

**DILUANT D225 POUR SL2/V2 (PISTOLET) - 6905000100**



**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 : DILUANT D225 POUR SL2/V2 (PISTOLET)  
Product code : 6905000100.  
UFI : Y5C0-406T-T00J-5YXC

**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.**

Flammable liquid, Category 2 (Flam. Liq. 2, H225).  
Skin irritation, Category 2 (Skin Irrit. 2, H315).  
Eye irritation, Category 2 (Eye Irrit. 2, H319).  
Specific target organ toxicity (single exposure), Category 3 (STOT SE 3, H335).  
Specific target organ toxicity (single exposure), Category 3 (STOT SE 3, H336).  
Specific target organ toxicity (repeated exposure), Category 2 (STOT RE 2, H373).  
Aspiration hazard, Category 1 (Asp. Tox. 1, H304).  
Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).

**2.2. Label elements**

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

Hazard pictograms :



GHS08



GHS02



GHS07

Signal Word :

DANGER

Product identifiers :

EC 201-159-0 BUTANONE  
EC 215-535-7 XYLENE

Hazard statements :

H225 Highly flammable liquid and vapour.

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|   |  |
|---|--|
| H304                                    | May be fatal if swallowed and enters airways.  |
| H315                                    | Causes skin irritation.  |
| H319                                    | Causes serious eye irritation.   |
| H335                                    | May cause respiratory irritation.  |
| H336                                    | May cause drowsiness or dizziness.   |
| H373                                    | May cause damage to organs through prolonged or repeated exposure .  |
| H412                                    | Harmful to aquatic life with long lasting effects.   |
| Precautionary statements - General :    |  |
| P101                                    | If medical advice is needed, have product container or label at hand.  |
| Precautionary statements - Prevention : |  |
| P260                                    | Do not breathe vapours.  |
| P271                                    | Use only outdoors or in a well-ventilated area.  |
| P280                                    | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/ ...                                |
| Precautionary statements - Response :   |  |
| P302 + P352                             | IF ON SKIN: Wash with plenty of water/...  |
| P305 + P351 + P338                      | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P332 + P313                             | If skin irritation occurs: Get medical advice/attention.   |
| 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: 78-93-3<br>EC: 201-159-0<br>REACH: 01-2119457290-43-xxxx<br>BUTANONE | GHS07, GHS02<br>Dgr<br>Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336<br>EUH:066   | [1]      | 50 $\leq$ x % < 100 |
| CAS: 1330-20-7<br>EC: 215-535-7<br>XYLENE                                 | GHS07, GHS08, GHS02<br>Dgr<br>Flam. Liq. 3, H226<br>Asp. Tox. 1, H304<br>Acute Tox. 4, H312<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Acute Tox. 4, H332<br>STOT SE 3, H335<br>STOT RE 2, H373<br>Aquatic Chronic 3, H412 | C<br>[1] | 25 $\leq$ x % < 50  |

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|   |   |            |               |
|---|---|------------|---------------|
| CAS: 100-41-4<br>EC: 202-849-4<br>REACH: 01-2119489370-35<br><br>ETHYLBENZENE | GHS07, GHS08, GHS02<br>Dgr<br>Flam. Liq. 2, H225<br>Asp. Tox. 1, H304<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Acute Tox. 4, H332<br>STOT SE 3, H335<br>STOT RE 2, H373  | [1]        | 1 ≤ x % < 2.5 |
| CAS: 108-88-3<br>EC: 203-625-9<br>REACH: 01-2119471310-51<br><br>TOLUENE      | GHS07, GHS08, GHS02<br>Dgr<br>Flam. Liq. 2, H225<br>Asp. Tox. 1, H304<br>Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Repr. 2, H361d<br>STOT RE 2, H373<br>Aquatic Chronic 3, H412 | [1]<br>[2] | 0 ≤ x % < 1   |

**Specific concentration limits:**

| Identification  | Specific concentration limits | ATE  |
|---|-------------------------------|--|
| CAS: 78-93-3<br>EC: 201-159-0<br>REACH: 01-2119457290-43-xxxx<br><br>BUTANONE |                               | inhalation: ATE = 34 mg/l 4h<br>(vapours)  |
| CAS: 1330-20-7<br>EC: 215-535-7<br><br>XYLENE                                 |                               | oral: ATE = 3523 mg/kg BW  |
| CAS: 100-41-4<br>EC: 202-849-4<br>REACH: 01-2119489370-35<br><br>ETHYLBENZENE |                               | inhalation: ATE = 17.2 mg/l 4h<br>(vapours)<br>dermal: ATE = 15400 mg/kg BW<br>oral: ATE = 3500 mg/kg BW |
| CAS: 108-88-3<br>EC: 203-625-9<br>REACH: 01-2119471310-51<br><br>TOLUENE      |                               | inhalation: ATE = 25.7 mg/l 4h<br>(vapours)<br>oral: ATE = 5580 mg/kg BW                                 |

**Information on ingredients :**

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

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

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

**SECTION 4 : FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

**4.1. description of first aid measures****In the event of exposure by inhalation :**

In the event of massive inhalation, remove the person exposed to fresh air. Keep warm and at rest.

If the person is unconscious, place in recovery position. Notify a doctor in all events, to ascertain whether observation and supportive hospital care will be necessary.

If breathing is irregular or has stopped, effect mouth-to-mouth resuscitation and call a doctor.

**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 :**

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 area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

**In the event of swallowing :**

Do not give the patient anything orally.

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

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

Seek medical attention immediately, showing the label.

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

If swallowed accidentally, do not allow to drink, do not induce vomiting and transfer to hospital immediately by ambulance. Show the label to the doctor.

**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 inhaling the vapors.

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Avoid any contact with the skin and eyes.

If a large quantity has been spilt, evacuate all personnel and only allow intervention by trained operators equipped with safety apparatus.

**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.

If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

Use drums to dispose of collected waste in compliance with current regulations (see section 13).

**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.

Remove contaminated clothing and protective equipment before entering eating 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.

Never inhale this mixture.

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.

Avoid inhaling vapors. Carry out any industrial operation which may give rise to this in a sealed apparatus.

Provide vapor extraction at the emission source and also general ventilation of the premises.

Also provide breathing apparatus for certain short tasks of an exceptional nature and for emergency interventions.

In all cases, recover emissions at source.

Avoid skin and eye contact with this mixture.

Avoid exposure - obtain special instructions before use.

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.

Never open the packages under pressure.

**7.2. Conditions for safe storage, including any incompatibilities**

No data available.

**DILUANT D225 POUR SL2/V2 (PISTOLET) - 6905000100****Storage**

Keep out of reach of children.

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

Keep away from food and drink, including those for animals.

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

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

Avoid accumulation of electrostatic charges.

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

**Packaging**

Always keep in packaging made of an identical material to the original.

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

No data available.

**SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters****Occupational exposure limits :**

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

| CAS       | VME-mg/m <sup>3</sup> : | VME-ppm : | VLE-mg/m <sup>3</sup> : | VLE-ppm : | Notes : |
|-----------|-------------------------|-----------|-------------------------|-----------|---------|
| 78-93-3   | 600                     | 200       | 900                     | 300       | -       |
| 1330-20-7 | 221                     | 50        | 442                     | 100       | Peau    |
| 100-41-4  | 442                     | 100       | 884                     | 200       | Peau    |
| 108-88-3  | 192                     | 50        | 384                     | 100       | Peau    |

- Germany - AGW (BAuA - TRGS 900, 02/2022) :

| CAS       | VME : | VME :                            | Excess | Notes |
|-----------|-------|----------------------------------|--------|-------|
| 78-93-3   |       | 200 ppm<br>600 mg/m <sup>3</sup> |        | 1(I)  |
| 1330-20-7 |       | 50 ppm<br>220 mg/m <sup>3</sup>  |        | 2(II) |
| 100-41-4  |       | 20 ppm<br>88 mg/m <sup>3</sup>   |        | 2(II) |
| 108-88-3  |       | 50 ppm<br>190 mg/m <sup>3</sup>  |        | 2(II) |

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

| CAS       | VME-ppm : | VME-mg/m <sup>3</sup> : | VLE-ppm : | VLE-mg/m <sup>3</sup> : | Notes : | TMP No :     |
|-----------|-----------|-------------------------|-----------|-------------------------|---------|--------------|
| 78-93-3   | 200       | 600                     | 300       | 900                     | *       | 84           |
| 1330-20-7 | 50        | 221                     | 100       | 442                     | *       | 4 Bis. 84. * |
| 100-41-4  | 20        | 88.4                    | 100       | 442                     | *       | 84           |
| 108-88-3  | 20        | 76.8                    | 100       | 384                     | R2. *   | 4bis.84      |

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

| CAS       | TWA :                            | STEL :                           | Ceiling : | Definition : | Criteria : |
|-----------|----------------------------------|----------------------------------|-----------|--------------|------------|
| 78-93-3   | 200 ppm<br>600 mg/m <sup>3</sup> | 300 ppm<br>899 mg/m <sup>3</sup> |           | Sk. BMGV     |            |
| 1330-20-7 | 50 ppm<br>220 mg/m <sup>3</sup>  | 100 ppm<br>441 mg/m <sup>3</sup> |           | Sk. BMGV     |            |
| 100-41-4  | 100 ppm<br>441 mg/m <sup>3</sup> | 125 ppm<br>552 mg/m <sup>3</sup> |           | Sk           |            |
| 108-88-3  | 50 ppm<br>191 mg/m <sup>3</sup>  | 100 ppm<br>384 mg/m <sup>3</sup> |           | Sk           |            |

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

TOLUENE (CAS: 108-88-3)

**DILUANT D225 POUR SL2/V2 (PISTOLET) - 6905000100****Final use:**

Exposure method:  
Potential health effects:  
DNEL :

Exposure method:  
Potential health effects:  
DNEL :

Exposure method:  
Potential health effects:  
DNEL :

Exposure method:  
Potential health effects:  
DNEL :

Exposure method:  
Potential health effects:  
DNEL :

**Final use:**

Exposure method:  
Potential health effects:  
DNEL :

Exposure method:  
Potential health effects:  
DNEL :

Exposure method:  
Potential health effects:  
DNEL :

Exposure method:  
Potential health effects:  
DNEL :

Exposure method:  
Potential health effects:  
DNEL :

Exposure method:  
Potential health effects:  
DNEL :

**Workers.**

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

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

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

Inhalation.  
Short term systemic effects.  
384 mg of substance/m3

Inhalation.  
Short term local effects.  
384 mg of substance/m3

**Consumers.**

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

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

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

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

Inhalation.  
Short term systemic effects.  
226 mg of substance/m3

Inhalation.  
Short term local effects.  
226 mg of substance/m3

**ETHYLBENZENE (CAS: 100-41-4)****Final use:**

Exposure method:  
Potential health effects:  
DNEL :

Exposure method:  
Potential health effects:

**Workers.**

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

Inhalation.  
Short term local effects.

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DNEL : 293 mg of substance/m3

Exposure method: Inhalation.  
Potential health effects: Long term systemic effects.  
DNEL : 77 mg of substance/m3

**Final use:**

Exposure method: **Consumers.**  
Potential health effects: Ingestion.  
DNEL : Long term systemic effects.  
1.6 mg/kg body weight/day

Exposure method: Inhalation.  
Potential health effects: Long term systemic effects.  
DNEL : 15 mg of substance/m3

**XYLENE (CAS: 1330-20-7)****Final use:**

Exposure method: **Workers.**  
Potential health effects: Dermal contact.  
DNEL : Long term systemic effects.  
180 mg/kg body weight/day

Exposure method: Inhalation.  
Potential health effects: Short term systemic effects.  
DNEL : 289 mg of substance/m3

Exposure method: Inhalation.  
Potential health effects: Short term local effects.  
DNEL : 289 mg of substance/m3

Exposure method: Inhalation.  
Potential health effects: Long term systemic effects.  
DNEL : 77 mg of substance/m3

**Final use:**

Exposure method: **Consumers.**  
Potential health effects: Ingestion.  
DNEL : Long term systemic effects.  
1.6 mg/kg body weight/day

Exposure method: Dermal contact.  
Potential health effects: Long term systemic effects.  
DNEL : 108 mg/kg body weight/day

Exposure method: Inhalation.  
Potential health effects: Short term systemic effects.  
DNEL : 174 mg of substance/m3

Exposure method: Inhalation.  
Potential health effects: Short term local effects.  
DNEL : 174 mg of substance/m3

Exposure method: Inhalation.  
Potential health effects: Long term systemic effects.  
DNEL : 14.8 mg of substance/m3

**BUTANONE (CAS: 78-93-3)**



**DILUANT D225 POUR SL2/V2 (PISTOLET) - 6905000100****Final use:**

Exposure method:  
Potential health effects:  
DNEL :

Exposure method:  
Potential health effects:  
DNEL :

**Final use:**

Exposure method:  
Potential health effects:  
DNEL :

Exposure method:  
Potential health effects:  
DNEL :

Exposure method:  
Potential health effects:  
DNEL :

**Workers.**

Dermal contact.  
Long term systemic effects.  
1161 mg/kg body weight/day

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

**Consumers.**

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

Dermal contact.  
Short term local effects.  
412 mg/kg body weight/day

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

**Predicted no effect concentration (PNEC):****TOLUENE (CAS: 108-88-3)**

Environmental compartment:  
PNEC :

Soil.  
2.89 mg/kg

Environmental compartment:  
PNEC :

Fresh water.  
0.68 mg/l

Environmental compartment:  
PNEC :

Sea water.  
0.68 mg/l

Environmental compartment:  
PNEC :

Intermittent waste water.  
0.68 µg/l

Environmental compartment:  
PNEC :

Fresh water sediment.  
16.39 mg/kg

Environmental compartment:  
PNEC :

Marine sediment.  
16.39 mg/kg

Environmental compartment:  
PNEC :

Waste water treatment plant.  
13.61 mg/l

**XYLENE (CAS: 1330-20-7)**

Environmental compartment:  
PNEC :

Soil.  
2.31 mg/kg

Environmental compartment:  
PNEC :

Fresh water.  
0.327 mg/l

Environmental compartment:  
PNEC :

Sea water.  
0.327 mg/l

**DILUANT D225 POUR SL2/V2 (PISTOLET) - 6905000100**

|                                      |   |
|--------------------------------------|---|
| Environmental compartment:<br>PNEC : | Intermittent waste water.<br>0.327 mg/l   |
| Environmental compartment:<br>PNEC : | Fresh water sediment.<br>12.46 mg/kg      |
| Environmental compartment:<br>PNEC : | Marine sediment.<br>12.46 mg/kg           |
| Environmental compartment:<br>PNEC : | Waste water treatment plant.<br>6.58 mg/l |

**BUTANONE (CAS: 78-93-3)**

|                                      |  |
|--------------------------------------|--|
| Environmental compartment:<br>PNEC : | Soil.<br>22.5 mg/kg                      |
| Environmental compartment:<br>PNEC : | Fresh water.<br>55.8 mg/l                |
| Environmental compartment:<br>PNEC : | Sea water.<br>55.8 mg/l                  |
| Environmental compartment:<br>PNEC : | Intermittent waste water.<br>55.8 mg/l   |
| Environmental compartment:<br>PNEC : | Waste water treatment plant.<br>709 mg/l |

**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 :

- PVA (Polyvinyl alcohol)

**DILUANT D225 POUR SL2/V2 (PISTOLET) - 6905000100****- 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**

Avoid inhaling vapors.

If the ventilation is insufficient, wear appropriate breathing apparatus.

When workers are confronted with concentrations that are above occupational exposure limits, they must wear a suitable, approved, respiratory protection device.

Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387 :

- A1 (Brown)

- A3 (Brown)

**SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties****Physical state**

Physical state : Fluid liquid.

**Colour**

colour : N/A

**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 : > 35°C

**Flammability**

Flammability (solid, gas) : Not stated.

**Lower and upper explosion limit**

Explosive properties, lower explosivity limit (%) Not stated.

:

Explosive properties, upper explosivity limit (%) Not stated.

:

**Flash point**

Flash Point : -4.00 °C.

**Auto-ignition temperature**

Self-ignition temperature : Not specified.

**Decomposition temperature**

Decomposition point/decomposition range : Not specified.

**pH**

pH : Not relevant.

pH (aqueous solution) : Not stated.

**Kinematic viscosity**

Viscosity : Not stated.

Viscosity:  $\nu < 7 \text{ mm}^2/\text{s}$  (40°C)

**DILUANT D225 POUR SL2/V2 (PISTOLET) - 6905000100****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 : 0.84

**Relative vapour density**

Vapour density : Not stated.

**Particle characteristics**

The mixture does not contain nanoforms.

**9.2. Other information**

VOC (g/l) : 840.00

**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 (CO<sub>2</sub>)

**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.

May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours.

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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.

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

Respiratory tract irritation may occur, together with symptoms such as coughing, choking and breathing difficulties.

Narcotic effects may occur, such as drowsiness, narcosis, decreased alertness, loss of reflexes, lack of coordination or dizziness.

Effects may also occur in the form of violent headaches or nausea, judgement disorder, giddiness, irritability, fatigue or memory disturbance.

May cause severe damage to organs in the event of repeated or prolonged exposure.

Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.

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

TOLUENE (CAS: 108-88-3)

Oral route :

LD50 = 5580 mg/kg bodyweight/day

Species : Rat

OECD Guideline 401 (Acute Oral Toxicity)

Dermal route :

LD50 > 5000 mg/kg bodyweight/day

Species : Rabbit

Inhalation route (Vapours) :

LC50 = 25.7 mg/l

Species : Rat

OECD Guideline 403 (Acute Inhalation Toxicity)

Duration of exposure : 4 h

ETHYLBENZENE (CAS: 100-41-4)

Oral route :

LD50 = 3500 mg/kg bodyweight/day

Species : Rat

Dermal route :

LD50 = 15400 mg/kg bodyweight/day

Species : Rabbit

Inhalation route (Vapours) :

LC50 = 17.2 mg/l

Species : Rat

Duration of exposure : 4 h

XYLENE (CAS: 1330-20-7)

Oral route :

LD50 = 3523 mg/kg bodyweight/day

Species : Rat

Species : Rabbit

BUTANONE (CAS: 78-93-3)

Oral route :

LD50 > 2193 mg/kg bodyweight/day

Species : Rat

OECD Guideline 423 (Acute Oral toxicityAcute Toxic Class Method)

Dermal route :

LD50 > 5000 mg/kg bodyweight/day

Species : Rabbit

OECD Guideline 402 (Acute Dermal Toxicity)

Inhalation route (Vapours) :

LC50 = 34 mg/l

Species : Rat

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Duration of exposure : 4 h

**Skin corrosion/skin irritation :**

TOLUENE (CAS: 108-88-3)

Irritation :

Causes skin irritation.

2.3 &lt;= Average score &lt;= 4.0

Species : Rabbit

OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

BUTANONE (CAS: 78-93-3)

Species : Rabbit

OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

**Respiratory or skin sensitisation :**

TOLUENE (CAS: 108-88-3)

Guinea Pig Maximisation Test (GMPT) :

Non-sensitiser.

OECD Guideline 406 (Skin Sensitisation)

BUTANONE (CAS: 78-93-3)

Guinea Pig Maximisation Test (GMPT) :

Non-sensitiser.

Species : Others

Buehler Test :

Non-sensitiser.

Species : Others

OECD Guideline 406 (Skin Sensitisation)

XYLENE (CAS: 1330-20-7)

Local lymph node stimulation test :

Non-Sensitiser.

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

**Germ cell mutagenicity :**

BUTANONE (CAS: 78-93-3)

No mutagenic effect.

Mutagenesis (in vivo) :

Negative.

OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

Mutagenesis (in vitro) :

Negative.

OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)

**Carcinogenicity :**

BUTANONE (CAS: 78-93-3)

Carcinogenicity Test :

Negative.

No carcinogenic effect.

**Specific target organ systemic toxicity - repeated exposure :**

BUTANONE (CAS: 78-93-3)

Inhalation route :

C = 5041 ppmV/6h/day

Species : Rat

Duration of exposure : 90 days

OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day)

**11.1.2. Mixture**

**DILUANT D225 POUR SL2/V2 (PISTOLET) - 6905000100****Aspiration hazard :**

May be fatal if swallowed and enters airways.

Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.

**11.2. Information on other hazards****Monograph(s) from the IARC (International Agency for Research on Cancer) :**

CAS 108-88-3 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 100-41-4 : IARC Group 2B : The agent is possibly carcinogenic to humans.

CAS 1330-20-7 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

**SECTION 12 : ECOLOGICAL INFORMATION**

Harmful to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

**12.1. Toxicity****12.1.1. Substances****ETHYLBENZENE (CAS: 100-41-4)**

Fish toxicity :

LC50 = 32 mg/l

Species : *Lepomis macrochirus*

Duration of exposure : 96 h

NOEC = 3.3 mg/l

Species : *Menidia menidia*

Duration of exposure : 96 h

Crustacean toxicity :

EC50 = 2.4 mg/l

Species : *Daphnia magna*

Duration of exposure : 48 h

Algae toxicity :

ECr50 = 5.4 mg/l

Species : *Pseudokirchnerella subcapitata*

Duration of exposure : 72 h

NOEC = 3.4 mg/l

Species : *Pseudokirchnerella subcapitata*

Duration of exposure : 72 h

**XYLENE (CAS: 1330-20-7)**

Fish toxicity :

LC50 = 2.6 mg/l

Species : *Oncorhynchus mykiss*

Duration of exposure : 96 h

OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity :

Species : *Daphnia magna*

Algae toxicity :

ECr50 = 2.2 mg/l

Species : *Pseudokirchnerella subcapitata*

Duration of exposure : 72 h

OECD Guideline 201 (Alga, Growth Inhibition Test)

NOEC = 0.44 mg/l

Species : *Pseudokirchnerella subcapitata*

Duration of exposure : 72 h

OECD Guideline 201 (Alga, Growth Inhibition Test)

**BUTANONE (CAS: 78-93-3)**

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|                         |   |
|-------------------------|---|
| Fish toxicity :         | LC50 = 2993 mg/l<br>Species : Pimephales promelas<br>Duration of exposure : 96 h<br>OECD Guideline 203 (Fish, Acute Toxicity Test)                |
| Crustacean toxicity :   | EC50 = 308 mg/l<br>Species : Daphnia magna<br>Duration of exposure : 48 h<br>OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)           |
| Algae toxicity :        | ECr50 = 1972 mg/l<br>Species : Pseudokirchnerella subcapitata<br>Duration of exposure : 72 h<br>OECD Guideline 201 (Alga, Growth Inhibition Test) |
| TOLUENE (CAS: 108-88-3) |   |
| Fish toxicity :         | LC50 = 5.5 mg/l<br>Species : Oncorhynchus mykiss<br>Duration of exposure : 96 h   |
| Crustacean toxicity :   | EC50 = 3.78 mg/l<br>Species : Ceriodaphnia dubia<br>Duration of exposure : 48 h   |
| Algae toxicity :        | ECr50 = 134 mg/l<br>Species : Chlamydomonas reinhardtii<br>Duration of exposure : 3 h   |

**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

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

|                              |                     |
|------------------------------|---------------------|
| TOLUENE (CAS: 108-88-3)      |                     |
| Biodegradability :           | Rapidly degradable. |
| ETHYLBENZENE (CAS: 100-41-4) |                     |
| Biodegradability :           | Rapidly degradable. |
| XYLENE (CAS: 1330-20-7)      |                     |
| Biodegradability :           | Rapidly degradable. |
| BUTANONE (CAS: 78-93-3)      |                     |
| Biodegradability :           | Rapidly degradable. |

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

|                                       |                           |
|---------------------------------------|---------------------------|
| BUTANONE (CAS: 78-93-3)               |                           |
| Octanol/water partition coefficient : | log K <sub>ow</sub> = 0.3 |

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

No data available.



**DILUANT D225 POUR SL2/V2 (PISTOLET) - 6905000100****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 2 : 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.

**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**

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**

II

**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   | II       | 3     | 33     | 5 L | 163 367 640D 650 | E2 | 2    | D/E    |

| IMDG | Class | 2°Label | Pack gr. | LQ  | EMS      | Provis. | EQ | Stowage Handling | Segregation |
|------|-------|---------|----------|-----|----------|---------|----|------------------|-------------|
|      | 3     | -       | II       | 5 L | F-E. S-E | 163 367 | E2 | Category B       | -           |

| IATA | Class | 2°Label | Pack gr. | Passager | Passager | Cargo | Cargo | note        | EQ |
|------|-------|---------|----------|----------|----------|-------|-------|-------------|----|
|      | 3     | -       | II       | 353      | 5 L      | 364   | 60 L  | A3 A72 A192 | E2 |
|      | 3     | -       | II       | Y341     | 1 L      | -     | -     | A3 A72 A192 | E2 |

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

**DILUANT D225 POUR SL2/V2 (PISTOLET) - 6905000100**

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. 2020/217 (ATP 14)

**Container information:**

Packaging to be fitted with child-resistant fastenings (see EC Regulation No. 1272/2008, Annex II, Part 3).

Containers to be fitted with a tactile warning of danger (see EC Regulation No. 1272/2008, Annex II, Part 3).

**Restrictions applied under Title VIII of Regulation (EC) No. 1907/2006 (REACH):**

The mixture does not contain any substance restricted under Annex XVII of Regulation (EC) No. 1907/2006 (REACH):  
<https://echa.europa.eu/substances-restricted-under-reach>.

**Explosives precursors :**

The mixture does not contain any substance subject to Regulation (EU) 2019/1148 on the marketing and use of explosives precursors.

**Particular provisions :**

No data available.

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

WGK 2 : 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 :**

|        |   |
|--------|---|
| H225   | Highly flammable liquid and vapour.                                 |
| H226   | Flammable liquid and vapour.  |
| H304   | May be fatal if swallowed and enters airways.                       |
| H312   | Harmful in contact with skin.                                       |
| H315   | Causes skin irritation.   |
| H319   | Causes serious eye irritation.                                      |
| H332   | Harmful if inhaled.   |
| H335   | May cause respiratory irritation.                                   |
| H336   | May cause drowsiness or dizziness.                                  |
| H361d  | Suspected of damaging the unborn child.                             |
| H373   | May cause damage to organs through prolonged or repeated exposure . |
| H412   | Harmful 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.

NOEC : The concentration with no observed effect.

**DILUANT D225 POUR SL2/V2 (PISTOLET) - 6905000100**

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

ATE : Acute Toxicity Estimate

BW : Body Weight

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

CMR: Carcinogenic, mutagenic or reprotoxic.

UFI : Unique formulation identifier.

STEL : Short-term exposure limit

TWA : Time Weighted Averages

TMP : French Occupational Illness table

TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

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

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

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

WGK : Wassergefährdungsklasse (Water Hazard Class).

GHS02 : Flame

GHS07 : Exclamation mark

GHS08 : Health hazard

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.