### Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Reference number: PA1042 Issue date: 5/20/2014 Revision date: 2/9/2024 Supersedes version of: 11/25/2021 Version: 3.1

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

| 1.1. Product identifier                               |   |  |
|---|---|--|
| Product form  | : Mixture                               |  |
| Product name  | : PROSOLV MULTI                         |  |
| Product code  | : 101940-101970                         |  |
| Type of product                                       | : Solvents                              |  |
| Product group   | : Trade product                         |  |
| 1.2. Relevant identified uses of the substa           | nce or mixture and uses advised against |  |
| 1.2.1. Relevant identified uses                       |   |  |
| Industrial/Professional use spec                      | : For professional use only             |  |
| 1.2.2. Uses advised against                           |   |  |
| No additional information available                   |   |  |
| 1.3. Details of the supplier of the safety data sheet |   |  |
| IPC   |   |  |
| <u>10 Quai Malbert,</u>                               |   |  |
| 29200, BREST, FRANCE.                                 |   |  |
| <u>Tel.: +33 (0)2 98 43 45 44.</u>                    |   |  |
| Fax : +33 (0)2 98 44 22 53                            |   |  |
| ipc@groupe-ipc.com                                    |   |  |
| 1.4. Emergency telephone number                       |   |  |

No additional information available

### **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

| Classification according to Regulation (EC) No. 1272/2008 [CLP] |      |  |
|---|------|--|
| Flammable liquids, Category 2                                   | H225 |  |
| Serious eye damage/eye irritation, Category 1                   | H318 |  |

Full text of H- and EUH-statements: see section 16

### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

| Labelling according to Regulation (EC) No. 1272 | 2/2008 [CLP]  |
|---|---|
| Hazard pictograms (CLP)                         | GHS02 GHS05   |
| Signal word (CLP)                               | : Danger  |
| Contains  | : 1,3-dioxolane   |
| Hazard statements (CLP)                         | : H225 - Highly flammable liquid and vapour.<br>H318 - Causes serious eye damage. |
| Precautionary statements (CLP)                  | : P210 - Keep away from heat, hot surfaces, sparks,                               |

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

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P233 - Keep container tightly closed.
P102 - Keep out of reach of children.
P280 - Wear eye protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a doctor, a POISON CENTER.
P501 - Dispose of contents and container to compliance with local regulations.

### 2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

### **SECTION 3: Composition/information on ingredients**

### 3.1. Substances

#### Not applicable

### 3.2. Mixtures

| Name   | Product identifier  | %       | Classification according to<br>Regulation (EC) No. 1272/2008<br>[CLP]  |
|--|---|---------|--|
| ethanol; ethyl alcohol<br>substance with national workplace exposure limit(s)<br>(FR)  | CAS-No.: 64-17-5<br>EC-No.: 200-578-6<br>EC Index-No.: 603-002-00-5                                   | 20 – 50 | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319   |
| 1,3-dioxolane  | CAS-No.: 646-06-0<br>EC-No.: 211-463-5<br>EC Index-No.: 605-017-00-2                                  | 20 – 50 | Flam. Liq. 2, H225<br>Eye Dam. 1, H318   |
| Dipropyleneglycol<br>substance with national workplace exposure limit(s)<br>(FR); substance with a Community workplace<br>exposure limit | CAS-No.: 34590-94-8<br>EC-No.: 252-104-2<br>REACH-no: 01-2119450011-<br>60                            | 5 – 10  | Not classified   |
| propan-2-ol; isopropyl alcohol; isopropanol  | CAS-No.: 67-63-0<br>EC-No.: 200-661-7<br>EC Index-No.: 603-117-00-0<br>REACH-no: 01-2119457558-<br>25 | 1 – 5   | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336  |
| methanol   | CAS-No.: 67-56-1<br>EC-No.: 200-659-6<br>EC Index-No.: 603-001-00-X                                   | 0.1 – 1 | Flam. Liq. 2, H225<br>Acute Tox. 3 (Inhalation), H331<br>Acute Tox. 3 (Dermal), H311<br>Acute Tox. 3 (Oral), H301<br>STOT SE 1, H370 |

| Specific concentration limits: |   |  |  |
|--------------------------------|---|--|--|
| Name                           | Product identifier  | Specific concentration limits (%)                              |  |
| ethanol; ethyl alcohol         | CAS-No.: 64-17-5<br>EC-No.: 200-578-6<br>EC Index-No.: 603-002-00-5 | (50 ≤ C < 100) Eye Irrit. 2, H319                              |  |
| methanol                       | CAS-No.: 67-56-1<br>EC-No.: 200-659-6<br>EC Index-No.: 603-001-00-X | (3 ≤ C < 10) STOT SE 2, H371<br>(10 ≤ C ≤ 100) STOT SE 1, H370 |  |

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| SECTION 4: First aid measures                                    |  |  |  |
|--|--|--|--|
| 4.1. Description of first aid measures                           |  |  |  |
| First-aid measures general                                       | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).                              |  |  |
| First-aid measures after inhalation                              | : Allow affected person to breathe fresh air. Allow the victim to rest.  |  |  |
| First-aid measures after skin contact                            | : Rinse skin with water/shower. Take off immediately all contaminated clothing.  |  |  |
| First-aid measures after eye contact                             | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and eas to do. Continue rinsing. Immediately call a POISON CENTER/doctor. |  |  |
| First-aid measures after ingestion                               | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.   |  |  |
| 4.2. Most important symptoms and effects, both acute and delayed |  |  |  |
| Symptoms/effects after eye contact                               | : Causes serious eye damage.   |  |  |

4.3. Indication of any immediate medical attention and special treatment needed

Notes to physician.

| SECTION 5: Firefighting measures                               |   |  |  |
|--|---|--|--|
| 5.1. Extinguishing media                                       |   |  |  |
| Suitable extinguishing media<br>Unsuitable extinguishing media | <ul><li>Foam. Dry powder. Carbon dioxide. Water spray. Sand.</li><li>Do not use a heavy water stream.</li></ul>   |  |  |
| 5.2. Special hazards arising from the substance or mixture     |   |  |  |
| Fire hazard<br>Explosion hazard                                | <ul><li>Highly flammable liquid and vapour.</li><li>May form flammable/explosive vapour-air mixture.</li></ul>  |  |  |
| 5.3. Advice for firefighters                                   |   |  |  |
| Firefighting instructions                                      | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. |  |  |
| Protection during firefighting                                 | : Do not enter fire area without proper protective equipment, including respiratory protection.   |  |  |

| SECTION 6: Accidental release measures       |   |  |  |
|--|---|--|--|
| 6.1. Personal precautions, protective equipm | nent and emergency procedures   |  |  |
| General measures                             | : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking. |  |  |
| 6.1.1. For non-emergency personnel           |   |  |  |
| Emergency procedures                         | : Evacuate unnecessary personnel.   |  |  |
| 6.1.2. For emergency responders              |   |  |  |
| Protective equipment<br>Emergency procedures | : Equip cleanup crew with proper protection.<br>: Ventilate area.   |  |  |

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

| 6.3. Methods and material for containment and cleaning up |                                    |  |
|---|------------------------------------|--|
| Methods for cleaning up                                   | : Store away from other materials. |  |
| 6.4. Reference to other sections                          |                                    |  |

See Section 8. Exposure controls and personal protection.

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| SECTION 7: Handling and storage                                    |  |  |  |
|--|--|--|--|
| 7.1. Precautions for safe handling                                 |  |  |  |
| Additional hazards when processed<br>Precautions for safe handling | <ul> <li>Handle empty containers with care because residual vapours are flammable.</li> <li>Wash hands and other exposed areas with mild soap and water before eating, drinking or<br/>smoking and when leaving work. Provide good ventilation in process area to prevent<br/>formation of vapour. No open flames. No smoking. Use only non-sparking tools.</li> </ul> |  |  |
| Hygiene measures   | : Wash hands, forearms and face thoroughly after handling.   |  |  |
| 7.2. Conditions for safe storage, including any incompatibilities  |  |  |  |
| Technical measures   | : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical equipment.   |  |  |
| Storage conditions   | : Keep only in the original container in a cool, well ventilated place away from : Heat sources.<br>Keep in fireproof place. Keep container tightly closed.  |  |  |
| Incompatible products  | : Strong bases. Strong acids.  |  |  |
| Incompatible materials   | : Sources of ignition. Direct sunlight. Heat sources.  |  |  |
| Storage temperature  | : 5 – 50 °C  |  |  |
| 7.3. Specific end use(s)   |  |  |  |

No additional information available

### SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

### 8.1.1 National occupational exposure and biological limit values

| Dipropyleneglycol (34590-94-8)        |                                  |  |
|---------------------------------------|----------------------------------|--|
| France - Occupational Exposure Limits |                                  |  |
| Local name                            | (2-méthoxyméthylethoxy)-propanol |  |
| VME (OEL TWA)                         | 308 mg/m <sup>3</sup>            |  |
| VME (OEL TWA) [ppm] 50 ppm            |                                  |  |
| ethanol; ethyl alcohol (64-17-5)      |                                  |  |
| France - Occupational Exposure Limits |                                  |  |
| Local name                            | Alcool éthylique                 |  |
| VME (OEL TWA)                         | 1900 mg/m³                       |  |
| VME (OEL TWA) [ppm]                   | 1000 ppm                         |  |
| VLE (OEL C/STEL)                      | 9500 mg/m³                       |  |
| VLE (OEL C/STEL) [ppm]                | 5000 ppm                         |  |

### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

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### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No additional information available

### 8.2.2. Personal protection equipment

### Personal protective equipment:

Safety glasses. Gloves. Gas mask. Protective clothing.

#### Personal protective equipment symbol(s):



### 8.2.2.1. Eye and face protection

**Eye protection:** Chemical goggles or safety glasses

### 8.2.2.2. Skin protection

Hand protection: Wear protective gloves.

#### 8.2.2.3. Respiratory protection

**Respiratory protection:** Wear appropriate mask

#### 8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

#### Other information:

Do not eat, drink or smoke during use.

### **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

| Dhysical state                                  |   | Liquid                              |
|---|---|-------------------------------------|
| Physical state                                  | ÷ | Liquid                              |
| Colour  | : | Colourless.                         |
| Appearance                                      | : | clear.                              |
| Odour   | : | characteristic.                     |
| Odour threshold                                 | : | Not available                       |
| Melting point                                   | : | Not available                       |
| Freezing point                                  | : | Not available                       |
| Boiling point                                   | : | > 35 °C                             |
| Flammability                                    | : | Highly flammable liquid and vapour. |
| Lower explosion limit                           | : | Not available                       |
| Upper explosion limit                           | : | Not available                       |
| Flash point                                     | : | < 0 °C                              |
| Auto-ignition temperature                       | : | Not available                       |
| Decomposition temperature                       | : | Not available                       |
| рН  | : | Not available                       |
| Viscosity, kinematic                            | : | Not available                       |
| Solubility                                      | : | Not available                       |
| Partition coefficient n-octanol/water (Log Kow) | : | Not available                       |
| Vapour pressure                                 | : | Not available                       |
| Vapour pressure at 50 °C                        | : | Not available                       |
| Density   | : | Not available                       |
| Relative density                                | : | 0.89                                |
| Relative vapour density at 20 °C                | : | Not available                       |
| Particle characteristics                        | : | Not applicable                      |
|   |   |                                     |

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### 9.2. Other information

- 9.2.1. Information with regard to physical hazard classes
- No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

### SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

**10.2. Chemical stability** 

Highly flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

10.3. Possibility of hazardous reactions

Not established.

**10.4. Conditions to avoid** 

Direct sunlight. Extremely high or low temperatures. Open flame.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

| SECTION 11: Toxicological inform  | ation  |  |
|---|--|--|
| 11.1. Information on hazard classes as  | defined in Regulation (EC) No 1272/2008  |  |
| Acute toxicity (oral)<br>Acute toxicity (dermal)<br>Acute toxicity (inhalation) | <ul> <li>Not classified</li> <li>Not classified</li> <li>Not classified</li> </ul> |  |
| Dipropyleneglycol (34590-94-8)  |  |  |
| LD50 oral rat   | > 5000 mg/kg   |  |
| LD50 dermal rabbit  | 9510 mg/kg   |  |
| ethanol; ethyl alcohol (64-17-5)  |  |  |
| LD50 oral rat   | 10470 mg/kg  |  |
| LD50 dermal rabbit  | > 2000 mg/kg   |  |
| LC50 Inhalation - Rat   | 124.7 mg/l   |  |
| propan-2-ol; isopropyl alcohol; isopro  | panol (67-63-0)  |  |
| LD50 oral rat   | 5840 mg/kg   |  |
| LD50 dermal rabbit  | 13900 mg/kg  |  |
| LC50 Inhalation - Rat   | > 25 mg/l  |  |
| Skin corrosion/irritation   | : Not classified   |  |
| Additional information  | : Based on available data, the classification criteria are not met                 |  |
| Serious eye damage/irritation   | : Causes serious eye damage.   |  |
| Respiratory or skin sensitisation   | : Not classified   |  |
| Additional information  | : Based on available data, the classification criteria are not met                 |  |

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| Germ cell mutagenicity | : Not classified   |
|------------------------|--|
| Additional information | : Based on available data, the classification criteria are not met |
| Carcinogenicity        | : Not classified   |
| Additional information | : Based on available data, the classification criteria are not met |
| Reproductive toxicity  | : Not classified   |
| Additional information | : Based on available data, the classification criteria are not met |
| STOT-single exposure   | : Not classified   |
| Additional information | : Based on available data, the classification criteria are not met |
|                        |  |

methanol (67-56-1) STOT-single exposure

Causes damage to organs.

| propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)                                     |  |  |  |
|---|--|--|--|
| STOT-single exposure  | May cause drowsiness or dizziness.                               |  |  |
| STOT-repeated exposure :  | Not classified   |  |  |
| Additional information :  | Based on available data, the classification criteria are not met |  |  |
| Aspiration hazard :   | : Not classified   |  |  |
| Additional information : Based on available data, the classification criteria are not met |  |  |  |
| Dipropyleneglycol (34590-94-8)  |  |  |  |
| Viscosity, kinematic  | 4.55 mm²/s   |  |  |
|   |  |  |  |
| 11.2. Information on other hazards  |  |  |  |

### 11.2.1. Endocrine disrupting properties

No additional information available

### 11.2.2. Other information

| Potential adverse human health effects and | : | Based on available data, the classification criteria are not met |
|--|---|--|
| symptoms                                   |   |  |

| SECTION 12: Ecological information  |                                |  |  |  |
|---|--------------------------------|--|--|--|
| 12.1. Toxicity  |                                |  |  |  |
| Hazardous to the aquatic environment, short–term : Not classified<br>(acute)<br>Hazardous to the aquatic environment, long–term : Not classified<br>(chronic) |                                |  |  |  |
| Dipropyleneglycol (34590-94-8)  | Dipropyleneglycol (34590-94-8) |  |  |  |
| LC50 - Fish [1] 10000 mg/l  |                                |  |  |  |
| propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)   |                                |  |  |  |
| LC50 - Fish [1]   | 9640 mg/l                      |  |  |  |
| EC50 - Crustacea [1]  | 9714 mg/l                      |  |  |  |
| 12.2. Persistence and degradability   |                                |  |  |  |
| PROSOLV MULTI - 101971 - JERRICAN 5L - IPC - CARTON (2x5L)  |                                |  |  |  |
| Persistence and degradability Not established.  |                                |  |  |  |
| Dipropyleneglycol (34590-94-8)  |                                |  |  |  |
| Persistence and degradability   | Not established.               |  |  |  |
| propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)   |                                |  |  |  |
| Persistence and degradability   | Not established.               |  |  |  |

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| 12.3. Bioaccumulative potential                            |                                   |  |  |
|--|-----------------------------------|--|--|
| PROSOLV MULTI - 101971 - JERRICAN 5L - IPC - CARTON (2x5L) |                                   |  |  |
| Bioaccumulative potential Not established.                 |                                   |  |  |
| Dipropyleneglycol (34590-94-8)                             |                                   |  |  |
| Bioaccumulative potential                                  | Not established.                  |  |  |
| propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)      |                                   |  |  |
| Bioaccumulative potential Not established.                 |                                   |  |  |
| 12.4. Mobility in soil                                     |                                   |  |  |
| No additional information available                        |                                   |  |  |
| 12.5. Results of PBT and vPvB assessment                   |                                   |  |  |
| No additional information available                        |                                   |  |  |
| 12.6. Endocrine disrupting properties                      |                                   |  |  |
| No additional information available                        |                                   |  |  |
| 12.7. Other adverse effects                                |                                   |  |  |
| Additional information :                                   | Avoid release to the environment. |  |  |
|  |                                   |  |  |
| SECTION 13: Disposal considerations                        |                                   |  |  |

| 13.1. Waste treatment methods              |   |
|--|---|
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions  |
| Product/Packaging disposal recommendations | <ul> <li>Dispose in a safe manner in accordance with local/national regulations. Dispose of<br/>contents/container to compliance with local regulations.</li> </ul> |
| Additional information                     | : Handle empty containers with care because residual vapours are flammable.   |
| Ecology - waste materials                  | : Avoid release to the environment.   |

### **SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA / ADN / RID

### 14.1. UN number or ID number

| 14.1. ON number of 1D number   |  |
|--|--|
| UN-No. (ADR)<br>UN-No. (IMDG)<br>UN-No. (IATA)<br>UN-No. (ADN)<br>UN-No. (RID)   | <ul> <li>: UN 1993</li> </ul>  |
| 14.2. UN proper shipping name  |  |
| Proper Shipping Name (ADR)<br>Proper Shipping Name (IMDG)<br>Proper Shipping Name (IATA)<br>Proper Shipping Name (ADN)<br>Proper Shipping Name (RID)<br>Transport document description (ADR) | <ul> <li>FLAMMABLE LIQUID, N.O.S.</li> <li>UN 1993 FLAMMABLE LIQUID, N.O.S. (contient du dioxolane, du méthylal et de l'éthanol),<br/>3, II, (D/E)</li> <li>UN 1002 FLAMMABLE LIQUID, N.O.S. (contient du dioxolane, du méthylal et de l'éthanol)</li> </ul> |
| Transport document description (IMDG) Transport document description (IATA)  | <ul> <li>: UN 1993 FLAMMABLE LIQUID, N.O.S. (contient du dioxolane, du méthylal et de l'éthanol),</li> <li>3, II</li> <li>: UN 1993 Flammable liquid, n.o.s. (contient du dioxolane, du méthylal et de l'éthanol), 3, II</li> </ul>  |

Transport document description (ADN)

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| Transport document description (RID)  | : UN 1993 FLAMMABLE LIQUID, N.O.S. (contient du dioxolane, du méthylal et de l'éthanol),<br>3, II |
|---|---|
| 14.3. Transport hazard class(es)  |   |
| ADR<br>Transport hazard class(es) (ADR)<br>Danger labels (ADR)  |   |
| IMDG<br>Transport hazard class(es) (IMDG)<br>Danger labels (IMDG)   |   |
| IATA<br>Transport hazard class(es) (IATA)<br>Danger labels (IATA)   |   |
| ADN<br>Transport hazard class(es) (ADN)<br>Danger labels (ADN)  |   |
| <b>RID</b><br>Transport hazard class(es) (RID)<br>Danger labels (RID)   |   |
| 14.4. Packing group   |   |
| Packing group (ADR)<br>Packing group (IMDG)<br>Packing group (IATA)<br>Packing group (ADN)<br>Packing group (RID) | : II<br>: II<br>: II<br>: II  |
| 14.5. Environmental hazards   |   |
| Dangerous for the environment<br>Marine pollutant<br>Other information  | <ul> <li>No</li> <li>No supplementary information available</li> </ul>                            |

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### 14.6. Special precautions for user

| Overland transport  |                     |
|---|---------------------|
| Classification code (ADR)   | : F1                |
| Special provisions (ADR)  | : 274, 601, 640D    |
| Limited quantities (ADR)  | : 11                |
| Excepted quantities (ADR)   | : E2                |
| Packing instructions (ADR)  | : P001, IBC02, R001 |
| Mixed packing provisions (ADR)  | : MP19              |
| Portable tank and bulk container instructions (ADR)                           | : T7                |
| Portable tank and bulk container special provisions                           | : TP1, TP8, TP28    |
| (ADR)   | , ,                 |
| Tank code (ADR)   | : LGBF              |
| Vehicle for tank carriage   | : FL                |
| Transport category (ADR)  | : 2                 |
| Special provisions for carriage - Operation (ADR)                             | : S2, S20           |
| Hazard identification number (Kemler No.)                                     | : 33                |
| Orange plates   | 22                  |
|   | 33                  |
|   | 1993                |
|   | 1995                |
| Tunnel restriction code (ADR)   | : D/E               |
|   |                     |
| Transport by sea  |                     |
| Special provisions (IMDG)   | : 274               |
| Limited quantities (IMDG)   | : 1L                |
| Excepted quantities (IMDG)  | : E2                |
| Packing instructions (IMDG)   | : P001              |
| IBC packing instructions (IMDG)   | : IBC02             |
| Tank instructions (IMDG)  | : T7                |
| Tank special provisions (IMDG)  | : TP1, TP28, TP8    |
| EmS-No. (Fire)  | : F-E               |
| EmS-No. (Spillage)  | : S-E               |
| Stowage category (IMDG)   | : B                 |
| A to down and   |                     |
| Air transport   | : E2                |
| PCA Excepted quantities (IATA)  |                     |
| PCA Limited quantities (IATA)<br>PCA limited quantity max net quantity (IATA) | : Y341<br>: 1L      |
| PCA packing instructions (IATA)   | : 353               |
| PCA max net quantity (IATA)   | : 5L                |
| CAO packing instructions (IATA)   | : 364               |
| CAO max net quantity (IATA)   | : 60L               |
| Special provisions (IATA)   | : A3                |
| ERG code (IATA)   | : 3H                |
|   |                     |
| Inland waterway transport   |                     |
| Classification code (ADN)   | : F1                |
| Special provisions (ADN)  | : 274, 601, 640D    |
| Limited quantities (ADN)  | : 1L                |
| Excepted quantities (ADN)   | : E2                |
| Equipment required (ADN)  | : PP, EX, A         |
| Ventilation (ADN)   | : VE01              |
| Number of blue cones/lights (ADN)   | : 1                 |
|   |                     |
| Rail transport  |                     |
| Classification code (RID)   | : F1                |
| Special provisions (RID)  | : 274, 601, 640D    |
| Limited quantities (RID)  | : 1L                |
| Excepted quantities (RID)   | : E2                |
| Packing instructions (RID)  | : P001, IBC02, R001 |
| Mixed packing provisions (RID)  | : MP19              |
|   |                     |

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| Portable tank and bulk container instructions (RID)<br>Portable tank and bulk container special provisions<br>(RID) |   | T7<br>TP1, TP8, TP28 |
|---|---|----------------------|
| Tank codes for RID tanks (RID)  | : | LGBF                 |
| Transport category (RID)  | : | 2                    |
| Colis express (express parcels) (RID)   | : | CE7                  |
| Hazard identification number (RID)  | : | 33                   |

14.7. Maritime transport in bulk according to IMO instruments

#### Not applicable

### **SECTION 15: Regulatory information**

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

### 15.1.1. EU-Regulations

### **REACH Annex XVII (Restriction List)**

Contains no REACH substances with Annex XVII restrictions

#### **REACH Annex XIV (Authorisation List)**

Contains no REACH Annex XIV substances

#### **REACH Candidate List (SVHC)**

Contains no substance on the REACH candidate list

#### **PIC Regulation (Prior Informed Consent)**

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

### **POP Regulation (Persistent Organic Pollutants)**

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

### Ozone Regulation (1005/2009)

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

#### **Explosives Precursors Regulation (2019/1148)**

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

### **Drug Precursors Regulation (273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)

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### 15.1.2. National regulations

### France

| Occupational diseases   |   |  |       |  |  |
|---|---|--|-------|--|--|
| Code  | Description   |  |       |  |  |
| RG 84 Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide |   |  |       |  |  |
| Installations classées  |   |  |       |  |  |
| No ICPE   | Désignation de la rubrique  |  | Rayon |  |  |
| 4331.text   | Liquides inflammables de catégorie 2 ou catégorie 3 à l'exclusion de la<br>rubrique 4330.<br>La quantité totale susceptible d'être présente dans les installations y compris<br>dans les cavités souterraines étant : |  |       |  |  |

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### **SECTION 16: Other information**

| Indication of changes |  |          |          |  |
|-----------------------|--|----------|----------|--|
| Section               | Changed item   | Change   | Comments |  |
|                       | Revision date  | Modified |          |  |
|                       | Supersedes   | Modified |          |  |
|                       | Flammability (solid, gas)  | Added    |          |  |
| 2.1                   | Classification according to Regulation (EC)<br>No. 1272/2008 [CLP] | Modified |          |  |
| 2.2                   | Precautionary statements (CLP)                                     | Modified |          |  |
| 2.2                   | Hazard pictograms (CLP)  | Modified |          |  |
| 2.2                   | Hazard statements (CLP)  | Modified |          |  |
| 4.1                   | First-aid measures general   | Added    |          |  |
| 4.1                   | First-aid measures after skin contact                              | Added    |          |  |
| 4.1                   | First-aid measures after inhalation                                | Added    |          |  |
| 4.1                   | First-aid measures after ingestion                                 | Added    |          |  |
| 4.1                   | First-aid measures after eye contact                               | Added    |          |  |
| 4.2                   | Symptoms/effects after eye contact                                 | Added    |          |  |
| 4.3                   | Other medical advice or treatment                                  | Added    |          |  |
| 5.1                   | Unsuitable extinguishing media                                     | Added    |          |  |
| 5.1                   | Suitable extinguishing media                                       | Added    |          |  |
| 5.2                   | Fire hazard  | Added    |          |  |
| 5.2                   | Explosion hazard   | Added    |          |  |
| 5.3                   | Protection during firefighting                                     | Added    |          |  |
| 5.3                   | Firefighting instructions  | Added    |          |  |

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| Indication of changes |   |        |          |  |
|-----------------------|---|--------|----------|--|
| Section               | Changed item  | Change | Comments |  |
| 6.1                   | Protective equipment                                | Added  |          |  |
| 6.1                   | Emergency procedures                                | Added  |          |  |
| 6.1                   | Emergency procedures                                | Added  |          |  |
| 6.1                   | General measures                                    | Added  |          |  |
| 6.2                   | Environmental precautions                           | Added  |          |  |
| 6.3                   | Methods for cleaning up                             | Added  |          |  |
| 6.4                   | Reference to other sections (8, 13)                 | Added  |          |  |
| 7.1                   | Additional hazards when processed                   | Added  |          |  |
| 7.1                   | Precautions for safe handling                       | Added  |          |  |
| 7.1                   | Hygiene measures                                    | Added  |          |  |
| 7.2                   | Incompatible products                               | Added  |          |  |
| 7.2                   | Incompatible materials                              | Added  |          |  |
| 7.2                   | Technical measures                                  | Added  |          |  |
| 7.2                   | Storage conditions                                  | Added  |          |  |
| 8.2                   | Other information                                   | Added  |          |  |
| 8.2                   | Respiratory protection                              | Added  |          |  |
| 8.2                   | Hand protection                                     | Added  |          |  |
| 8.2                   | Eye protection                                      | Added  |          |  |
| 10.2                  | Chemical stability                                  | Added  |          |  |
| 10.3                  | Possibility of hazardous reactions                  | Added  |          |  |
| 10.4                  | Conditions to avoid                                 | Added  |          |  |
| 10.5                  | Incompatible materials                              | Added  |          |  |
| 10.6                  | Hazardous decomposition products                    | Added  |          |  |
| 11.1                  | Additional information                              | Added  |          |  |
| 11.1                  | Additional information                              | Added  |          |  |
| 11.1                  | Additional information                              | Added  |          |  |
| 11.1                  | Additional information                              | Added  |          |  |
| 11.1                  | Additional information                              | Added  |          |  |
| 11.1                  | Additional information                              | Added  |          |  |
| 11.1                  | Additional information                              | Added  |          |  |
| 11.1                  | Additional information                              | Added  |          |  |
| 11.1                  | Potential adverse human health effects and symptoms | Added  |          |  |
| 12.2                  | Persistence and degradability                       | Added  |          |  |
| 12.3                  | Bioaccumulative potential                           | Added  |          |  |
| 13.1                  | Product/Packaging disposal recommendations          | Added  |          |  |
| 13.1                  | Additional information                              | Added  |          |  |
| 13.1                  | Ecology - waste materials                           | Added  |          |  |

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| Indication of changes |                            |        |          |  |
|-----------------------|----------------------------|--------|----------|--|
| Section               | Changed item               | Change | Comments |  |
| 15.2                  | Chemical safety assessment | Added  |          |  |
| 16                    | Data sources               | Added  |          |  |
| 16                    | Other information          | Added  |          |  |

: None.

Data sources

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information

| Full text of H- and EUH-statements: |  |  |
|-------------------------------------|--|--|
| Acute Tox. 3 (Dermal)               | Acute toxicity (dermal), Category 3                                    |  |
| Acute Tox. 3 (Inhalation)           | Acute toxicity (inhal.), Category 3                                    |  |
| Acute Tox. 3 (Oral)                 | Acute toxicity (oral), Category 3                                      |  |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                          |  |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                          |  |
| Flam. Liq. 2                        | Flammable liquids, Category 2  |  |
| H225                                | Highly flammable liquid and vapour.                                    |  |
| H301                                | Toxic if swallowed.  |  |
| H311                                | Toxic in contact with skin.  |  |
| H318                                | Causes serious eye damage.   |  |
| H319                                | Causes serious eye irritation.   |  |
| H331                                | Toxic if inhaled.  |  |
| H336                                | May cause drowsiness or dizziness.                                     |  |
| H370                                | Causes damage to organs.   |  |
| H371                                | May cause damage to organs.  |  |
| STOT SE 1                           | Specific target organ toxicity – single exposure, Category 1           |  |
| STOT SE 2                           | Specific target organ toxicity – Single exposure, Category 2           |  |
| STOT SE 3                           | Specific target organ toxicity – Single exposure, Category 3, Narcosis |  |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.