

**Safety Data Sheet**

according to UK REACH Regulation

**DINITROL 520**

Revision date: 12.11.2025

Product code: 10520

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking**
**1.1. Product identifier**

DINITROL 520

UFI: X64X-Q0YS-W00H-PPVQ

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

Adhesion promoter

**Uses advised against**

No further relevant information available.

**1.3. Details of the supplier of the safety data sheet**
**Manufacturer**

|                         |                      |                                |
|-------------------------|----------------------|--------------------------------|
| Company name:           | DINOL GmbH           |                                |
| Street:                 | Pyrmonter Strasse 76 |                                |
| Place:                  | D-32676 Luegde       |                                |
| Telephone:              | + 49 (0) 5281 982980 | Telefax: + 49 (0) 5281 9829860 |
| E-mail:                 | msds@dinol.com       |                                |
| Contact person:         | Labor                |                                |
| Internet:               | www.dinol.com        |                                |
| Responsible Department: | msds@dinol.com       |                                |

**Supplier**

|               |                                  |
|---------------|----------------------------------|
| Company name: | Leading Solvent Supplies Limited |
| Street:       | Marston Business Park, Rudgate   |
| Place:        | GB Tockwith, York YO26 7QF       |
| E-mail:       | enquiries@leading-solvents.co.uk |
| Internet:     | www.leading-solvents.co.uk       |

**1.4. Emergency telephone number:**

Giftnotruf Berlin: +49 30 30686 700 (Beratung in Deutsch und Englisch)

**SECTION 2: Hazards identification**
**2.1. Classification of the substance or mixture**
**GB CLP Regulation**

Flam. Liq. 2; H225  
 Skin Irrit. 2; H315  
 Eye Irrit. 2; H319  
 Skin Sens. 1; H317

Full text of hazard statements: see SECTION 16.

**2.2. Label elements**
**GB CLP Regulation**
**Hazard components for labelling**

3-trimethoxysilylpropane-1-thiol  
 3-aminopropyltriethoxysilane

**Signal word:** Danger

**Pictograms:**


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**Hazard statements**

|      |                                      |
|------|--------------------------------------|
| H225 | Highly flammable liquid and vapour.  |
| H315 | Causes skin irritation.              |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation.       |

**Precautionary statements**

|                |  |
|----------------|--|
| P210           | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.                                   |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.                                    |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.                           |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P403+P235      | Store in a well-ventilated place. Keep cool.   |

**Special labelling of certain mixtures**

Restricted to professional users.

**Labelling of packages where the contents do not exceed 125 ml**
**Signal word:** Danger

**Pictograms:**

**Hazard statements**

H317

**Precautionary statements**

P280

**2.3. Other hazards**

No information available.

**SECTION 3: Composition/information on ingredients**
**3.2. Mixtures**

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**Relevant ingredients**

| CAS No    | Chemical name  |              |                  | Quantity    |
|-----------|--|--------------|------------------|-------------|
|           | EC No  | Index No     | REACH No         |             |
|           | Classification (GB CLP Regulation)                             |              |                  |             |
| 64-17-5   | ethanol; ethyl alcohol   |              |                  | 50 - 100 %  |
|           | 200-578-6  | 603-002-00-5 | 01-2119457610-43 |             |
|           | Flam. Liq. 2; H225   |              |                  |             |
| 67-63-0   | isopropanol (isopropyl alcohol)                                |              |                  | 5 - < 10 %  |
|           | 200-661-7  | 603-117-00-0 | 01-2119457558-25 |             |
|           | Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336          |              |                  |             |
| 4420-74-0 | 3-trimethoxysilylpropane-1-thiol                               |              |                  | 1 - < 2,5 % |
|           | 224-588-5  |              | 01-2120763539-41 |             |
|           | Acute Tox. 4, Skin Sens. 1B, Aquatic Chronic 2; H302 H317 H411 |              |                  |             |
| 919-30-2  | 3-aminopropyltriethoxysilane                                   |              |                  | 1 - < 5 %   |
|           | 213-048-4  | 612-108-00-0 | 01-2119480479-24 |             |
|           | Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1; H302 H314 H317      |              |                  |             |

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

**Specific Conc. Limits, M-factors and ATE**

| CAS No    | EC No     | Chemical name  | Quantity    |
|-----------|-----------|--|-------------|
|           |           | Specific Conc. Limits, M-factors and ATE   |             |
| 64-17-5   | 200-578-6 | ethanol; ethyl alcohol   | 50 - 100 %  |
|           |           | inhalation: LC50 = 20000 mg/l (vapours); oral: LD50 = 7060 mg/kg                                   |             |
| 67-63-0   | 200-661-7 | isopropanol (isopropyl alcohol)  | 5 - < 10 %  |
|           |           | inhalation: LC50 = 72,6 mg/l (vapours); dermal: LD50 = 12800 mg/kg; oral: LD50 = 4700 - 5500 mg/kg |             |
| 4420-74-0 | 224-588-5 | 3-trimethoxysilylpropane-1-thiol   | 1 - < 2,5 % |
|           |           | dermal: LD50 = 2268 mg/kg; oral: LD50 = 774 mg/kg  |             |
| 919-30-2  | 213-048-4 | 3-aminopropyltriethoxysilane   | 1 - < 5 %   |
|           |           | dermal: LD50 = 4080 mg/kg; oral: LD50 = 1500 mg/kg   |             |

**Further Information**

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

**SECTION 4: First aid measures**
**4.1. Description of first aid measures**
**General information**

In all cases of doubt, or when symptoms persist, seek medical advice.

Never give anything by mouth to an unconscious person or a person with cramps.

If unconscious but breathing normally, place in recovery position and seek medical advice.

**After inhalation**

Remove casualty to fresh air and keep warm and at rest.

**After contact with skin**

Change contaminated clothing.

After contact with skin, wash immediately with plenty of water and soap.

**After contact with eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. Seek medical advice immediately.

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### After ingestion

- If swallowed, rinse mouth with water (only if the person is conscious).
- Do NOT induce vomiting.
- Call a physician immediately.
- Put victim at rest, cover with a blanket and keep warm.

### 4.2. Most important symptoms and effects, both acute and delayed

No information available.

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

No information available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

alcohol resistant foam, Carbon dioxide (CO<sub>2</sub>), Extinguishing powder. Water fog.

#### Unsuitable extinguishing media

High power water jet.

### 5.2. Special hazards arising from the substance or mixture

No further relevant information available.

#### Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### General advice

- Provide adequate ventilation.
- Wear personal protection equipment.
- Avoid contact with skin, eyes and clothes.
- Avoid breathing dust/fume/gas/mist/vapours/spray.

#### For emergency responders

For further specification, refer to section 8 of the SDS.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

### 6.3. Methods and material for containment and cleaning up

#### For containment

- Prevent spread over a wide area (e.g. by containment or oil barriers).
- Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).
- Treat the recovered material as prescribed in the section on waste disposal.

#### For cleaning up

- Provide adequate ventilation.
- Clear contaminated areas thoroughly.
- Do not rinse down with water.

#### Other information

No information available.

### 6.4. Reference to other sections

- Safe handling: see section 7
- Personal protection equipment: see section 8
- Disposal: see section 13

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**SECTION 7: Handling and storage**
**7.1. Precautions for safe handling**
**Advice on safe handling**

If handled uncovered, arrangements with local exhaust ventilation have to be used.

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

**Advice on general occupational hygiene**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from food, drink and animal feedingstuffs. Remove contaminated, saturated clothing immediately.

Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

**7.2. Conditions for safe storage, including any incompatibilities**
**Requirements for storage rooms and vessels**

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

**Hints on joint storage**

Not required.

**Further information on storage conditions**

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

maximum storage temperature : < 40 °C

minimum storage temperature : > 4 °C

storage temperature: : 4 - 40 °C

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

No further relevant information available.

**SECTION 8: Exposure controls/personal protection**
**8.1. Control parameters**
**Exposure limits (EH40)**

| CAS No  | Substance   | ppm  | mg/m <sup>3</sup> | fibres/ml | Category      | Origin |
|---------|-------------|------|-------------------|-----------|---------------|--------|
| 64-17-5 | Ethanol     | 1000 | 1920              |           | TWA (8 h)     | WEL    |
| 67-63-0 | Propan-2-ol | 400  | 999               |           | TWA (8 h)     | WEL    |
|         |             | 500  | 1250              |           | STEL (15 min) | WEL    |

**DNEL/DMEL values**

| CAS No                   | Substance                       | Exposure route | Effect   | Value                 |
|--------------------------|---------------------------------|----------------|----------|-----------------------|
| 67-63-0                  | isopropanol (isopropyl alcohol) |                |          |                       |
| Consumer DNEL, long-term |                                 | inhalation     | systemic | 89 mg/m <sup>3</sup>  |
| Consumer DNEL, long-term |                                 | dermal         | systemic | 319 mg/kg bw/day      |
| Consumer DNEL, long-term |                                 | oral           | systemic | 26 mg/kg bw/day       |
| Worker DNEL, long-term   |                                 | dermal         | systemic | 888 mg/kg bw/day      |
| Worker DNEL, long-term   |                                 | inhalation     | systemic | 500 mg/m <sup>3</sup> |

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**PNEC values**

| CAS No   | Substance                       |            |
|--|---------------------------------|------------|
| Environmental compartment                        |                                 | Value      |
| 67-63-0  | isopropanol (isopropyl alcohol) |            |
| Freshwater                                       |                                 | 140,9 mg/l |
| Marine water                                     |                                 | 140,9 mg/l |
| Freshwater sediment                              |                                 | 552 mg/kg  |
| Marine sediment                                  |                                 | 552 mg/kg  |
| Secondary poisoning                              |                                 | 160 mg/kg  |
| Micro-organisms in sewage treatment plants (STP) |                                 | 2251 mg/l  |
| Soil   |                                 | 28 mg/kg   |

**8.2. Exposure controls**

**Appropriate engineering controls**

Provide adequate ventilation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

**Individual protection measures, such as personal protective equipment**
**Eye/face protection**

Eye glasses with side protection (DIN EN 166)

**Hand protection**

Tested protective gloves must be worn (EN ISO 374):

FKM (fluoro rubber) penetration time (maximum wearing period): 480 min.

NBR (Nitrile rubber) penetration time (maximum wearing period): 480 min.

Thickness of the glove material : > 0,12 mm

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Protective gloves have to be replaced at the first sign of deterioration.

Protect skin by using skin protective cream.

**Skin protection**

Wear anti-static footwear and clothing

**Respiratory protection**

Work in well-ventilated zones or use proper respiratory protection.

gas filtering equipment (EN 141). Filter material/medium : A

**SECTION 9: Physical and chemical properties**
**9.1. Information on basic physical and chemical properties**

|   |                |                |
|---|----------------|----------------|
| Physical state:   | Liquid         |                |
| Colour:   | colourless     |                |
| Odour:  | characteristic |                |
| Odour threshold:  | not determined |                |
| Melting point/freezing point:                             |                | not determined |
| Boiling point or initial boiling point and boiling range: |                | 78 °C          |

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|  |                       |
|--|-----------------------|
| Flammability:                          | not applicable        |
| Lower explosion limits:                | 3,5 vol. %            |
| Upper explosion limits:                | 15 vol. %             |
| Flash point:                           | 12 °C                 |
| Auto-ignition temperature:             | 425 °C                |
| Decomposition temperature:             | not applicable        |
| pH-Value:                              | not determined        |
| Viscosity / kinematic:                 | not determined        |
| Water solubility:                      | not determined        |
| Solubility in other solvents           | not determined        |
| Partition coefficient n-octanol/water: | not determined        |
| Vapour pressure:                       | 59 hPa                |
| (at 20 °C)                             |                       |
| Density (at 20 °C):                    | 0,8 g/cm <sup>3</sup> |
| Relative vapour density:               | not determined        |
| Particle characteristics:              | not applicable        |

#### **9.2. Other information**

##### **Information with regard to physical hazard classes**

Explosive properties

not determined

Oxidizing properties

not determined

##### **Other safety characteristics**

Solvent content:

96,5 %

Softening point:

not determined

Viscosity / dynamic:

not determined

##### **Further Information**

No information available.

### **SECTION 10: Stability and reactivity**

#### **10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

#### **10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

#### **10.3. Possibility of hazardous reactions**

No known hazardous reactions.

#### **10.4. Conditions to avoid**

No further relevant information available.

#### **10.5. Incompatible materials**

Oxidising agent, strong

#### **10.6. Hazardous decomposition products**

No known hazardous decomposition products.

### **SECTION 11: Toxicological information**

#### **11.1. Information on hazard classes as defined in GB CLP Regulation**

##### **Acute toxicity**

Based on available data, the classification criteria are not met.

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**ATEmix tested**

|            | Dose         | Species | Source |
|------------|--------------|---------|--------|
| LD50, oral | 30.111 mg/kg | Rat     |        |

**ATEmix calculated**

ATE (dermal) &gt; 2000 mg/kg; ATE (inhalation vapour) &gt; 20 mg/l; ATE (inhalation dust/mist) &gt; 5 mg/l

| CAS No    | Chemical name                    |                        |         |        |        |
|-----------|----------------------------------|------------------------|---------|--------|--------|
|           | Exposure route                   | Dose                   | Species | Source | Method |
| 64-17-5   | ethanol; ethyl alcohol           |                        |         |        |        |
|           | oral                             | LD50 7060 mg/kg        | Rat     |        |        |
|           | inhalation (4 h) vapour          | LC50 20000 mg/l        | Rat     |        |        |
| 67-63-0   | isopropanol (isopropyl alcohol)  |                        |         |        |        |
|           | oral                             | LD50 4700 - 5500 mg/kg | Rat     |        |        |
|           | dermal                           | LD50 12800 mg/kg       | Rabbit  |        |        |
|           | inhalation (4 h) vapour          | LC50 72,6 mg/l         | Rat     |        |        |
| 4420-74-0 | 3-trimethoxysilylpropane-1-thiol |                        |         |        |        |
|           | oral                             | LD50 774 mg/kg         | Rat     |        |        |
|           | dermal                           | LD50 2268 mg/kg        | Rat     |        |        |
| 919-30-2  | 3-aminopropyltriethoxysilane     |                        |         |        |        |
|           | oral                             | LD50 1500 mg/kg        | Rat     |        |        |
|           | dermal                           | LD50 4080 mg/kg        | Rabbit  |        |        |

**Irritation and corrosivity**

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/eye irritation: Causes serious eye irritation.

**Sensitising effects**

May cause an allergic skin reaction. (3-trimethoxysilylpropane-1-thiol; 3-aminopropyltriethoxysilane)

**Carcinogenic/mutagenic/toxic effects for reproduction**

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

**STOT-single exposure**

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Information on likely routes of exposure**

No information available.

**Specific effects in experiment on an animal**

No information available.

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**Additional information on tests**

No information available.

**Practical experience**

No information available.

**11.2. Information on other hazards**
**Endocrine disrupting properties**

Endocrine disrupting potential No information available.

**Further information**

There are no data available on the preparation/mixture itself.

**SECTION 12: Ecological information**
**12.1. Toxicity**

Based on available data, the classification criteria are not met.

| CAS No    | Chemical name                    |               |           |         |                            |        |
|-----------|----------------------------------|---------------|-----------|---------|----------------------------|--------|
|           | Aquatic toxicity                 | Dose          | [h]   [d] | Species | Source                     | Method |
| 64-17-5   | ethanol; ethyl alcohol           |               |           |         |                            |        |
|           | Acute fish toxicity              | LC50<br>mg/l  | 13000     | 96 h    | fish                       |        |
|           | Acute algae toxicity             | ErC50<br>mg/l | 5000      | 72 h    | alga                       |        |
|           | Acute crustacea toxicity         | EC50<br>mg/l  | 9300      | 48 h    | Daphnia magna              | IUCLID |
| 4420-74-0 | 3-trimethoxysilylpropane-1-thiol |               |           |         |                            |        |
|           | Acute algae toxicity             | ErC50         | 267 mg/l  | 72 h    |                            |        |
|           | Acute crustacea toxicity         | EC50          | 6,7 mg/l  | 48 h    |                            |        |
|           | Algae toxicity                   | NOEC          | 40 mg/l   | 72 d    |                            |        |
| 919-30-2  | 3-aminopropyltriethoxysilane     |               |           |         |                            |        |
|           | Acute algae toxicity             | ErC50         | 603 mg/l  | 72 h    | Desmodesmus<br>subspicatus |        |
|           | Acute crustacea toxicity         | EC50          | 331 mg/l  | 48 h    | Daphnia magna              |        |

**12.2. Persistence and degradability**

No further relevant information available.

**12.3. Bioaccumulative potential**

No further relevant information available.

**Partition coefficient n-octanol/water**

| CAS No   | Chemical name                   | Log Pow |
|----------|---------------------------------|---------|
| 64-17-5  | ethanol; ethyl alcohol          | -0,31   |
| 67-63-0  | isopropanol (isopropyl alcohol) | 0,05    |
| 919-30-2 | 3-aminopropyltriethoxysilane    | 0,31    |

**12.4. Mobility in soil**

No further relevant information available.

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

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

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No further relevant information available.

#### Further information

No further relevant information available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Disposal recommendations

Dispose of waste according to applicable legislation.

Do not mix with other wastes.

##### Contaminated packaging

Dispose according to legislation.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

|  |   |
|--|---|
| <b>14.1. UN number or ID number:</b>     | UN 1993   |
| <b>14.2. UN proper shipping name:</b>    | FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL), ISOPROPANOL (ISOPROPYL ALCOHOL)) |
| <b>14.3. Transport hazard class(es):</b> | 3   |
| <b>14.4. Packing group:</b>              | II  |
| Hazard label:                            | 3   |



|                          |              |
|--------------------------|--------------|
| Classification code:     | F1           |
| Special Provisions:      | 274 601 640D |
| Limited quantity:        | 1 L          |
| Excepted quantity:       | E2           |
| Transport category:      | 2            |
| Hazard No:               | 33           |
| Tunnel restriction code: | D/E          |

#### Inland waterways transport (ADN)

|  |   |
|--|---|
| <b>14.1. UN number or ID number:</b>     | UN 1993   |
| <b>14.2. UN proper shipping name:</b>    | FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL), ISOPROPANOL (ISOPROPYL ALCOHOL)) |
| <b>14.3. Transport hazard class(es):</b> | 3   |
| <b>14.4. Packing group:</b>              | II  |
| Hazard label:                            | 3   |



|                      |     |
|----------------------|-----|
| Classification code: | F1  |
| Limited quantity:    | 1 L |
| Excepted quantity:   | E2  |

#### Marine transport (IMDG)

|  |  |
|--|--|
| <b>14.1. UN number or ID number:</b>     | UN 1993  |
| <b>14.2. UN proper shipping name:</b>    | FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYLALCOHOL), ISOPROPANOL (ISOPROPYL ALCOHOL)) |
| <b>14.3. Transport hazard class(es):</b> | 3  |
| <b>14.4. Packing group:</b>              | II   |
| Hazard label:                            | 3  |

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|                    |          |
|--------------------|----------|
| Marine pollutant:  | no       |
| Limited quantity:  | 1 L      |
| Excepted quantity: | E2       |
| EmS:               | F-E, S-E |

**Air transport (ICAO-TI/IATA-DGR)**

|  |  |
|--|--|
| <b>14.1. UN number or ID number:</b>     | UN 1993  |
| <b>14.2. UN proper shipping name:</b>    | FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYLALCOHOL), ISOPROPANOL (ISOPROPYL ALCOHOL)) |
| <b>14.3. Transport hazard class(es):</b> | 3  |
| <b>14.4. Packing group:</b>              | II   |
| Hazard label:                            | 3  |



|  |      |
|--|------|
| Special Provisions:                    | A3   |
| Limited quantity Passenger:            | 1 L  |
| Passenger LQ:                          | Y341 |
| Excepted quantity:                     | E2   |
| IATA-packing instructions - Passenger: | 353  |
| IATA-max. quantity - Passenger:        | 5 L  |
| IATA-packing instructions - Cargo:     | 364  |
| IATA-max. quantity - Cargo:            | 60 L |

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

Warning : Flammable liquids

**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**
**EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

|   |                       |
|---|-----------------------|
| Directive 2004/42/EC on VOC in paints and varnishes:        | 96,52 %               |
| Information according to Directive 2012/18/EU (SEVESO III): | 772,1 g/l             |
|   | P5c FLAMMABLE LIQUIDS |

**Additional information**

Observe in addition any national regulations!

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

**National regulatory information**

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Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water hazard class (D): 1 - slightly hazardous to water

#### Additional information

This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: none

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### Changes

This data sheet contains changes from the previous version in section(s): 8,10,14,16.

#### Abbreviations and acronyms

Flam. Liq: Flammable liquids  
 Acute Tox: Acute toxicity  
 Skin Corr: Skin corrosion  
 Skin Irrit: Skin irritation  
 Eye Irrit: Eye irritation  
 Skin Sens: Skin sensitisation  
 STOT SE: Specific target organ toxicity - single exposure  
 Aquatic Chronic: Chronic aquatic hazard  
 ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service  
 LC50: Lethal concentration, 50%  
 LD50: Lethal dose, 50%

#### Classification for mixtures and used evaluation method according to GB CLP Regulation

| Classification      | Classification procedure |
|---------------------|--------------------------|
| Flam. Liq. 2; H225  | On basis of test data    |
| Skin Irrit. 2; H315 | Calculation method       |
| Eye Irrit. 2; H319  | Calculation method       |
| Skin Sens. 1; H317  | Calculation method       |

#### Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.  
 H302 Harmful if swallowed.  
 H314 Causes severe skin burns and eye damage.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness.  
 H411 Toxic to aquatic life with long lasting effects.

#### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product

**Safety Data Sheet**

according to UK REACH Regulation

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named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

This safety data sheet contains only safety-related information and does not replace product information or product specifications.

This safety data sheet complies with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

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*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*