

Hazard statements :

| | |
|---|---|
| H226 | Flammable liquid and vapour. |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |

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 :

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

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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 - Storage :

P403 + P235 Store in a well-ventilated place. Keep cool.

Precautionary statements - Disposal :

P501 Dispose of contents / container in a waste collection point.

### 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 59 of REACH: http://echa.europa.eu/fr/candidate-list-table

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

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

## SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

**Composition :**

| Identification | Classification (EC) 1272/2008 | Note | % |
|---|---|---|---|
| INDEX: PCP186<br>CAS: 64742-48-9<br>EC: 918-481-9<br>REACH: 01-2119457273-39-XXXX<br><br>HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS | GHS08<br>Dgr<br>Asp. Tox. 1, H304<br>EUH066 | | 10 <= x % < 25 |
| INDEX: 022-006-00-2<br>CAS: 13463-67-7<br>EC: 236-675-5<br>REACH: 01-2119489379-17-0014<br><br>TITANIUM DIOXIDE [IN POWDER FORM CONTAINING 1 % OR MORE OF PARTICLES WITH AERODYNAMIC DIAMETER <= 10 µM] | GHS08<br>Wng<br>Carc. 2, H351 | [i]<br>[10] | 10 <= x % < 25 |
| INDEX: PCP221<br>CAS: 14464-46-1<br>EC: 238-455-4<br><br>CRISTOBALITE | | [i] | 10 <= x % < 25 |
| INDEX: 064A<br>CAS: 14808-60-7<br>EC: 238-878-4<br><br>QUARTZ(SIO2) | | [i] | 2.5 <= x % < 10 |
| INDEX: 299<br>CAS: 64742-48-9<br>EC: 919-857-5<br>REACH: 01-2119463258-33-XXXX<br><br>HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS | GHS07, GHS08, GHS02<br>Dgr<br>Flam. Liq. 3, H226<br>Asp. Tox. 1, H304<br>STOT SE 3, H336<br>EUH066 | | 1 <= x % < 2.5 |
| INDEX: 606-002-00-3<br>CAS: 78-93-3<br>EC: 201-159-0<br>REACH: 01-2119457290-43 | GHS02, GHS07<br>Dgr<br>Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336 | [i] | 1 <= x % < 2.5 |

| | | | |
|---|---|---|---|
| BUTANONE | EUH066 | | |
| INDEX: 298<br>CAS: 1189173-42-9<br>EC: 918-811-1<br>REACH: 01-2119463583-34-XXXX<br><br>HYDROCARBONS, C10, AROMATICS, <1% NAPHTALENE | GHS09, GHS07, GHS08<br>Dgr<br>Asp. Tox. 1, H304<br>STOT SE 3, H336<br>Aquatic Chronic 2, H411<br>EUH066 | | 1 <= x % < 2.5 |
| INDEX: 066<br>CAS: 14808-60-7<br>EC: 238-878-4<br><br>QUARTZ(SIO2) | | [i] | 0.1 <= x % < 1 |
| INDEX: 603-053-00-3<br>CAS: 107-41-5<br>EC: 203-489-0<br>REACH: 01-2119539582-35<br><br>2-METHYLPENTANE-2,4-DIOL | GHS07<br>Wng<br>Eye Irrit. 2, H319<br>Skin Irrit. 2, H315 | [i] | 0 <= x % < 0.1 |
| INDEX: 008<br>CAS: 34590-94-8<br>EC: 252-104-2<br>REACH: 01-2119450011-60-XXXX<br><br>(2-METHOXYMETHYLETHOXY)PROPANOL | | [i] | 0 <= x % < 0.05 |
| INDEX: 607-009-00-4<br>CAS: 85-44-9<br>EC: 201-607-5<br>REACH: 01-2119457017<br><br>PHTHALIC ANHYDRIDE | GHS08, GHS05, GHS07<br>Dgr<br>Acute Tox. 4, H302<br>STOT SE 3, H335<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Resp. Sens. 1, H334<br>Skin Sens. 1, H317 | [i] | 0 <= x % < 0.05 |
| INDEX: 350<br>CAS: 128-37-0<br>EC: 204-881-4<br>REACH: 01-2119565113-46-XXXX<br><br>2,6-DI-TERT-BUTYL-P-CRESOL | GHS09<br>Wng<br>Aquatic Acute 1, H400<br>M Acute = 1<br>Aquatic Chronic 1, H410<br>M Chronic = 1 | [i] | 0 <= x % < 0.05 |
| INDEX: 601-024-00-X<br>CAS: 98-82-8<br>EC: 202-704-5<br><br>CUMENE | GHS09, GHS08, GHS02, GHS07<br>Dgr<br>Flam. Liq. 3, H226<br>Asp. Tox. 1, H304<br>STOT SE 3, H335<br>Carc. 1B, H350<br>Aquatic Chronic 2, H411 | [i]<br>[ii] | 0 <= x % < 0.001 |

**Specific concentration limits:**

| Identification | Specific concentration limits | ATE |
|---|---|---|
| INDEX: 298<br>CAS: 1189173-42-9<br>EC: 918-811-1<br>REACH: 01-2119463583-34-XXXX<br><br>HYDROCARBONS, C10, AROMATICS, <1% NAPHTALENE | | inhalation: ATE = 4.688 mg/l<br>4h<br>(vapours) |
| INDEX: 603-053-00-3<br>CAS: 107-41-5<br>EC: 203-489-0<br>REACH: 01-2119539582-35 | Skin Irrit. 2: H315 >=10% | |

| | | |
|---|---|---|
| 2-METHYLPENTANE-2,4-DIOL | | |

**Information on ingredients :**

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

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

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

Note 10: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter <= 10 µm.

## 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.

**In the event of splashes or contact with skin :**

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

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

If the contaminated 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 :**

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
- 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 :

- jets d'eau directs

**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**

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

**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.

**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.
Recommended types of packaging :
- Jars
- Buckets

Suitable packaging materials :
- Coated steel

Unsuitable packaging materials :
- Plastic

**7.3. Specific end use(s)**

No data available.

## SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1. Control parameters**

**Occupational exposure limits :**

- European Union (2022/431, 2019/1831, 2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE) :

| CAS | VME-mg/m3 : | VME-ppm : | VLE-mg/m3 : | VLE-ppm : | Notes : | |
|---|---|---|---|---|---|---|
| 78-93-3 | 600 | 200 | 900 | 300 | - | |
| 34590-94-8 | 308 | 50 | - | - | Peau | |
| 98-82-8 | 50 | 10 | 250 | 50 | | |

- 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 : |
|---|---|---|---|---|---|---|
| 13463-67-7 | | 10 | | | | |
| 14464-46-1 | | 0.05 | | | VLRC | 25 |
| 14808-60-7 | | 0.1 | | | VLRC | 25 |
| 78-93-3 | 200 | 600 | 300 | 900 | VLRC | 84 |
| 14808-60-7 | | 0.1 | | | VLRC | 25 |
| 107-41-5 | | | 25 | 125 | | 84 |
| 34590-94-8 | 50 | 308 | | | VLRC | 84 |
| 85-44-9 | | | | 6 | | 66,66 BIS |
| 128-37-0 | | 10 | | | | |
| 98-82-8 | 10 | 50 | 50 | 250 | VLRC | 84 |

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

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : | |
|---|---|---|---|---|---|---|
| 13463-67-7 | 4 mg/m3 | | | | | |
| 14464-46-1 | 0.3 mg/m3 | - | - | - | R | |
| 14808-60-7 | 0.3 mg/m3 | - | - | - | R | |
| 78-93-3 | 200 ppm<br>600 mg/m3 | 300 ppm<br>899 mg/m3 | | Sk. BMGV | | |
| 14808-60-7 | 0.3 mg/m3 | - | - | - | R | |
| 107-41-5 | 25 ppm<br>123 mg/m3 | 25 ppm<br>123 mg/m3 | | | | |
| 34590-94-8 | 50 ppm<br>308 mg/m3 | | | Sk | | |
| 85-44-9 | 4 mg/m3 | 12 mg/m3 | | Sen | | |
| 128-37-0 | 10 mg/m3 | | | | | |
| 98-82-8 | 25 ppm<br>125 mg/m3 | 50 ppm<br>250 mg/m3 | | Sk | | |

**8.2. Exposure controls**

**Personal protection measures, such as personal protective equipment**

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

**- 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.

**- Respiratory protection**

Type of FFP mask :
Wear a disposable half-mask aerosol filter in accordance with standard EN149/A1.
Category :
- FFP2
Type of mask with combined filters :
Wear a half mask in accordance with standard EN140.
Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387 :
- A1 (Brown)
- AX (Brown)
Particle filter according to standard EN143 :
- P2 (White)

## 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 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 : | 23°C <= FP <= 55°C |

**Auto-ignition temperature**

| | |
|---|---|
| Self-ignition temperature : | Not relevant. |

**Decomposition temperature**

| | |
|---|---|
| Decomposition point/decomposition range : | Not relevant. |

**pH**

| | |
|---|---|
| pH (aqueous solution) : | Not stated. |
| pH : | Not relevant. |

**Kinematic viscosity**

| | |
|---|---|
| Viscosity : | v>20.5mm²/s (40°C) |
| | Method for determining the viscosity : |
| | ISO 3104 (Petroleum products - Transparent and opaque liquids - Determination of kinematic viscosity and calculation of dynamic viscosity). |

**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 : | > 1 |

**Relative vapour density**

| | |
|---|---|
| Vapour density : | Not stated. |

**Particle characteristics**

The mixture does not contain nanoforms.

**9.2. Other information**

| | |
|---|---|
| VOC (g/l) : | 340 |
| % VOC : | 40 |

**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 :**

HYDROCARBONS, C10, AROMATICS, <1% NAPHTALENE (CAS: 1189173-42-9)

| | |
|---|---|
| Oral route : | LD50 > 5000 mg/kg bodyweight/day<br>Species : Rat<br>OECD Guideline 401 (Acute Oral Toxicity) |
| Dermal route : | LD50 > 2000 mg/kg bodyweight/day<br>Species : Rabbit<br>OECD Guideline 402 (Acute Dermal Toxicity) |
| Inhalation route (Vapours) : | LC50 = 4.688 mg/l |

Species : Rat
OECD Guideline 403 (Acute Inhalation Toxicity)
Duration of exposure : 4 h

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS: 64742-48-9)

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

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

Inhalation route (Vapours) : LC50 > 5000 mg/l
Species : Rat
OECD Guideline 403 (Acute Inhalation Toxicity)

**Germ cell mutagenicity :**

HYDROCARBONS, C10, AROMATICS, <1% NAPHTALENE (CAS: 1189173-42-9)
No mutagenic effect.

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS: 64742-48-9)
No mutagenic effect.

**Carcinogenicity :**

HYDROCARBONS, C10, AROMATICS, <1% NAPHTALENE (CAS: 1189173-42-9)
Carcinogenicity Test : Negative.
No carcinogenic effect.

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS: 64742-48-9)
Carcinogenicity Test : Negative.
No carcinogenic effect.

**Reproductive toxicant :**

HYDROCARBONS, C10, AROMATICS, <1% NAPHTALENE (CAS: 1189173-42-9)
No toxic effect for reproduction
OECD Guideline 414 (Prenatal Developmental Toxicity Study)

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS: 64742-48-9)
No toxic effect for reproduction
OECD Guideline 414 (Prenatal Developmental Toxicity Study)

**11.1.2. Mixture**

No toxicological data available for the mixture.

**11.2. Information on other hazards**

**Endocrine disrupting properties**

The mixture does not contain any substance evaluated as an endocrine disruptor with effects on human health.

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

CAS 98-82-8 : IARC Group 2B : The agent is possibly carcinogenic to humans.
CAS 128-37-0 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.
CAS 14808-60-7 : IARC Group 1 : The agent is carcinogenic to humans.
CAS 7631-86-9 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.
CAS 14808-60-7 : IARC Group 1 : The agent is 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**

HYDROCARBONS, C10, AROMATICS, <1% NAPHTALENE (CAS: 1189173-42-9)
Fish toxicity : Species : Perca fluviatilis

| | |
|---|---|
| Crustacean toxicity : | EC50 <= 10 mg/l<br>Species : Daphnia magna<br>Duration of exposure : 48 h |
| Algae toxicity : | ECr50 = 11 mg/l<br>Species : Pseudokirchnerella subcapitata<br>Duration of exposure : 72 h |

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS: 64742-48-9)

| | |
|---|---|
| Fish toxicity : | LC50 = 1000 mg/l<br>Species : Oncorhynchus mykiss<br>Duration of exposure : 96 h |
| Crustacean toxicity : | EC50 = 1000 mg/l<br>Species : Daphnia magna<br>Duration of exposure : 48 h |
| Algae toxicity : | ECr50 = 1000 mg/l<br>Species : Pseudokirchnerella subcapitata<br>Duration of exposure : 72 h |

**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

**12.2. Persistence and degradability**

**12.2.1. Substances**

HYDROCARBONS, C10, AROMATICS, <1% NAPHTALENE (CAS: 1189173-42-9)

| | |
|---|---|
| Biodegradability : | no degradability data is available, the substance is considered as not degrading quickly. |

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS: 64742-48-9)

| | |
|---|---|
| Biodegradability : | Rapidly degradable. |

**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**

The mixture does not contain any substance evaluated as an endocrine disruptor with environmental effects.

**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.

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

15 01 10 * packaging containing residues of or contaminated by dangerous substances

08 01 11 * waste paint and varnish containing organic solvents or other dangerous substances

## 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 2022 [41-22] - ICAO/IATA 2024 [65]).

**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 |
| 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 | - | |
| 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. 2023/707.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 2024/197. (ATP 21)

**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.

**Labelling for VOCs present in varnishes, paints and in vehicle refinishing products (2004/42/EC) :**

The permitted European level of VOC in this ready-to-use product is limited to 340 g/l.
The permitted European levels of VOC in the ready-to-use product (category IIAi) are 600 g/l maximum in 2007 and 500 g/l maximum in 2010.

**Particular provisions :**

No data available.

**Swiss ordinance on the incentive tax on volatile organic compounds :**

| | |
|---|---|
| 78-93-3 | butanone (méthyléthylcétone) |
| 98-82-8 | cumène (isopropylbenzène) |
| 34590-94-8 | 2-(3-méthoxypropoxy)propane-1-ol |

**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 :**

| | |
|---|---|
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |
| H350 | May cause cancer . |
| H351 | Suspected of causing cancer . |
| 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. |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |

**Abbreviations and acronyms :**

LD50 : The dose of a test substance resulting in 50% lethality in a given time period.
LC50 : The concentration of a test substance resulting in 50% lethality in a given period.
EC50 : The effective concentration of substance that causes 50% of the maximum response.
ECr50 : The effective concentration of substance that causes 50% reduction in growth rate.
REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.
ATE : Acute Toxicity Estimate
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.
VLRI : Indicative limit value
VLRC : Indicative constraint 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).
GHS02 : Flame
PBT: Persistent, bioaccumulable and toxic.
vPvB : Very persistent, very bioaccumulable.
SVHC : Substances of very high concern.

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