



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: REACH Regulation (EC) No 1907/2006, as retained in UK law by (SI 2019/758 as amended)

**EVO-STIK GRIPFILL XTRA SOLVENT ADHESIVE**  
Supersedes date 07-Nov-2024

Revision date 23-Mar-2026  
Revision Number 3.03

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

### 1.1. Product identifier

Product Name EVO-STIK GRIPFILL XTRA SOLVENT ADHESIVE

Pure substance/mixture Mixture

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

Recommended use Adhesives

Uses advised against None known

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

#### Company Name

Bostik Limited  
Common Rd  
ST16 3EH  
Stafford UK  
Tel: +44 (1785) 27 26 25  
Fax: +44 (1785) 25 72 36

E-mail address SDS.box-EU@bostik.com

### 1.4. Emergency telephone number

United Kingdom Bostik: +44 (1785) 272650 (9am to 5pm Mon-Fri)  
NHS: 111

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

GB CLP (SI 2020/1567 as amended)

|  |                     |
|--|---------------------|
| Flammable liquids                                  | Category 2 - (H225) |
| Skin irritation                                    | Category 2 - (H315) |
| Specific target organ toxicity (single exposure)   | Category 3 - (H336) |
| Category 3 Target organ effects: Narcotic effects. |                     |
| Hazardous to the aquatic environment - chronic     | Category 2 - (H411) |

### 2.2. Label elements

Contains Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics; Hydrocarbons, C6, isoalkanes, <5% n-hexane



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## Signal word

Danger

## Hazard statements

H225 - Highly flammable liquid and vapour.  
H315 - Causes skin irritation.  
H336 - May cause drowsiness or dizziness.  
H411 - Toxic to aquatic life with long lasting effects.

## Precautionary Statements - EU (§28, 1272/2008)

P101 - If medical advice is needed, have product container or label at hand  
P102 - Keep out of reach of children  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
P264 - Wash face, hands and any exposed skin thoroughly after handling  
P273 - Avoid release to the environment  
P280 - Wear protective gloves and eye/face protection  
P391 - Collect spillage  
P501 - Dispose of contents/ container to an approved waste disposal plant

## Additional information

This product requires tactile warnings if supplied to the general public.

## 2.3. Other hazards

In use, may form flammable/explosive vapour-air mixture.

## PBT & vPvB

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

| Chemical name  | Weight-%   | REACH registration number | EC No. (Index No.)       | Classification according to Regulation (EC) No. 1272/2008 [CLP]   | Specific concentration limit (SCL) | M-Factor | M-Factor (long-term) | Notes |
|--|------------|---------------------------|--------------------------|---|------------------------------------|----------|----------------------|-------|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics RR-100219-3 | 10 - <20   | 01-2119475515-33-xxxx     | 927-510-4                | STOT SE 3 (H336)<br>Asp. Tox. 1 (H304)<br>Skin Irrit. 2 (H315)<br>Aquatic Chronic 2 (H411)<br>Flam. Liq. 2 (H225)             | -                                  | -        | -                    | -     |
| Hydrocarbons, C6, isoalkanes, <5% n-hexane 64742-49-0        | 5 - <10    | 01-2119484651-34-XXXX     | 931-254-9                | STOT SE 3 (H336)<br>Asp. Tox. 1 (H304)<br>Skin Irrit. 2 (H315)<br>Aquatic Chronic 2 (H411)<br>Flam Liq. 2 (H225) (EUH066) [E] | -                                  | -        | -                    | P     |
| Isopropyl alcohol 67-63-0                                    | 0.1 - <0.5 | 01-2119457558-25-XXXX     | 200-661-7 (603-117-00-0) | Flam. Liq. 2 (H225)<br>Eye Irrit. 2 (H319)<br>STOT SE 3 (H336)  | -                                  | -        | -                    | -     |
| n-Hexane contained   | 0.1 - <0.5 | -                         | 203-777-6                | Skin Irrit. 2 (H315)  | -                                  | -        | -                    | -     |

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|   |                |                           |                             |  |   |   |    |   |
|---|----------------|---------------------------|-----------------------------|--|---|---|----|---|
| in UVCB<br>110-54-3                             |                |                           | (601-037-00-0)              | Repr. 2 (H361 f)<br>STOT SE 3 (H336)<br>STOT RE 1 (H372)<br>Asp. Tox. 1 (H304)<br>Aquatic Chronic 2<br>(H411)<br>Flam. Liq. 2 (H225)               |   |   |    |   |
| Quartz<br>14808-60-7                            | 0.1 - <0.5     | [5]                       | 238-878-4                   | [B]  | - | - | -  | - |
| Zinc<br>bis(dibutyldithiocarbamate)<br>136-23-2 | 0.05 -<br><0.1 | 01-2119535161<br>-51-XXXX | 205-232-8<br>(006-081-00-9) | Skin Irrit. 2 (H315)<br>Eye Irrit. 2 (H319)<br>Skin Sens. 1 (H317)<br>STOT SE 3 (H335)<br>Aquatic Acute 1<br>(H400)<br>Aquatic Chronic 1<br>(H410) | - | 1 | 10 | - |

Substances identified by a number starting "RR-" in the CAS-field are substances for which the CAS# is not adopted in EU and we use an internal numbering system to track within our SDS software

*NOTE [5] - This substance is exempted from registration according to the provisions of Article 2(7)(b) and Annex V of REACH Classification according to Regulation (EC) No. 1272/2008 [CLP] - Notes*

*[B] - Substance with a Community workplace exposure limit*

*[E] - Substance is complex UVCB*

Note P - The harmonized classification as a carcinogen or mutagen applies unless it can be shown that the substance contains less than 0.1 % w/w benzene (Einecs No 200-753-7), in which case a classification in accordance with Title II of this Regulation shall be performed also for those hazard classes. Where the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102-)P260-P262-P301 + P310-P331 shall apply.

**Full text of H- and EUH-phrases: see section 16**

## Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

| Chemical name                                    | EC No. (Index No.)          | CAS No.     | Oral LD50 mg/kg | Dermal LD50 mg/kg | Inhalation LC50 - 4 hour - dust/mist - mg/L | Inhalation LC50 - 4 hour - vapour - mg/L | Inhalation LC50 - 4 hour - gas - ppm |
|--|-----------------------------|-------------|-----------------|-------------------|---|--|--------------------------------------|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | 927-510-4                   | RR-100219-3 | -               | -                 | -   | -  | -                                    |
| Hydrocarbons, C6, isoalkanes, <5% n-hexane       | 931-254-9                   | 64742-49-0  | 16750           | 3350              | -   | -  | -                                    |
| Isopropyl alcohol                                | 200-661-7<br>(603-117-00-0) | 67-63-0     | -               | -                 | -   | -  | -                                    |
| n-Hexane contained in UVCB                       | 203-777-6<br>(601-037-00-0) | 110-54-3    | -               | -                 | -   | -  | -                                    |
| Quartz   | 238-878-4                   | 14808-60-7  | -               | -                 | -   | -  | -                                    |
| Zinc bis(dibutyldithiocarbamate)                 | 205-232-8<br>(006-081-00-9) | 136-23-2    | -               | -                 | -   | -  | -                                    |

This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

| Chemical name | CAS No. | SVHC candidates |
|---------------|---------|-----------------|
|---------------|---------|-----------------|

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|                            |          |   |
|----------------------------|----------|---|
| n-Hexane contained in UVCB | 110-54-3 | X |
|----------------------------|----------|---|

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|   |  |
|---|--|
| <b>General advice</b>                     | Show this safety data sheet to the doctor in attendance.   |
| <b>Inhalation</b>                         | Remove to fresh air. IF exposed or concerned: Get medical advice/attention. Get medical attention immediately if symptoms occur.   |
| <b>Eye contact</b>                        | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.   |
| <b>Skin contact</b>                       | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention if irritation develops and persists.   |
| <b>Ingestion</b>                          | Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a doctor.   |
| <b>Self-protection of the first aider</b> | Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. |

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

|                            |   |
|----------------------------|---|
| <b>Symptoms</b>            | Erythema (skin redness). May cause redness and tearing of the eyes. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. |
| <b>Effects of Exposure</b> | No information available.   |

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

|                        |                           |
|------------------------|---------------------------|
| <b>Note to doctors</b> | No information available. |
|------------------------|---------------------------|

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                       |   |
|---------------------------------------|---|
| <b>Suitable Extinguishing Media</b>   | Dry chemical. Carbon dioxide (CO <sub>2</sub> ). Water spray. Alcohol resistant foam. |
| <b>Unsuitable extinguishing media</b> | No information available.   |

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

|   |  |
|---|--|
| <b>Specific hazards arising from the chemical</b> | Risk of ignition. Vapours may form explosive mixture with air. Most vapours are heavier than air. Vapours may spread along ground and collect in low or confined areas (sewers, basements, tanks). |
| <b>Hazardous combustion products</b>              | Carbon oxides. Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ). Silicon dioxide.  |

### 5.3. Advice for firefighters

|   |  |
|---|--|
| <b>Special protective equipment and precautions for fire-fighters</b> | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protective equipment. |
|---|--|

## SECTION 6: Accidental release measures

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

|                                 |  |
|---------------------------------|--|
| <b>Personal precautions</b>     | Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. |
| <b>Other information</b>        | Ventilate the area. Refer to protective measures listed in Sections 7 and 8.   |
| <b>For emergency responders</b> | Use personal protection recommended in Section 8.  |

## 6.2. Environmental precautions

|                                  |  |
|----------------------------------|--|
| <b>Environmental precautions</b> | Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. |
|----------------------------------|--|

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

|  |  |
|--|--|
| <b>Methods for containment</b>         | Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapour suppressing foam may be used to reduce vapours. Dyke far ahead of spill to collect run-off water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. |
| <b>Methods for cleaning up</b>         | Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.  |
| <b>Prevention of secondary hazards</b> | Eliminate all ignition sources if safe to do so. Residues which cannot be recycled are disposed of as chemical waste. Equipment cleaned with organic solvent, washings are collected and disposed of as solvent waste.   |

## 6.4. Reference to other sections

|                                    |  |
|------------------------------------|--|
| <b>Reference to other sections</b> | See section 8 for more information. See section 13 for more information. |
|------------------------------------|--|

## **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

|                                       |   |
|---------------------------------------|---|
| <b>Advice on safe handling</b>        | Use personal protective equipment. Avoid breathing vapours or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. In case of insufficient ventilation, wear suitable respiratory equipment. |
| <b>General hygiene considerations</b> | Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection.   |

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

|                           |  |
|---------------------------|--|
| <b>Storage Conditions</b> | Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and |
|---------------------------|--|

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static electricity). Keep in properly labelled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Keep from freezing.

**Recommended storage temperature** Keep at temperatures between 5 and 25 °C. Do not freeze.

### 7.3. Specific end use(s)

**Specific use(s)**  
 Adhesives.

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

**Other information** Observe technical data sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure Limits

| Chemical name                                 | European Union                              | United Kingdom  |
|---|---|---|
| Carbonic acid, calcium salt (1:1)<br>471-34-1 | -   | TWA: 10 mg/m <sup>3</sup> ; inhalable dust<br>TWA: 4 mg/m <sup>3</sup> ; respirable dust<br>STEL: 30 mg/m <sup>3</sup> ; inhalable dust<br>STEL: 12 mg/m <sup>3</sup> ; respirable dust |
| Kaolin<br>1332-58-7                           | -   | TWA: 2 mg/m <sup>3</sup> ; respirable dust<br>STEL: 6 mg/m <sup>3</sup> ; respirable dust   |
| Isopropyl alcohol<br>67-63-0                  | -   | TWA: 400 ppm;<br>TWA: 999 mg/m <sup>3</sup> ;<br>STEL: 500 ppm;<br>STEL: 1250 mg/m <sup>3</sup> ;   |
| n-Hexane contained in UVCB<br>110-54-3        | TWA: 20 ppm;<br>TWA: 72 mg/m <sup>3</sup> ; | TWA: 20 ppm;<br>TWA: 72 mg/m <sup>3</sup> ;<br>STEL: 60 ppm;<br>STEL: 216 mg/m <sup>3</sup> ;   |
| Quartz<br>14808-60-7                          | TWA: 0.1 mg/m <sup>3</sup> ;                | TWA: 0.1 mg/m <sup>3</sup> ; respirable fraction<br>STEL: 0.3 mg/m <sup>3</sup> ; respirable  |

| Chemical name                          | European Union | Ireland  | United Kingdom |
|--|----------------|--|----------------|
| Isopropyl alcohol<br>67-63-0           | -              | 40 mg/L (urine - Acetone end of shift at end of workweek)          | -              |
| n-Hexane contained in UVCB<br>110-54-3 | -              | 0.4 mg/L (urine - 2,5-Hexanedione end of shift at end of workweek) | -              |

**Derived No Effect Level (DNEL)** No information available

| Derived No Effect Level (DNEL)<br>Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (RR-100219-3) |                |                                |               |
|--|----------------|--------------------------------|---------------|
| Type   | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| worker<br>Long term<br>Systemic health effects   | Inhalation     | 2085 mg/m <sup>3</sup>         |               |
| worker<br>Long term<br>Systemic health effects   | Dermal         | 300 mg/kg bw/d                 |               |

| Hydrocarbons, C6, isoalkanes, <5% n-hexane (64742-49-0) |                |                                |               |
|---|----------------|--------------------------------|---------------|
| Type  | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
|   |                |                                |               |

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|--|------------|------------------------|--|
| worker<br>Systemic health effects<br>Long term | Dermal     | 13964 mg/kg bw/d       |  |
| worker<br>Long term<br>Systemic health effects | Inhalation | 2085 mg/m <sup>3</sup> |  |

**Isopropyl alcohol (67-63-0)**

| Type   | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
|--|----------------|--------------------------------|---------------|
| worker<br>Long term<br>Systemic health effects | Inhalation     | 500 mg/m <sup>3</sup>          |               |
| worker<br>Long term<br>Systemic health effects | Dermal         | 888 mg/kg bw/d                 |               |

**Quartz (14808-60-7)**

**Derived No Effect Level (DNEL)**

**Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (RR-100219-3)**

| Type   | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
|--|----------------|--------------------------------|---------------|
| Consumer<br>Long term<br>Systemic health effects | Inhalation     | 447 mg/m <sup>3</sup>          |               |
| Consumer<br>Long term<br>Systemic health effects | Dermal         | 149 mg/kg bw/d                 |               |
| Consumer<br>Long term<br>Systemic health effects | Oral           | 149 mg/kg bw/d                 |               |

**Isopropyl alcohol (67-63-0)**

| Type   | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
|--|----------------|--------------------------------|---------------|
| Consumer<br>Long term<br>Systemic health effects | Inhalation     | 89 mg/m <sup>3</sup>           |               |
| Consumer<br>Long term<br>Systemic health effects | Dermal         | 319 mg/kg bw/d                 |               |
| Consumer<br>Long term<br>Systemic health effects | Oral           | 26 mg/kg bw/d                  |               |

**Predicted No Effect Concentration (PNEC)**

**Predicted No Effect Concentration (PNEC)**

**Isopropyl alcohol (67-63-0)**

| Environmental compartment | Predicted No Effect Concentration (PNEC) |
|---------------------------|--|
| Freshwater                | 140.9 mg/l                               |
| Marine water              | 140.9 mg/l                               |
| Sewage treatment plant    | 2251 mg/l                                |
| Freshwater sediment       | 552 mg/kg dry weight                     |
| Marine sediment           | 552 mg/kg dry weight                     |
| Soil                      | 28 mg/kg dry weight                      |

**8.2. Exposure controls**

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**Engineering controls** Ensure adequate ventilation, especially in confined areas. Ensure that enough fresh air is supplied to dilute and remove dusts, fumes or vapours. Between 5 and 15 air changes per hour are recommended, with a through draught. Vapours/aerosols must be exhausted directly at the point of origin.

## Personal protective equipment

**Eye/face protection** Tight sealing safety goggles. Face protection shield. Eye protection must conform to standard EN 166.

**Hand protection** Wear protective gloves. The breakthrough time of the gloves depends on the material and the thickness as well as the temperature.

**Skin and body protection** Antistatic footwear. Wear fire/flame resistant/retardant clothing. Suitable protective clothing.

**Respiratory protection** In case of inadequate ventilation wear respiratory protection. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

**Recommended filter type:** Organic gases and vapours filter conforming to EN 14387.

**Environmental exposure controls** Do not allow into any sewer, on the ground or into any body of water.

## SECTION 9: Physical and chemical properties

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

**Physical state** Liquid  
**Appearance** Liquid  
**Colour** Beige  
**Odour** Solvent.

| <u>Property</u>                                | <u>Values</u>          | <u>Remarks • Method</u>                          |
|--|------------------------|--|
| <b>Melting point / freezing point</b>          | No data available      | None known                                       |
| <b>Initial boiling point and boiling range</b> | 48 °C                  |  |
| <b>Flammability</b>                            | No data available      | None known                                       |
| <b>Flammability Limit in Air</b>               |                        | None known                                       |
| <b>Upper flammability or explosive limits</b>  | No data available      |  |
| <b>Lower flammability or explosive limits</b>  | No data available      |  |
| <b>Flash point</b>                             | -5 °C                  |  |
| <b>Autoignition temperature</b>                | No data available      | None known                                       |
| <b>Decomposition temperature</b>               |                        | None known                                       |
| <b>pH</b>                                      | No data available      | Not applicable.                                  |
| <b>pH (as aqueous solution)</b>                | No data available      | None known                                       |
| <b>Kinematic viscosity</b>                     | 500 mm <sup>2</sup> /s | @ 40°C   |
| <b>Dynamic viscosity</b>                       | No data available      | <b>Water solubility</b> Insoluble in water.      |
| None known                                     |                        | <b>Solubility(ies)</b> No data available         |
| None known                                     |                        | <b>Partition coefficient</b> No data available   |
| None known                                     |                        | <b>Vapour pressure</b> <110 kPa                  |
| None known                                     |                        | <b>Relative density</b> No data available        |
| None known                                     |                        | <b>Bulk density</b> No data available            |
|  |                        | <b>Liquid Density</b> 1.18                       |
|  |                        | <b>Relative vapour density</b> No data available |
|  |                        | <b>Particle characteristics</b>                  |
|  |                        | <b>Particle Size</b> No information available    |
|  |                        | <b>Particle Size</b> No information available    |
|  |                        | <b>Distribution</b>                              |

### 9.2. Other information

**Solid content (%)** No information available

**VOC content** No data available

#### 9.2.1. Information with regards to physical hazard classes

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Not applicable

## 9.2.2. Other safety characteristics

No information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity No information available.

### 10.2. Chemical stability

Stability Stable under normal conditions.

### Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge Yes.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

### 10.4. Conditions to avoid

Conditions to avoid Heat, flames and sparks. Do not freeze.

### 10.5. Incompatible materials

Incompatible materials Strong acids. Strong bases. Strong oxidising agents.

### 10.6. Hazardous decomposition products

Hazardous decomposition products None under normal use conditions. Stable under recommended storage conditions.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Information on likely routes of exposure

#### Product Information

**Inhalation** Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. May cause drowsiness or dizziness.

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

**Skin contact** Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).

**Ingestion** Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

#### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** Redness. May cause redness and tearing of the eyes. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and

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vomiting.

## Acute toxicity

### Numerical measures of toxicity

The following ATE values have been calculated for the mixture

|                               |             |
|-------------------------------|-------------|
| ATEmix (oral)                 | >2000 mg/kg |
| ATEmix (dermal)               | >2000 mg/kg |
| ATEmix (inhalation-gas)       | >20000 ppm  |
| ATEmix (inhalation-dust/mist) | >5 mg/L     |
| ATEmix (inhalation-vapour)    | >20 mg/L    |

### Component Information

| Chemical name                                    | Oral LD50             | Dermal LD50                                  | Inhalation LC50                                  |
|--|-----------------------|--|--|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | LD50 >5840 mg/kg Rat  | LD50 >2920 mg/kg (Rattus)                    | LC50 >23.3 mg/L (4h)(Rat, vapour) (OECD 403)     |
| Hydrocarbons, C6, isoalkanes, <5% n-hexane       | >16750 mg/Kg (Rattus) | >3350 mg/Kg (Oryctolagus cuniculus) OECD 402 | 259354 mg/m <sup>3</sup> (vapour) (rat OECD 403) |
| Isopropyl alcohol                                | >5000 mg/Kg           | = 4059 mg/kg (Oryctolagus cuniculus)         | =72600 mg/m <sup>3</sup> (Rattus) 4 h            |
| n-Hexane contained in UVCB                       | = 25 g/kg ( Rat )     | = 3000 mg/kg ( Rabbit )                      | = 48000 ppm ( Rat ) 4 h                          |
| Quartz   | >2000 mg/kg (Rattus)  | -  | -  |
| Zinc bis(dibutyldithiocarbamate)                 | >5000 mg/kg (Rattus)  | > 2000 mg/kg (Oryctolagus cuniculus)         | -  |

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Classification based on data available for ingredients. Causes skin irritation.

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

| Isopropyl alcohol (67-63-0)                       |         |                |                |               |          |
|---|---------|----------------|----------------|---------------|----------|
| Method  | Species | Exposure route | Effective dose | Exposure time | Results  |
| OECD Test No. 405: Acute Eye Irritation/Corrosion | Rabbit  | eye            |                |               | Irritant |

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

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

| Component Information  |                   |               |
|--|-------------------|---------------|
| Isopropyl alcohol (67-63-0)  |                   |               |
| Method   | Species           | Results       |
| OECD Test No. 476: In Vitro Mammalian Cell Gene Mutation Tests using the Hprt and xprt genes | Hamster, in vitro | Not mutagenic |

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

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

The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as reproductive toxins.

| Chemical name              | European Union |
|----------------------------|----------------|
| n-Hexane contained in UVCB | Repr. 2        |

**STOT - single exposure** May cause drowsiness or dizziness.

**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.

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

**Endocrine disrupting properties** Based on available data, the classification criteria are not met.

### 11.2.2. Other information

**Other adverse effects** No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

| Chemical name   | Algae/aquatic plants  | Fish  | Toxicity to microorganisms | Crustacea                                | M-Factor | M-Factor (long-term) |
|---|---|---|----------------------------|--|----------|----------------------|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics<br>RR-100219-3 | ErL50 (72h) = 10-30 mg/L<br>(Pseudokirchneriella subcapitata) | LL50 (96h) >13.4 mg/L<br>(Oncorhynchus mykiss)<br>OECD 203  | -                          | EL50 (48h) = 3.0 mg/L<br>(Daphnia magna) |          |                      |
| Hydrocarbons, C6, isoalkanes, <5% n-hexane<br>64742-49-0        | EL50 (72h) = 13.6 mg/l<br>(Pseudokirchneriella subcapitata)   | LL50 (96h) = 18.27 mg/l<br>(Oncorhynchus mykiss)            | -                          | EL50 (48h)= 31.9 mg/l<br>(Daphnia magna) |          |                      |
| Isopropyl alcohol<br>67-63-0                                    | EC50 72 h > 1000 mg/L<br>(Desmodesmus subspicatus)            | LC50 96 h > 1400000 ?g/L<br>(Lepomis macrochirus )          | -                          | EC50: =13299mg/L<br>(48h, Daphnia magna) |          |                      |
| n-Hexane contained in UVCB<br>110-54-3                          | -   | LC50: 2.1 - 2.98mg/L (96h, Pimephales promelas)             | -                          | -  |          |                      |
| Zinc bis(dibutylidithiocarbamate)<br>136-23-2                   | -   | LC50: =880mg/L (96h, Lepomis macrochirus)<br>LC50: =520mg/L | -                          | EC50: =0.74mg/L (48h, Daphnia magna)     | 1        | 10                   |

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|  |  |                                  |  |  |  |  |
|--|--|----------------------------------|--|--|--|--|
|  |  | (96h,<br>Oncorhynchus<br>mykiss) |  |  |  |  |
|--|--|----------------------------------|--|--|--|--|

## 12.2. Persistence and degradability

**Persistence and degradability** No information available.

| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (RR-100219-3)                      |               |       |                       |
|---|---------------|-------|-----------------------|
| Method  | Exposure time | Value | Results               |
| OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F) | 28 days       | 98%   | Readily biodegradable |

| Quartz (14808-60-7)   |               |                   |                           |
|---|---------------|-------------------|---------------------------|
| Zinc bis(dibutyldithiocarbamate) (136-23-2)   |               |                   |                           |
| Method  | Exposure time | Value             | Results                   |
| OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F) | 28 days       | 2% biodegradation | Not readily biodegradable |

## 12.3. Bioaccumulative potential

**Bioaccumulation**

### Component Information

| Chemical name                              | Partition coefficient |
|--|-----------------------|
| Hydrocarbons, C6, isoalkanes, <5% n-hexane | 3.6                   |
| Isopropyl alcohol                          | 0.05                  |
| n-Hexane contained in UVCB                 | 4                     |

## 12.4. Mobility in soil

**Mobility in soil** No information available.

## 12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment** Based on available data, the classification criteria are not met.

| Chemical name                                    | PBT and vPvB assessment |
|--|-------------------------|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | Not PBT/vPvB            |
| Hydrocarbons, C6, isoalkanes, <5% n-hexane       | Not PBT/vPvB            |
| Isopropyl alcohol                                | Not PBT/vPvB            |
| n-Hexane contained in UVCB                       | Not PBT/vPvB            |
| Zinc bis(dibutyldithiocarbamate)                 | Not PBT/vPvB            |

## 12.6. Endocrine disrupting properties Endocrine disrupting properties

**Endocrine disruption for the environment** Based on available data, the classification criteria are not met.

## 12.7. Other adverse effects Other adverse effects

**Other adverse effects** No information available.  
**PMT or vPvM properties** Based on available data, the classification criteria are not met.

## SECTION 13: Disposal considerations

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## 13.1. Waste treatment methods

|  |   |
|--|---|
| <b>Waste from residues/unused products</b> | Should not be released into the environment. Uncured product should be disposed of as hazardous waste. Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable. |
| <b>Contaminated packaging</b>              | Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. Handle contaminated packages in the same way as the product itself.   |
| <b>European Waste Catalogue</b>            | 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances<br>15 01 10*: Packaging containing residues of or contaminated by dangerous substances   |
| <b>Other information</b>                   | Waste codes should be assigned by the user based on the application for which the product was used.   |

## **SECTION 14: Transport information**

**Note:** The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments made in non-bulk packages (see regulatory definition). The information shown here, may not always agree with the bill of lading shipping description for the material. Keep from freezing.

### Land transport (ADR/RID)

|  |  |
|--|--|
| <b>14.1 UN number or ID number</b>       | UN1133   |
| <b>14.2 UN proper shipping name</b>      | Adhesives  |
| <b>14.3 Transport hazard class(es)</b>   | 3  |
| <b>Labels</b>                            | 3  |
| <b>14.4 Packing group</b>                | II   |
| <b>Description</b>                       | UN1133, Adhesives, 3, II, (D/E), Environmentally Hazardous |
| <b>14.5 Environmental hazards</b>        | Yes  |
| <b>14.6 Special precautions for user</b> |  |
| <b>Special Provisions</b>                | 640D   |
| <b>Classification code</b>               | F1   |
| <b>Tunnel restriction code</b>           | (D/E)  |
| <b>Limited quantity (LQ)</b>             | 5 L  |
| <b>ADR Hazard Id (Kemmler Number)</b>    | 33   |

### IMDG

|   |   |
|---|---|
| <b>14.1 UN number or ID number</b>  | UN1133  |
| <b>14.2 UN proper shipping name</b>                                       | Adhesives   |
| <b>14.3 Transport hazard class(es)</b>                                    | 3   |
| <b>14.4 Packing group</b>   | II  |
| <b>Description</b>  | UN1133, Adhesives, 3, II, (-5°C c.c.), Marine pollutant |
| <b>14.5 Marine pollutant</b>  | P   |
| <b>14.6 Special precautions for user</b>                                  |   |
| <b>Special Provisions</b>   | None  |
| <b>Limited Quantity (LQ)</b>  | 5 L   |
| <b>EmS-No.</b>  | F-E, S-D  |
| <b>14.7 Maritime transport in bulk according to IMO instruments</b>       |   |
| <b>Transport in bulk according to Annex II of MARPOL and the IBC Code</b> | Not applicable  |

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

|  |                          |
|--|--------------------------|
| <b>14.1 UN number or ID number</b>     | UN1133                   |
| <b>14.2 UN proper shipping name</b>    | Adhesives                |
| <b>14.3 Transport hazard class(es)</b> | 3                        |
| <b>14.4 Packing group</b>              | II                       |
| <b>Description</b>                     | UN1133, Adhesives, 3, II |
| <b>14.5 Environmental hazards</b>      | Yes                      |

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## 14.6 Special precautions for user

Special Provisions A3  
Limited quantity (LQ) 1 L  
ERG Code 3L

## SECTION 15: Regulatory information

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

#### European Union

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

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

#### Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

##### SVHC: Substances of Very High Concern for Authorisation:

This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)  $\geq 0.1\%$

| Chemical name              | CAS No.  |
|----------------------------|----------|
| n-Hexane contained in UVCB | 110-54-3 |

#### EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

#### Substance subject to authorisation per REACH Annex XIV

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

#### Export Notification requirements

This product does not contain substances which are regulated pursuant to Regulation (EC) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals above the level that triggers a labeling obligation under Regulation (EC) No 1272/2008. Therefore this product is not subject to prior informed consent notification.

#### Dangerous substance category per Seveso Directive (2012/18/EU)

P5a - FLAMMABLE LIQUIDS

P5b - FLAMMABLE LIQUIDS

P5c - FLAMMABLE LIQUIDS

E2 - Hazardous to the Aquatic Environment in Category Chronic 2

#### Named dangerous substances per Seveso Directive (2012/18/EU)

| Chemical name  | Lower-tier requirements (tons) | Upper-tier requirements (tons) |
|--|--------------------------------|--------------------------------|
| Hydrocarbons, C6, isoalkanes, <5% n-hexane -<br>64742-49-0 |                                | 25000                          |

#### Ozone-depleting substances (ODS) regulation (EC) 2024/590

Not applicable

#### Persistent Organic Pollutants

Not applicable

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REGULATION (EU) 2019/1148 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on the marketing and use of explosives precursors

Not applicable

Regulations on drug precursors (EC) No 111/2005 (export) and 273/2004 (internal trade)

This product does not contain any substance(s) on the Drug Precursors list.

## National regulations

### 15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture

## **SECTION 16: Other information**

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of any hazard and/or precautionary statements referred to under Sections 2-15

EUH066 - Repeated exposure may cause skin dryness or cracking

H225 - Highly flammable liquid and vapour

H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H335 - May cause respiratory irritation

H336 - May cause drowsiness or dizziness

H372 - Causes damage to organs through prolonged or repeated exposure

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

H411 - Toxic to aquatic life with long lasting effects

#### **Notes relating to the identification, classification and labelling of substances**

Note P - The harmonized classification as a carcinogen or mutagen applies unless it can be shown that the substance contains less than 0.1 % w/w benzene (Einecs No 200-753-7), in which case a classification in accordance with Title II of this Regulation shall be performed also for those hazard classes. Where the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102-)P260-P262-P301 + P310-P331 shall apply

#### **Legend**

|         |   |
|---------|---|
| TWA     | TWA (time-weighted average)   |
| STEL    | STEL (Short Term Exposure Limit)  |
| Ceiling | Ceiling Limit Value   |
| Sk*     | Skin designation  |
| SVHC    | Substance(s) of Very High Concern   |
| PBT     | Persistent, Bioaccumulative, and Toxic (PBT) Chemicals                              |
| vPvB    | Very Persistent and very Bioaccumulative (vPvB) Chemicals                           |
| STOT RE | Specific target organ toxicity - Repeated exposure                                  |
| STOT SE | Specific target organ toxicity - Single exposure                                    |
| EWC     | European Waste Catalogue  |
| ADR     | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| IMDG    | International Maritime Dangerous Goods (IMDG)                                       |
| IATA    | International Air Transport Association (IATA)                                      |
| RID     | Regulations concerning the International Transport of Dangerous Goods by Rail       |

#### **Key literature references and sources for data**

No information available

**Prepared By** Product Safety & Regulatory Affairs  
**Revision date** 23-Mar-2026

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## Indication of changes

|                            |  |
|----------------------------|--|
| <b>Revision Note</b>       | Not applicable.  |
| <b>Training Advice</b>     | Provide adequate information, instruction, and training for operator |
| <b>Further information</b> | No information available   |

**This SDS complies with the requirements of UK REACH Regulations SI 2019/758 (as amended)**

## **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**