# 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)

**BOSTIK SIMSON PREP CS**
**Supercedes date** 24-Jan-2023

**Revision date** 20-Mar-2025
**Revision Number** 1.06

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

### 1.1. Product identifier

**Product Name** BOSTIK SIMSON PREP CS

**Pure substance/mixture** Mixture

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

**Recommended use** Primers, Sealers, and Undercoaters

**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) |
| **Eye irritation** | Category 2 - (H319) |
| **Specific target organ toxicity (single exposure)** | Category 3 - (H336) |
| Category 3 Target organ effects: Narcotic effects. | |

### 2.2. Label elements

Contains Isopropyl alcohol; Butyl titanate



**Signal word**
Danger

**Hazard statements**
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.
H225 - Highly flammable liquid and vapour.

**Precautionary Statements - EU (§28, 1272/2008)**
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P261 - Avoid breathing mist/vapours/spray
P312 - Call a POISON CENTER or doctor if you feel unwell
P370 + P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
P501 - Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable

**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 (EU Index No) | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Specific concentration limit (SCL) | M-Factor | M-Factor (long-term) | Notes |
|---|---|---|---|---|---|---|---|---|
| Isopropyl alcohol<br>67-63-0 | 80 - 100 | 01-2119457558-25-XXXX | 200-661-7<br>(603-117-00-0) | Flam. Liq. 2 (H225)<br>Eye Irrit. 2 (H319)<br>STOT SE 3 (H336) | - | - | - | - |
| Butyl titanate<br>5593-70-4 | 1 - <3 | 01-2119967423-33-XXXX | 227-006-8 | STOT SE 3 (H335)<br>STOT SE 3 (H336)<br>Skin Irrit. 2 (H315)<br>Eye Dam. 1 (H318)<br>Flam. Liq. 3 (H226) | - | - | - | - |

**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 (EU 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 |
|---|---|---|---|---|---|---|---|
| Isopropyl alcohol | 200-661-7 (603-117-00-0) | 67-63-0 | - | - | - | - | - |
| Butyl titanate | 227-006-8 | 5593-70-4 | - | - | - | - | - |

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General advice** If medical advice is needed, have product container or label at hand.

**Inhalation** Remove to fresh air. IF exposed or concerned: Get medical advice/attention.

**Eye contact** 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. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

**Skin contact** Wash off immediately with soap and plenty of water. If skin irritation or rash occurs: Get medical advice/attention.

**Ingestion** Do NOT induce vomiting. If swallowed, rinse mouth with water (only if the person is conscious). Rinse mouth. Call a doctor.

**Self-protection of the first aider** Remove all sources of ignition. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. See section 8 for more information.

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

**Symptoms** May cause redness and tearing of the eyes. Burning sensation. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Prolonged contact may cause redness and irritation.

**Effects of Exposure** No information available.

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

**Note to doctors** No information available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable Extinguishing Media** Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

**Unsuitable extinguishing media** Full water jet.

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

**Specific hazards arising from the** Risk of ignition. Keep product and empty container away from heat and sources of

| | |
|---|---|
| **chemical** | ignition. In the event of fire, cool tanks with water spray. Thermal decomposition can lead to release of irritating gases and vapours. |
| **Hazardous combustion products** | Carbon oxides. Metal oxides. |

**5.3. Advice for firefighters**

| | |
|---|---|
| **Special protective equipment and precautions for fire-fighters** | Wear self contained breathing apparatus for fire fighting if necessary. |

## SECTION 6: Accidental release measures

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

| | |
|---|---|
| **Personal precautions** | ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharges. Ensure adequate ventilation. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. See section 8 for more information. |
| **Other information** | Ventilate the area. Refer to protective measures listed in Sections 7 and 8. |
| **For emergency responders** | Use personal protection recommended in Section 8. |

**6.2. Environmental precautions**

| | |
|---|---|
| **Environmental precautions** | Prevent product from entering drains. Do not allow to enter into soil/subsoil. Refer to protective measures listed in Sections 7 and 8. |

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

| | |
|---|---|
| **Methods for containment** | Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. |
| **Methods for cleaning up** | Take precautionary measures against static discharges. Pick up and transfer to properly labelled containers. |
| **Prevention of secondary hazards** | Clean contaminated objects and areas thoroughly observing environmental regulations. |

**6.4. Reference to other sections**

| | |
|---|---|
| **Reference to other sections** | See section 8 for more information. See section 13 for more information. |

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling**

| | |
|---|---|
| **Advice on safe handling** | Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid breathing vapours or mists. Ensure adequate ventilation. Use personal protection equipment. Avoid contact with skin, eyes or clothing. |
| **General hygiene considerations** | Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Take off all contaminated clothing and wash it before reuse. |

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

| | |
|---|---|
| **Storage Conditions** | 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 static electricity). Keep in properly labelled containers. Store in accordance with the particular national regulations. Keep away from food, drink and animal feedingstuffs. |
| **Recommended storage** | Keep at temperatures between 5 and 25 °C. |

**temperature**

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

**Specific use(s)**
Primers, Sealers, and Undercoaters.

**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 |
|---|---|---|
| Isopropyl alcohol<br>67-63-0 | - | TWA: 400 ppm;<br>TWA: 999 mg/m³;<br>STEL: 500 ppm;<br>STEL: 1250 mg/m³; |

| 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) | - |

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

| Derived No Effect Level (DNEL) | | | |
|---|---|---|---|
| **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/m³ | |
| worker<br>Long term<br>Systemic health effects | Dermal | 888 mg/kg bw/d | |

| Butyl titanate (5593-70-4) | | | |
|---|---|---|---|
| Type | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| worker<br>Long term<br>Systemic health effects | Inhalation | 127 mg/m³ | |

| Derived No Effect Level (DNEL) | | | |
|---|---|---|---|
| **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/m³ | |
| 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 | |

| **Butyl titanate (5593-70-4)** | | | |
|---|---|---|---|
| Type | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| Consumer<br>Long term<br>Systemic health effects | Inhalation | 152 mg/m³ | |
| Consumer<br>Long term<br>Systemic health effects | Dermal | 37.5 mg/kg bw/d | |
| Consumer<br>Long term<br>Systemic health effects | Oral | 3.75 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 |

| **Butyl titanate (5593-70-4)** | |
|---|---|
| Environmental compartment | Predicted No Effect Concentration (PNEC) |
| Freshwater | 0.08 mg/l |
| Marine water | 0.008 mg/l |
| Microorganisms in sewage treatment | 65 mg/l |
| Freshwater sediment | 0.0687 mg/kg dry weight |
| Marine sediment | 0.0069 mg/kg dry weight |
| Soil | 0.0168 mg/kg dry weight |

### 8.2. Exposure controls

**Engineering controls** Ensure adequate ventilation, especially in confined areas. Vapours/aerosols must be exhausted directly at the point of origin.

**Personal protective equipment**

**Eye/face protection** Tight sealing safety goggles. 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. Gloves must conform to standard EN 374

**Skin and body protection** Wear 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 uncontrolled discharge of product into the environment.

## SECTION 9: Physical and chemical properties

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

**Physical state** Liquid
**Colour** Clear
**Odour** Alcohol.

| Property | Values | Remarks • Method |
|---|---|---|
| **Melting point / freezing point** | <= -75 °C | |
| **Initial boiling point and boiling range** | >= 77 °C | |
| **Flammability** | No data available | Flammable liquid |
| **Flammability Limit in Air** | | |
| **Upper flammability or explosive limits** | ca. 13.4 Vol.% | |
| **Lower flammability or explosive limits** | ca. 1.9 Vol.% | |
| **Flash point** | >= 12 °C | CC (closed cup) |
| **Autoignition temperature** | 399 °C | |
| **Decomposition temperature** | | |
| **pH** | No data available | Not applicable. Insoluble in water. |
| **pH (as aqueous solution)** | 7.5 | solution (1 %) |
| **Kinematic viscosity** | No data available | |
| **Dynamic viscosity** | >= 2 mPa s | @ 20 °C |
| **Water solubility** | Insoluble in water. | |
| **Solubility(ies)** | No data available | |
| **Partition coefficient** | No data available | |
| **Vapour pressure** | <1100 | hPa @ 50 °C |
| **Relative density** | 0.75 - 0.95 | |
| **Bulk density** | No data available | |
| **Density** | ca. 0.85 g/cm³ | |
| **Relative vapour density** | No data available | |
| **Particle characteristics** | | |
| **Particle Size** | No information available | |
| **Particle Size Distribution** | No information available | |

**9.2. Other information**

| | |
|---|---|
| **Solid content (%)** | No information available |
| **VOC content** | No data available |

*9.2.1. Information with regards to physical hazard classes*
Not applicable

*9.2.2. Other safety characteristics*
No information available

## SECTION 10: Stability and reactivity

**10.1. Reactivity**

**Reactivity** Stable under recommended storage conditions.

**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.

**10.5. Incompatible materials**

**Incompatible materials** None known based on information supplied.

**10.6. Hazardous decomposition products**

**Hazardous decomposition products** None under normal use 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** May cause drowsiness or dizziness.

**Eye contact** Causes serious eye irritation.

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

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

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

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

**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 |
|---|---|---|---|
| Isopropyl alcohol | >5000 mg/Kg | = 4059 mg/kg (Oryctolagus cuniculus) | =72600 mg/m³ (Rattus) 4 h |
| Butyl titanate | =3122 mg/kg (Rattus) | >5000 mg/Kg (Oryctolagus cuniculus) | - |

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

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

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

| 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.

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

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

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea | M-Factor | M-Factor (long-term) |
|---|---|---|---|---|---|---|
| Isopropyl alcohol 67-63-0 | EC50 72 h > 1000 mg/L (Desmodesmus | LC50 96 h > 1400000 ?g/L (Lepomis | - | EC50: =13299mg/L (48h, Daphnia | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | subspicatus) | macrochirus ) | | magna) | | |
| Butyl titanate<br>5593-70-4 | - | LC50 (96h):<br>1825 mg/l | - | EC50 (48h):<br>1300 mg/l<br>(Daphnia<br>magna) | | |

**12.2. Persistence and degradability**

**Persistence and degradability** No information available.

**12.3. Bioaccumulative potential**

**Bioaccumulation**

**Component Information**

| Chemical name | Partition coefficient |
|---|---|
| Isopropyl alcohol | 0.05 |
| Butyl titanate | 0.84 |

**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 |
|---|---|
| Isopropyl alcohol | Not PBT/vPvB |
| Butyl titanate | Not PBT/vPvB |

**12.6. Endocrine disrupting properties**

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

**12.7. 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

**13.1. Waste treatment methods**

**Waste from residues/unused products** Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

**Contaminated packaging** Handle contaminated packages in the same way as the product itself. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

**European Waste Catalogue** 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances
15 01 10*: Packaging containing residues of or contaminated by dangerous substances

**Other information** 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.

**Land transport (ADR/RID)**

| | |
|---|---|
| **14.1 UN number or ID number** | UN1993 |
| **14.2 UN proper shipping name** | Flammable liquid, n.o.s. (Isopropyl alcohol) |
| **14.3 Transport hazard class(es)** | 3 |
| **Labels** | 3 |
| **14.4 Packing group** | II |
| **Description** | UN1993, Flammable liquid, n.o.s. (Isopropyl alcohol), 3, II, (D/E) |
| **14.5 Environmental hazards** | No |
| **14.6 Special precautions for user** | |
| **Special Provisions** | 274, 601, 640D |
| **Classification code** | F1 |
| **Tunnel restriction code** | (D/E) |
| **Limited quantity (LQ)** | 1 L |
| **ADR Hazard Id (Kemmler Number)** | 33 |

**IMDG**

| | |
|---|---|
| **14.1 UN number or ID number** | UN1993 |
| **14.2 UN proper shipping name** | Flammable liquid, n.o.s. (Isopropyl alcohol) |
| **14.3 Transport hazard class(es)** | 3 |
| **14.4 Packing group** | II |
| **Description** | UN1993, Flammable liquid, n.o.s. (Isopropyl alcohol), 3, II, (12°C c.c.) |
| **14.5 Marine pollutant** | NP |
| **14.6 Special precautions for user** | |
| **Special Provisions** | 274 |
| **Limited Quantity (LQ)** | 1 L |
| **EmS-No.** | F-E, S-E |

**14.7 Maritime transport in bulk according to IMO instruments**

**Transport in bulk according to Annex II of MARPOL and the IBC Code** Not applicable

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

| | |
|---|---|
| **14.1 UN number or ID number** | UN1993 |
| **14.2 UN proper shipping name** | Flammable liquid, n.o.s. (Isopropyl alcohol) |
| **14.3 Transport hazard class(es)** | 3 |
| **14.4 Packing group** | II |
| **Description** | UN1993, Flammable liquid, n.o.s. (Isopropyl alcohol), 3, II |
| **14.5 Environmental hazards** | No |
| **14.6 Special precautions for user** | |
| **Special Provisions** | A3 |
| **Limited quantity (LQ)** | 1 L |
| **ERG Code** | 3H |

## 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 does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

**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

**Ozone-depleting substances (ODS) regulation (EC) 2024/590**
Not applicable

**Persistent Organic Pollutants**
Not applicable

**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

**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**
H225 - Highly flammable liquid and vapour
H226 - Flammable liquid and vapour
H315 - Causes skin irritation
H318 - Causes serious eye damage
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness

**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** | 20-Mar-2025 |
| **Indication of changes** | |
| **Revision Note** | SDS sections updated, 1, 15. |
| **Training Advice** | When working with hazardous materials, regular training of operators is required by law |
| **Further information** | 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**