

**RENOVATEUR INOX SORONOX - RP110370**



**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 : RENOVATEUR INOX SORONOX  
Product code : RP110370.  
UFI : T3G0-D0Y2-W00A-KPRA

**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 : RUE MAURICE MALLET Z.A. 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.**

Aerosol, Category 1 (Aerosol 1, H222 - H229).

Eye irritation, Category 2 (Eye Irrit. 2, H319).

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.

The propellant gas is taken into account when determining the health and environmental classification of the mixture.

**2.2. Label elements**

Mixture for aerosol application.

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

Hazard pictograms :



GHS02



GHS07

Signal Word :

DANGER

Additional labeling :

EUH208

Contains 2-METHYLISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

Hazard statements :

H222

Extremely flammable aerosol.

H229

Pressurised container: May burst if heated.

H319

Causes serious eye irritation.

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## 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.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P260 Do not breathe spray.

## Precautionary statements - Storage :

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

## 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                                                                                                                             | Classification (EC) 1272/2008                                   | Note            | %                   |
|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------|---------------------|
| CAS: 64-17-5<br>EC: 200-578-6<br>REACH: 01-2119457610-43-xxxx<br><br>ETHANOL                                                               | GHS07, GHS02<br>Dgr<br>Flam. Liq. 2, H225<br>Eye Irrit. 2, H319 | [1]             | 10 $\leq$ x % < 25  |
| CAS: 64742-48-9<br>EC: 918-481-9<br>REACH: 01-2119457273-39<br><br>HYDROCARBONS, C10-C13, N-ALKANES,<br>ISOALKANES, CYCLICS, <2% AROMATICS | GHS08<br>Dgr<br>Asp. Tox. 1, H304<br>EUH:066                    |                 | 10 $\leq$ x % < 25  |
| CAS: 26183-52-8<br><br>DECAN-1-OL, ETHOXYLATED                                                                                             | GHS05<br>Dgr<br>Eye Dam. 1, H318                                |                 | 2.5 $\leq$ x % < 10 |
| CAS: 106-97-8<br>EC: 203-448-7<br>REACH: 01-2119485395-27<br><br>BUTANE                                                                    | GHS02<br>Dgr<br>Flam. Gas 1A, H220<br>Press. Gas, H280          | C<br>[1]<br>[7] | 2.5 $\leq$ x % < 10 |
| CAS: 75-28-5<br>EC: 200-857-2<br>REACH: 01-2119485395-27<br><br>AND ISOBUTANE                                                              | GHS02<br>Dgr<br>Flam. Gas 1A, H220<br>Press. Gas, H280          | C<br>[1]<br>[7] | 2.5 $\leq$ x % < 10 |
| CAS: 74-98-6<br>EC: 200-827-9<br>REACH: 01-2119486944-21<br><br>PROPANE                                                                    | GHS02<br>Dgr<br>Flam. Gas 1A, H220<br>Press. Gas, H280          | [1]<br>[7]      | 2.5 $\leq$ x % < 10 |

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|                                                                                            |                                                                                                                                                                                                                                                                |     |                |
|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------|
| CAS: 75-65-0<br>EC: 200-889-7<br>REACH: 01-2119444321-51<br><br>2-METHYLPROPAN-2-OL        | GHS07, GHS02<br>Dgr<br>Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>Acute Tox. 4, H332<br>STOT SE 3, H335                                                                                                                                                       | [1] | 0 <= x % < 2.5 |
| INDEX: 613-326-00-9<br>CAS: 2682-20-4<br>EC: 220-239-6<br><br>2-METHYLISOTHIAZOL-3(2H)-ONE | GHS06, GHS05, GHS09<br>Dgr<br>Acute Tox. 3, H301<br>Acute Tox. 3, H311<br>Skin Corr. 1B, H314<br>Skin Sens. 1A, H317<br>Eye Dam. 1, H318<br>Acute Tox. 2, H330<br>Aquatic Acute 1, H400<br>M Acute = 10<br>Aquatic Chronic 1, H410<br>M Chronic = 1<br>EUH:071 |     | 0 <= x % < 2.5 |

## Specific concentration limits:

| Identification                                                                             | Specific concentration limits                                | ATE                                                                                                       |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| CAS: 64-17-5<br>EC: 200-578-6<br>REACH: 01-2119457610-43-xxxx<br><br>ETHANOL               | Eye Irrit. 2: H319 C>= 50%                                   | inhalation: ATE = 50000 mg/l 4h (dust/mist)<br>dermal: ATE = 15800 mg/kg BW<br>oral: ATE = 10470 mg/kg BW |
| CAS: 26183-52-8<br><br>DECAN-1-OL, ETHOXYLATED                                             | Eye Dam. 1: H318 C>= 10%<br>Eye Irrit. 2: H319 1% <= C < 10% |                                                                                                           |
| CAS: 106-97-8<br>EC: 203-448-7<br>REACH: 01-2119485395-27<br><br>BUTANE                    |                                                              | inhalation: ATE = 658 mg/l 4h (dust/mist)                                                                 |
| CAS: 75-65-0<br>EC: 200-889-7<br>REACH: 01-2119444321-51<br><br>2-METHYLPROPAN-2-OL        |                                                              | inhalation: ATE = 1.5 mg/l 4h (dust/mist)                                                                 |
| INDEX: 613-326-00-9<br>CAS: 2682-20-4<br>EC: 220-239-6<br><br>2-METHYLISOTHIAZOL-3(2H)-ONE | Skin Sens. 1A: H317 C>= 0.0015%                              |                                                                                                           |

## Information on ingredients :

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

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

[7] Propellant gas

## 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.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

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

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 (CO<sub>2</sub>)

**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.

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.

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**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.

Do not spray on a naked flame or any incandescent material.

Do not pierce or burn, even after use.

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.

Do not breathe in aerosols.

Avoid eye contact with this mixture.

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.

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.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C.

**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, 02/2022) :

| CAS     | VME : | VME :                | Excess | Notes |
|---------|-------|----------------------|--------|-------|
| 64-17-5 |       | 200 ppm<br>380 mg/m3 |        | 4(II) |

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|          |  |                        |  |       |
|----------|--|------------------------|--|-------|
| 106-97-8 |  | 1000 ppm<br>2400 mg/m3 |  | 4(II) |
| 75-28-5  |  | 1000 ppm<br>2400 mg/m3 |  | 4(II) |
| 74-98-6  |  | 1000 ppm<br>1800 mg/m3 |  | 4(II) |
| 75-65-0  |  | 20 ppm<br>62 mg/m3     |  | 4(II) |

- 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 : |
|----------|-----------|-------------|-----------|-------------|---------|----------|
| 64-17-5  | 1000      | 1900        | 5000      | 9500        | -       | 84       |
| 106-97-8 | 800       | 1900        | -         | -           | -       | -        |
| 75-65-0  | 100       | 300         | -         | -           | -       | 84       |

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

| CAS      | TWA :                  | STEL :                | Ceiling : | Definition : | Criteria : |
|----------|------------------------|-----------------------|-----------|--------------|------------|
| 64-17-5  | 1000 ppm<br>1920 mg/m3 |                       |           |              |            |
| 106-97-8 | 600 ppm<br>1450 mg/m3  | 750 ppm<br>1810 mg/m3 |           | Carc         |            |
| 75-65-0  | 100 ppm<br>308 mg/m3   | 150 ppm<br>462 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.

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.

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## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

## 9.1. Information on basic physical and chemical properties

## Physical state

Physical state : Fluid liquid.  
Spray.

## 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 : Not relevant.

## 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 : cinématique : < 20.5 mm<sup>2</sup>/s

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) : Below 110 kPa (1.10 bar).

## 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) : 431

## 9.2.1. Information with regard to physical hazard classes

No data available.

## Aerosols

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|                            |                |
|----------------------------|----------------|
| Chemical combustion heat : | Not specified. |
| Inflammation time :        | Not specified. |
| Deflagration density :     | Not specified. |
| Inflammation distance :    | Not specified. |
| Flame height :             | Not specified. |
| Flame duration :           | Not specified. |

**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 :

- heating
- heat

**10.5. Incompatible materials**

No data available.

**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**

May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.

Splashes in the eyes may cause irritation and reversible damage

**11.1.1. Substances****Acute toxicity :**

BUTANE (CAS: 106-97-8)

Inhalation route (Dusts/mist) :

LC50 = 658 mg/l

Duration of exposure : 4 h

2-METHYLPROPAN-2-OL (CAS: 75-65-0)

Oral route :

LD50 > 2000 mg/kg bodyweight/day

Inhalation route (Dusts/mist) :

LC50 = 1.5 mg/l

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

Dermal route :

LD50 > 5000 mg/kg bodyweight/day



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|                                        |                                                                  |
|----------------------------------------|------------------------------------------------------------------|
|                                        | Species : Rabbit                                                 |
| Inhalation route (Dusts/mist) :        | LC50 > 5610 mg/l<br>Species : Rat                                |
| ETHANOL (CAS: 64-17-5)<br>Oral route : | LD50 = 10470 mg/kg bodyweight/day                                |
| Dermal route :                         | LD50 = 15800 mg/kg bodyweight/day                                |
| Inhalation route (Dusts/mist) :        | LC50 = 50000 mg/l<br>Species : Rat<br>Duration of exposure : 4 h |

**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 64-17-5 : IARC Group 1 : The agent is carcinogenic to humans.

**SECTION 12 : ECOLOGICAL INFORMATION****12.1. Toxicity****12.1.1. Substances****2-METHYLPROPAN-2-OL (CAS: 75-65-0)**

Crustacean toxicity : EC50 = 933 mg/l

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

Fish toxicity : LC50 > 1000 mg/l  
Species : Oncorhynchus mykiss  
Duration of exposure : 96 h

NOEC > 0.1 mg/l  
Species : Oncorhynchus mykiss  
Duration of exposure : 28 days

Crustacean toxicity : EC50 > 1000 mg/l  
Duration of exposure : 48 h

NOEC = 0.18 mg/l  
Species : Daphnia magna  
Duration of exposure : 21 days

Algae toxicity : EC50 > 1000 mg/l  
Species : Pseudokirchnerella subcapitata  
Duration of exposure : 72 h

**ETHANOL (CAS: 64-17-5)**

Fish toxicity : LC50 = 11200 mg/l  
Duration of exposure : 96 h

Crustacean toxicity : EC50 = 12340 mg/l  
Duration of exposure : 48 h

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Algae toxicity :

ECr50 = 275 mg/l

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**

2-METHYLPROPAN-2-OL (CAS: 75-65-0)

Biodegradability :

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

BUTANE (CAS: 106-97-8)

Biodegradability :

Non-rapidly degradable.

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

Biodegradability :

Rapidly degradable.

ETHANOL (CAS: 64-17-5)

Biodegradability :

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

**12.3. Bioaccumulative potential****12.3.1. Substances**

ETHANOL (CAS: 64-17-5)

Octanol/water partition coefficient :

log K<sub>ow</sub> = -0.32**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 Annex I, 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, 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.

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## 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 2023 [64]).

## 14.1. UN number or ID number

1950

## 14.2. UN proper shipping name

UN1950=AEROSOLS, flammable

## 14.3. Transport hazard class(es)

- Classification :



2.1

## 14.4. Packing group

-

## 14.5. Environmental hazards

-

## 14.6. Special precautions for user

| ADR/RID | Class | Code | Pack gr. | Label | Ident. | LQ  | Provis.            | EQ | Cat. | Tunnel |
|---------|-------|------|----------|-------|--------|-----|--------------------|----|------|--------|
|         | 2     | 5F   | -        | 2.1   | -      | 1 L | 190 327 344<br>625 | E0 | 2    | D      |

| IMDG | Class | 2°Label  | Pack gr. | LQ        | EMS      | Provis.                          | EQ | Stowage<br>Handling | Segregation |
|------|-------|----------|----------|-----------|----------|----------------------------------|----|---------------------|-------------|
|      | 2     | See SP63 | -        | See SP277 | F-D, S-U | 63 190 277<br>327 344 381<br>959 | E0 | - SW1 SW22          | SG69        |

| IATA | Class | 2°Label | Pack gr. | Passager | Passager | Cargo | Cargo  | note              | EQ |
|------|-------|---------|----------|----------|----------|-------|--------|-------------------|----|
|      | 2.1   | -       | -        | 203      | 75 kg    | 203   | 150 kg | A145 A167<br>A802 | E0 |
|      | 2.1   | -       | -        | Y203     | 30 kg G  | -     | -      | A145 A167<br>A802 | E0 |

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. 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.

**RENOVATEUR INOX SORONOX - RP110370****Particular provisions :**

No data available.

**German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, 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 :**

|        |                                                       |
|--------|-------------------------------------------------------|
| H220   | Extremely flammable gas.                              |
| H225   | Highly flammable liquid and vapour.                   |
| H280   | Contains gas under pressure; may explode if heated.   |
| H301   | Toxic if swallowed.                                   |
| H304   | May be fatal if swallowed and enters airways.         |
| H311   | Toxic in contact with skin.                           |
| H314   | Causes severe skin burns and eye damage.              |
| H317   | May cause an allergic skin reaction.                  |
| H318   | Causes serious eye damage.                            |
| H319   | Causes serious eye irritation.                        |
| H330   | Fatal if inhaled.                                     |
| 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. |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| EUH071 | Corrosive to the respiratory tract.                   |

**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.

NOEC : The concentration with no observed effect.

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

ATE : Acute Toxicity Estimate

BW : Body Weight

UFI : Unique formulation identifier.

STEL : Short-term exposure limit

TWA : Time Weighted Averages

TMP : French Occupational Illness table

TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

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RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

GHS02 : Flame

GHS07 : Exclamation mark

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.