

This safety data sheet was created pursuant to the requirements of:  
UK REACH Regulations (SI 2019/758 as amended)

Revision date 11/02/2025

Revision Number 4

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

### 1.1. Product identifier

**Product Code(s)** SIMP23D  
**Product Name** Simoniz Ford Van White

**Pure substance/mixture** Mixture

Contains Acetone; Ethyl acetate; n-Butyl acetate; 1-Butanol; Isopropyl alcohol

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

**Recommended use** Paint  
**Uses advised against** No information available

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

**Supplier**  
Holts Auto  
Unit 100 Barton Dock Road  
Manchester  
United Kingdom  
M32 0YQ

For further information, please contact

**Contact Point** www.holtsauto.com  
**E-mail address** info@holtsauto.com

### 1.4. Emergency telephone number

**Emergency Telephone** Holt Lloyd International: UK - 00 44 (0) 161 866 4800 Office Hours - Mon - Thurs: 8am - 5pm. Fri - 8am - 1pm.  
00 44 (0) 161 886 4806 (24 Hour Voicemail).

|                       |                                                                                                                                                              |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>United Kingdom</b> | Holt Lloyd International: UK - 00 44 (0) 161 866 4800 Office Hours - Mon - Thurs: 8am - 5pm. Fri - 8am - 1pm.<br>00 44 (0) 161 886 4806 (24 Hour Voicemail). |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

|                                                         |                           |
|---------------------------------------------------------|---------------------------|
| <b>Aerosols</b>                                         | Category 1 - (H222, H229) |
| <b>Serious eye damage/eye irritation</b>                | Category 2 - (H319)       |
| <b>Specific target organ toxicity — single exposure</b> | Category 3 - (H336)       |
| Category 3 Narcotic effects                             |                           |

## 2.2. Label elements

Contains Acetone; Ethyl acetate; n-Butyl acetate; 1-Butanol; Isopropyl alcohol



### Signal word

Danger

### Hazard statements

H222 - Extremely flammable aerosol  
H229 - Pressurised container: May burst if heated  
H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness  
EUH066 - Repeated exposure may cause skin dryness or cracking

### Precautionary statements

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
P211 - Do not spray on an open flame or other ignition source  
P251 - Do not pierce or burn, even after use  
P280 - Wear eye protection/ face protection  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

### Unknown aquatic toxicity

Contains 0 % of components with unknown hazards to the aquatic environment.

## 2.3. Other hazards

Causes mild skin irritation.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

| Chemical name | Weight-% | EC No (EU Index No) | UK REACH registration number | Classification according to GB CLP (SI 2020/1567 as amended) | Specific concentration limit (SCL) | M-Factor | M-Factor (long-term) |
|---------------|----------|---------------------|------------------------------|--------------------------------------------------------------|------------------------------------|----------|----------------------|
| Acetone       | 25 -     | 200-662-2           | -                            | (EUH066)                                                     | -                                  | -        | -                    |

|                              |           |                             |   |                                                                                                                                 |   |   |   |
|------------------------------|-----------|-----------------------------|---|---------------------------------------------------------------------------------------------------------------------------------|---|---|---|
| 67-64-1                      | <50%      | (606-001-00-8)              |   | Flam. Liq. 2 (H225)<br>Eye Irrit. 2 (H319)<br>STOT SE 3 (H336)                                                                  |   |   |   |
| Ethyl acetate<br>141-78-6    | 5 - <10%  | 205-500-4<br>(607-022-00-5) | - | (EUH066)<br>Flam. Liq. 2 (H225)<br>Eye Irrit. 2 (H319)<br>STOT SE 3 (H336)                                                      | - | - | - |
| Propane<br>74-98-6           | 5 - <10%  | 200-827-9<br>(601-003-00-5) | - | Flam. Gas 1 (H220)                                                                                                              | - | - | - |
| n-Butyl acetate<br>123-86-4  | 5 - <10%  | 204-658-1<br>(607-025-00-1) | - | (EUH066)<br>Flam. Liq. 3 (H226)<br>STOT SE 3 (H336)                                                                             | - | - | - |
| n-Butane<br>106-97-8         | 5 - <10%  | 203-448-7<br>(601-004-00-0) | - | Flam. Gas 1 (H220)<br>Press. Gas ()                                                                                             | - | - | - |
| Isobutane<br>75-28-5         | 5 - <10%  | 200-857-2<br>(601-004-00-0) | - | Flam. Gas 1 (H220)<br>Press. Gas                                                                                                | - | - | - |
| 1-Butanol<br>71-36-3         | 1 - <2.5% | 200-751-6<br>(603-004-00-6) | - | Flam. Liq. 3 (H226)<br>Acute Tox. 4 (H302)<br>Skin Irrit. 2 (H315)<br>Eye Dam. 1 (H318)<br>STOT SE 3 (H335)<br>STOT SE 3 (H336) | - | - | - |
| Isopropyl alcohol<br>67-63-0 | 1 - <2.5% | 200-661-7<br>(603-117-00-0) | - | Flam. Liq. 2 (H225)<br>Eye Irrit. 2 (H319)<br>STOT SE 3 (H336)                                                                  | - | - | - |

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

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (UK REACH Article 59)

## 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.                                                                                                                                                                                                         |
| <b>Eye contact</b>                        | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists. |
| <b>Skin contact</b>                       | Wash skin with soap and water. In the case of skin irritation or allergic reactions see a doctor.                                                                                                                                                                                   |
| <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. Wear personal protective clothing (see section 8). Avoid contact with skin, eyes or clothing.      |

### 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** Treat symptomatically.

### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

**Suitable Extinguishing Media** Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray.

**Large Fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.

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

**Specific hazards arising from the chemical** Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Cylinders may rupture under extreme heat. Damaged cylinders should be handled only by specialists. Containers may explode when heated.

#### **5.3. Advice for firefighters**

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

### **SECTION 6: Accidental release measures**

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

**Personal precautions** 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). Take precautionary measures against static discharges. Avoid breathing dust/fume/gas/mist/vapours/spray.

**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** 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**

**Methods for containment** Keep out of drains, sewers, ditches and waterways. Stop leak if you can do it without risk. A vapour suppressing foam may be used to reduce vapours. Dyke far ahead of spill to collect run-off water. Flood with water to complete polymerization and scrape off floor.

|                                         |                                                                                                                                                             |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>  | Clean contaminated objects and areas thoroughly observing environmental regulations.                                                                        |
| <b>6.4. Reference to other sections</b> |                                                                                                                                                             |
| <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 protection equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Use spark-proof tools and explosion-proof equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Keep in an area equipped with sprinklers. Do not puncture or incinerate cans. Contents under pressure. In case of rupture. Avoid breathing vapours or mists. 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. 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. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

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

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage Conditions</b> | Protect from sunlight. 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. 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. Store in a cool, dry area away from potential sources of heat, open flames, sunlight or other chemicals. |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 7.3. Specific end use(s)

|                                      |                                                                  |
|--------------------------------------|------------------------------------------------------------------|
| <b>Risk Management Methods (RMM)</b> | The information required is contained in this Safety Data Sheet. |
|--------------------------------------|------------------------------------------------------------------|

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure Limits

| Chemical name             | United Kingdom                                                                                |
|---------------------------|-----------------------------------------------------------------------------------------------|
| Acetone<br>67-64-1        | TWA: 500 ppm<br>TWA: 1210 mg/m <sup>3</sup><br>STEL: 1500 ppm<br>STEL: 3620 mg/m <sup>3</sup> |
| Ethyl acetate<br>141-78-6 | TWA: 734 mg/m <sup>3</sup><br>TWA: 200 ppm                                                    |

|                              |                                                                                              |
|------------------------------|----------------------------------------------------------------------------------------------|
|                              | STEL: 1468 mg/m <sup>3</sup><br>STEL: 400 ppm                                                |
| n-Butyl acetate<br>123-86-4  | TWA: 150 ppm<br>TWA: 724 mg/m <sup>3</sup><br>STEL: 200 ppm<br>STEL: 966 mg/m <sup>3</sup>   |
| n-Butane<br>106-97-8         | TWA: 600 ppm<br>TWA: 1450 mg/m <sup>3</sup><br>STEL: 750 ppm<br>STEL: 1810 mg/m <sup>3</sup> |
| 1-Butanol<br>71-36-3         | STEL: 50 ppm<br>STEL: 154 mg/m <sup>3</sup><br>Sk*                                           |
| 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>  |

**Biological occupational exposure limits** This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

#### Derived No Effect Level (DNEL) - Workers

| Chemical name                                            | Oral | Dermal                   | Inhalation                                                                                                                         |
|----------------------------------------------------------|------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Acetone<br>67-64-1                                       |      | 186 mg/kg bw/day [4] [6] | 1210 mg/m <sup>3</sup> [4] [6]<br>2420 mg/m <sup>3</sup> [5] [7]                                                                   |
| Dimethyl ether<br>115-10-6                               |      |                          | 1894 mg/m <sup>3</sup> [4] [6]                                                                                                     |
| Ethyl acetate<br>141-78-6                                |      | 63 mg/kg bw/day [4] [6]  | 734 mg/m <sup>3</sup> [4] [6]<br>1468 mg/m <sup>3</sup> [4] [7]<br>734 mg/m <sup>3</sup> [5] [6]<br>1468 mg/m <sup>3</sup> [5] [7] |
| Propylene glycol monomethyl ether<br>acetate<br>108-65-6 |      | 796 mg/kg bw/day [4] [6] | 275 mg/m <sup>3</sup> [4] [6]<br>550 mg/m <sup>3</sup> [5] [7]                                                                     |
| 1-Butanol<br>71-36-3                                     |      |                          | 310 mg/m <sup>3</sup> [5] [6]                                                                                                      |
| Isopropyl alcohol<br>67-63-0                             |      | 888 mg/kg bw/day [4] [6] | 500 mg/m <sup>3</sup> [4] [6]                                                                                                      |

#### Notes

[4] Systemic health effects.  
[5] Local health effects.  
[6] Long term.  
[7] Short term.

#### Derived No Effect Level (DNEL) - General Public

| Chemical name              | Oral                     | Dermal | Inhalation                                                                                                                       |
|----------------------------|--------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------|
| Acetone<br>67-64-1         | 62 mg/kg bw/day [4] [6]  |        | 200 mg/m <sup>3</sup> [4] [6]                                                                                                    |
| Dimethyl ether<br>115-10-6 |                          |        | 471 mg/m <sup>3</sup> [4] [6]                                                                                                    |
| Ethyl acetate<br>141-78-6  | 4.5 mg/kg bw/day [4] [6] |        | 367 mg/m <sup>3</sup> [4] [6]<br>734 mg/m <sup>3</sup> [4] [7]<br>367 mg/m <sup>3</sup> [5] [6]<br>734 mg/m <sup>3</sup> [5] [7] |

| Chemical name                                         | Oral                        | Dermal | Inhalation                                                        |
|-------------------------------------------------------|-----------------------------|--------|-------------------------------------------------------------------|
| Propylene glycol monomethyl ether acetate<br>108-65-6 | 36 mg/kg bw/day [4] [6]     |        | 33 mg/m <sup>3</sup> [4] [6]<br>33 mg/m <sup>3</sup> [5] [6]      |
| 1-Butanol<br>71-36-3                                  | 1.5625 mg/kg bw/day [4] [6] |        | 55.357 mg/m <sup>3</sup> [4] [6]<br>155 mg/m <sup>3</sup> [5] [6] |
| Isopropyl alcohol<br>67-63-0                          | 26 mg/kg bw/day [4] [6]     |        | 89 mg/m <sup>3</sup> [4] [6]                                      |

**Notes**

|     |                          |
|-----|--------------------------|
| [4] | Systemic health effects. |
| [5] | Local health effects.    |
| [6] | Long term.               |
| [7] | Short term.              |

**Predicted No Effect Concentration (PNEC)**

| Chemical name                                         | Freshwater | Freshwater<br>(intermittent release) | Marine water | Marine water<br>(intermittent release) | Air |
|-------------------------------------------------------|------------|--------------------------------------|--------------|----------------------------------------|-----|
| Acetone<br>67-64-1                                    | 10.6 mg/L  | 21 mg/L                              | 1.06 mg/L    |                                        |     |
| Dimethyl ether<br>115-10-6                            | 0.155 mg/L | 1.549 mg/L                           | 0.016 mg/L   |                                        |     |
| Ethyl acetate<br>141-78-6                             | 0.24 mg/L  | 1.65 mg/L                            | 0.024 mg/L   |                                        |     |
| n-Butyl acetate<br>123-86-4                           | 0.18 mg/L  | 0.36 mg/L                            | 0.018 mg/L   |                                        |     |
| Propylene glycol monomethyl ether acetate<br>108-65-6 | 0.635 mg/L | 6.35 mg/L                            | 0.0635 mg/L  |                                        |     |
| 1-Butanol<br>71-36-3                                  | 0.082 mg/L | 2.25 mg/L                            | 0.0082 mg/L  |                                        |     |
| Isopropyl alcohol<br>67-63-0                          | 140.9 mg/L | 140.9 mg/L                           | 140.9 mg/L   |                                        |     |

| Chemical name                                         | Freshwater sediment     | Marine sediment          | Sewage treatment | Soil                 | Food chain     |
|-------------------------------------------------------|-------------------------|--------------------------|------------------|----------------------|----------------|
| Acetone<br>67-64-1                                    | 30.4 mg/kg sediment dw  | 3.04 mg/kg sediment dw   | 100 mg/L         | 29.5 mg/kg soil dw   |                |
| Dimethyl ether<br>115-10-6                            | 0.681 mg/kg sediment dw | 0.069 mg/kg sediment dw  | 160 mg/L         | 0.045 mg/kg soil dw  |                |
| Ethyl acetate<br>141-78-6                             | 1.15 mg/kg sediment dw  | 0.115 mg/kg sediment dw  | 650 mg/L         | 0.148 mg/kg soil dw  | 0.2 g/kg food  |
| n-Butyl acetate<br>123-86-4                           | 0.981 mg/kg sediment dw | 0.0981 mg/kg sediment dw | 35.6 mg/L        | 0.0903 mg/kg soil dw |                |
| Propylene glycol monomethyl ether acetate<br>108-65-6 | 3.29 mg/kg sediment dw  | 0.329 mg/kg sediment dw  | 100 mg/L         | 0.29 mg/kg soil dw   |                |
| 1-Butanol<br>71-36-3                                  | 0.324 mg/kg sediment dw | 0.0324 mg/kg sediment dw | 2476 mg/L        | 0.0166 mg/kg soil dw |                |
| Isopropyl alcohol<br>67-63-0                          | 552 mg/kg sediment dw   | 552 mg/kg sediment dw    | 2251 mg/L        | 28 mg/kg soil dw     | 160 mg/kg food |

**8.2. Exposure controls**

**Engineering controls** No information available.

**Personal protective equipment**

**Eye/face protection** Tight sealing safety goggles. Safety glasses with side shields are recommended for medical or industrial exposures.

**Hand protection** Impervious gloves. Wear suitable gloves.

**Skin and body protection** Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** 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. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection.

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

|                 |                          |
|-----------------|--------------------------|
| Physical state  | Aerosol                  |
| Appearance      | Aerosol                  |
| Colour          | white                    |
| Odour           | Slight.                  |
| Odour threshold | No information available |

| <u>Property</u>                         | <u>Values</u>                                                | <u>Remarks • Method</u> |
|-----------------------------------------|--------------------------------------------------------------|-------------------------|
| Melting point / freezing point          | No data available                                            | None known              |
| Initial boiling point and boiling range | No data available                                            | None known              |
| Flammability                            | No data available                                            | None known              |
| Flammability Limit in Air               |                                                              | None known              |
| Upper flammability or explosive limits  | 26.2 Vol % (115-10-6 dimethyl ether)                         |                         |
| Lower flammability or explosive limits  | 2.6 Vol % (67-64-1 acetone)                                  |                         |
| Flash point                             | 0 °C                                                         | None known              |
| Autoignition temperature                | 240 °C                                                       | 240°C                   |
| Decomposition temperature               |                                                              | None known              |
| pH                                      | No data available                                            | None known              |
| pH (as aqueous solution)                | No data available                                            | None known              |
| Kinematic viscosity                     | No data available                                            | None known              |
| Dynamic viscosity                       | No data available                                            | None known              |
| Water solubility                        | No data available Insoluble in water., Immiscible with water | None known              |
| Solubility(ies)                         | No data available                                            | None known              |
| Partition coefficient                   | No data available                                            | None known              |
| Vapour pressure                         | No data available                                            | None known              |
| Relative density                        | 0.748 @ °C                                                   | None known              |
| Bulk density                            | No data available                                            |                         |
| Liquid Density                          | No data available                                            |                         |
| Relative vapour density                 | No data available                                            | None known              |

**Particle characteristics**

|                            |                          |
|----------------------------|--------------------------|
| Particle Size              | No information available |
| Particle Size Distribution | No information available |
| Explosive properties       | No information available |
| Oxidising properties       | No information available |

**9.2. Other information**

|             |        |
|-------------|--------|
| VOC content | 90.20% |
|-------------|--------|

**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. |
|---------------------|--------------------------|

**10.5. Incompatible materials**

|                        |                                           |
|------------------------|-------------------------------------------|
| Incompatible materials | None known based on information supplied. |
|------------------------|-------------------------------------------|

**10.6. Hazardous decomposition products**

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| Hazardous decomposition products | None known based on information supplied. |
|----------------------------------|-------------------------------------------|

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Information on likely routes of exposure****Product Information**

|              |                                                                                                                                                                                                                                                 |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation   | Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. May cause drowsiness or dizziness. |
| Eye contact  | Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.                                                                                   |
| Skin contact | Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation. Causes mild skin irritation.                                                                        |
| 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** 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 values are calculated based on chapter 3.1 of the GHS document

|                               |                  |
|-------------------------------|------------------|
| ATEmix (oral)                 | 28,571.40 mg/kg  |
| ATEmix (dermal)               | 405,900.00 mg/kg |
| ATEmix (inhalation-gas)       | 99,999.00 ppm    |
| ATEmix (inhalation-vapour)    | 3,010.0200 mg/l  |
| ATEmix (inhalation-dust/mist) | 99,999.00 mg/l   |

**Component Information**

| Chemical name     | Oral LD50             | Dermal LD50              | Inhalation LC50                       |
|-------------------|-----------------------|--------------------------|---------------------------------------|
| Acetone           | = 5800 mg/kg ( Rat )  | > 15700 mg/kg ( Rabbit ) | = 50100 mg/m <sup>3</sup> ( Rat ) 8 h |
| Ethyl acetate     | = 5620 mg/kg ( Rat )  | > 18000 mg/kg ( Rabbit ) | = 4000 ppm ( Rat ) 4 h                |
| n-Butyl acetate   | = 10800 mg/kg ( Rat ) | > 17600 mg/kg ( Rabbit ) | = >21 mg/L ( Rat ) 4 h                |
| 1-Butanol         | = 2292 mg/kg ( Rat )  | 3430 mg/kg (rabbit)      | > 8000 ppm ( Rat ) 4 h                |
| Isopropyl alcohol | = 1870 mg/kg ( Rat )  | = 4059 mg/kg ( Rabbit )  | > 10000 ppm ( Rat ) 6 h               |

**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 mild skin irritation.

**Serious eye damage/eye irritation** Classification based on data available for ingredients. Causes serious eye irritation.

**Respiratory or skin sensitisation** No information available.

**Germ cell mutagenicity** No information available.

| Chemical name | United Kingdom |
|---------------|----------------|
| Propane       | Muta. 1B       |
| n-Butane      | Muta. 1B       |
| Isobutane     | Muta. 1B       |

**Carcinogenicity** No information available.

| Chemical name | United Kingdom |
|---------------|----------------|
| Propane       | Carc. 1A       |
| n-Butane      | Carc. 1A       |
| Isobutane     | Carc. 1A       |

**Reproductive toxicity** No information available.

STOT - single exposure May cause drowsiness or dizziness.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

Other adverse effects No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicity

Unknown aquatic toxicity Contains 0 % of components with unknown hazards to the aquatic environment.

| Chemical name     | Algae/aquatic plants                                                                             | Fish                                                                                                                                                                                                    | Toxicity to microorganisms | Crustacea                                                                                    |
|-------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------------------------------------------------------------------|
| Acetone           | -                                                                                                | LC50: 4.74 - 6.33mL/L (96h, Oncorhynchus mykiss)<br>LC50: 6210 - 8120mg/L (96h, Pimephales promelas)<br>LC50: =8300mg/L (96h, Lepomis macrochirus)                                                      | -                          | EC50: 10294 - 17704mg/L (48h, Daphnia magna)<br>EC50: 12600 - 12700mg/L (48h, Daphnia magna) |
| Ethyl acetate     | -                                                                                                | LC50: 220 - 250mg/L (96h, Pimephales promelas)<br>LC50: =484mg/L (96h, Oncorhynchus mykiss)<br>LC50: 352 - 500mg/L (96h, Oncorhynchus mykiss)                                                           | -                          | EC50: =560mg/L (48h, Daphnia magna)                                                          |
| n-Butyl acetate   | EC50: =674.7mg/L (72h, Desmodesmus subspicatus)                                                  | LC50: =100mg/L (96h, Lepomis macrochirus)<br>LC50: 17 - 19mg/L (96h, Pimephales promelas)                                                                                                               | -                          | -                                                                                            |
| 1-Butanol         | EC50: >500mg/L (96h, Desmodesmus subspicatus)<br>EC50: >500mg/L (72h, Desmodesmus subspicatus)   | LC50: 1730 - 1910mg/L (96h, Pimephales promelas)<br>LC50: =1740mg/L (96h, Pimephales promelas)<br>LC50: 100000 - 500000µg/L (96h, Lepomis macrochirus)<br>LC50: =1910000µg/L (96h, Pimephales promelas) | -                          | EC50: =1983mg/L (48h, Daphnia magna)<br>EC50: 1897 - 2072mg/L (48h, Daphnia magna)           |
| Isopropyl alcohol | EC50: >1000mg/L (96h, Desmodesmus subspicatus)<br>EC50: >1000mg/L (72h, Desmodesmus subspicatus) | LC50: =9640mg/L (96h, Pimephales promelas)<br>LC50: =11130mg/L (96h, Pimephales promelas)<br>LC50: >1400000µg/L                                                                                         | -                          | EC50: =13299mg/L (48h, Daphnia magna)                                                        |

|  |              |                            |  |  |
|--|--------------|----------------------------|--|--|
|  | subspicatus) | (96h, Lepomis macrochirus) |  |  |
|--|--------------|----------------------------|--|--|

**12.2. Persistence and degradability**

**Persistence and degradability** No information available.

**12.3. Bioaccumulative potential****Bioaccumulation****Component Information**

| Chemical name     | Partition coefficient |
|-------------------|-----------------------|
| Acetone           | -0.24                 |
| Ethyl acetate     | 0.73                  |
| n-Butyl acetate   | 2.3                   |
| 1-Butanol         | 1                     |
| Isopropyl alcohol | 0.05                  |

**12.4. Mobility in soil**

**Mobility in soil** No information available.

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

**PBT and vPvB assessment** The product does not contain any substance(s) classified as PBT or vPvB above the threshold of declaration.

| Chemical name     | PBT and vPvB assessment         |
|-------------------|---------------------------------|
| Acetone           | The substance is not PBT / vPvB |
| Ethyl acetate     | The substance is not PBT / vPvB |
| Propane           | The substance is not PBT / vPvB |
| n-Butyl acetate   | The substance is not PBT / vPvB |
| n-Butane          | The substance is not PBT / vPvB |
| Isobutane         | The substance is not PBT / vPvB |
| 1-Butanol         | The substance is not PBT / vPvB |
| Isopropyl alcohol | The substance is not PBT / vPvB |

**12.6. Other adverse effects**

No information available.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

**Waste from residues/unused products** Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

**SECTION 14: Transport information****IATA**

**14.1 UN number or ID number** UN1950

|                                   |                                  |
|-----------------------------------|----------------------------------|
| 14.2 UN proper shipping name      | Aerosols, flammable              |
| 14.3 Transport hazard class(es)   | 2.1                              |
| 14.4 Packing group                | Not regulated                    |
| Description                       | UN1950, Aerosols, flammable, 2.1 |
| 14.5 Environmental hazards        | No                               |
| 14.6 Special precautions for user |                                  |
| Special Provisions                | A145, A167, A802                 |
| ERG Code                          | 10L                              |

**IMDG**

|                                                              |                                 |
|--------------------------------------------------------------|---------------------------------|
| 14.1 UN number or ID number                                  | UN1950                          |
| 14.2 UN proper shipping name                                 | Aerosols                        |
| 14.3 Transport hazard class(es)                              | 2.1                             |
| 14.4 Packing group                                           | Not regulated                   |
| Description                                                  | UN1950, Aerosols, 2.1           |
| 14.5 Environmental hazards                                   | No                              |
| 14.6 Special precautions for user                            |                                 |
| Special Provisions                                           | 63,190, 277, 327, 344, 381, 959 |
| EmS-No.                                                      | F-D, S-U                        |
| 14.7 Maritime transport in bulk according to IMO instruments | No information available        |

**RID**

|                                   |                       |
|-----------------------------------|-----------------------|
| 14.1 UN number or ID number       | UN1950                |
| 14.2 UN proper shipping name      | Aerosols              |
| 14.3 Transport hazard class(es)   | 2.2                   |
| 14.4 Packing group                | Not regulated         |
| Description                       | UN1950, Aerosols, 2.2 |
| 14.5 Environmental hazards        | No                    |
| 14.6 Special precautions for user |                       |
| Special Provisions                | 190, 327, 344, 625    |
| Classification code               | 5A                    |

**ADR**

|                                   |                            |
|-----------------------------------|----------------------------|
| 14.1 UN number or ID number       | UN1950                     |
| 14.2 UN proper shipping name      | Aerosols                   |
| 14.3 Transport hazard class(es)   | 2.2                        |
| 14.4 Packing group                | Not regulated              |
| Description                       | UN1950, Aerosols, 2.2, (E) |
| 14.5 Environmental hazards        | No                         |
| 14.6 Special precautions for user |                            |
| Special Provisions                | 327, 625, 344, 190         |
| Classification code               | 5A                         |
| Tunnel restriction code           | (E)                        |

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****Authorisations and/or restrictions on use:**

This product does not contain substances subject to authorisation (UK REACH - Annex XIV). This product does not contain substances subject to restriction (UK REACH - Annex XVII).

| Chemical name       | Restricted substance per REACH Annex XVII | Substance subject to authorisation per REACH Annex XIV |
|---------------------|-------------------------------------------|--------------------------------------------------------|
| Propane - 74-98-6   | Use restricted. See item 28.              | -                                                      |
| n-Butane - 106-97-8 | Use restricted. See item 28.              | -                                                      |

|                     |                                                                                                                   |   |
|---------------------|-------------------------------------------------------------------------------------------------------------------|---|
|                     | Use restricted. See item 29.<br>Restricted Carcinogen 1A<br>Restricted Mutagen 1B                                 |   |
| Isobutane - 75-28-5 | Use restricted. See item 28.<br>Use restricted. See item 29.<br>Restricted Carcinogen 1A<br>Restricted Mutagen 1B | - |

**Persistent Organic Pollutants**

Not applicable

**Export Notification requirements**

Not applicable

**Dangerous substance category per COMAH Regulations 2015 (as amended)**

P3a - FLAMMABLE AEROSOLS

P3b - FLAMMABLE AEROSOLS

**Named dangerous substances per COMAH Regulations 2015 (as amended)**

Not applicable

**The Ozone-Depleting Substances Regulations 2015**

Not applicable

**The Biocidal Products Regulations 2001 (as amended)**

| Chemical name               | The Biocidal Products Regulations 2001 (as amended)                                                                                                                   |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Isopropyl alcohol - 67-63-0 | Product-type 2: Disinfectants and algicides not intended for direct application to humans or animals Product-type 4: Food and feed area Product-type 1: Human hygiene |

**The Water Environment (Water Framework Directive) (England and Wales) Regulations 2017 (as amended)**

Not applicable

**Poisons Act 1972 (Explosive Precursors) Regulations (as Amended)**

| Chemical name | Poisons and Explosive Precursors |
|---------------|----------------------------------|
| Acetone       | Explosive precursor, Reportable  |

**International Inventories**

|                      |                                                  |
|----------------------|--------------------------------------------------|
| <b>TSCA</b>          | Contact supplier for inventory compliance status |
| <b>DSL/NDL</b>       | Contact supplier for inventory compliance status |
| <b>EINECS/ELINCS</b> | Contact supplier for inventory compliance status |
| <b>ENCS</b>          | Contact supplier for inventory compliance status |
| <b>IECSC</b>         | Contact supplier for inventory compliance status |
| <b>KECL</b>          | Contact supplier for inventory compliance status |
| <b>PICCS</b>         | Contact supplier for inventory compliance status |
| <b>AIIC</b>          | Contact supplier for inventory compliance status |
| <b>NZIoC</b>         | Contact supplier for inventory compliance status |

**Legend:****TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS** - Japan Existing and New Chemical Substances**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AIIC** - Australian Inventory of Industrial Chemicals  
**NZIoC** - New Zealand Inventory of Chemicals

## 15.2. Chemical safety assessment

**Chemical Safety Report** No information available

## SECTION 16: Other information

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

#### Full text of H-Statements referred to under section 3

H225 - Highly flammable liquid and vapour  
 H226 - Flammable liquid and vapour  
 H302 - Harmful if swallowed  
 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

SVHC: Substances of Very High Concern for Authorisation:

#### Legend Section 8: Exposure controls/personal protection

|         |                             |      |                                  |
|---------|-----------------------------|------|----------------------------------|
| TWA     | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value         | *    | Skin designation                 |
| +       | Sensitisers                 |      |                                  |

#### Classification procedure

|                                                                 |                       |
|-----------------------------------------------------------------|-----------------------|
| Classification according to Regulation (EC) No. 1272/2008 [CLP] | Method Used           |
| Acute oral toxicity                                             | Calculation method    |
| Acute dermal toxicity                                           | Calculation method    |
| Acute inhalation toxicity - gas                                 | Calculation method    |
| Acute inhalation toxicity - vapour                              | Calculation method    |
| Acute inhalation toxicity - dust/mist                           | Calculation method    |
| Skin corrosion/irritation                                       | Calculation method    |
| Serious eye damage/eye irritation                               | Calculation method    |
| Respiratory sensitisation                                       | Calculation method    |
| Skin sensitisation                                              | Calculation method    |
| Mutagenicity                                                    | Calculation method    |
| Carcinogenicity                                                 | Calculation method    |
| Reproductive toxicity                                           | Calculation method    |
| STOT - single exposure                                          | Calculation method    |
| STOT - repeated exposure                                        | Calculation method    |
| Chronic aquatic toxicity                                        | Calculation method    |
| Acute aquatic toxicity                                          | Calculation method    |
| Aspiration hazard                                               | On basis of test data |
| Ozone                                                           | Calculation method    |
| Flammable aerosol                                               | On basis of test data |

#### Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)  
 U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA\_RAC)  
 European Chemicals Agency (ECHA) (ECHA\_API)  
 EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGl(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 National Institute of Technology and Evaluation (NITE)  
 Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
 NIOSH (National Institute for Occupational Safety and Health)  
 National Library of Medicine's ChemID Plus (NLM CIP)  
 National Library of Medicine's PubMed database (NLM PUBMED)  
 National Toxicology Program (NTP)  
 New Zealand's Chemical Classification and Information Database (CCID)  
 Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications  
 Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme  
 Organisation for Economic Co-operation and Development Screening Information Data Set  
 World Health Organization

Revision date 11/02/2025

This material safety data sheet complies with the requirements of UK REACH Regulations (SI 2019/758 as amended)  
 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

#### 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**

#### UK SDS version information - XGHS

UL release:  
 GHS Revision 7  
 2022 Q1

#### United Kingdom

Partial process, including GHS Wizard, NO TW

|                                                    |            |
|----------------------------------------------------|------------|
| Specific target organ toxicity — single exposure   | Category 3 |
| Category 3 Target organ effects: Narcotic effects. |            |

Full text of H-Statements referred to under section 3 H225 - Highly flammable liquid and vapour H226 - Flammable liquid and vapour H302 - Harmful if swallowed 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

| Chemical name   | Classification according to GB CLP (SI 2020/1567 as amended)               | Specific concentration limit (SCL) |
|-----------------|----------------------------------------------------------------------------|------------------------------------|
| Acetone         | (EUH066)<br>Flam. Liq. 2 (H225)<br>Eye Irrit. 2 (H319)<br>STOT SE 3 (H336) |                                    |
| Ethyl acetate   | (EUH066)<br>Flam. Liq. 2 (H225)<br>Eye Irrit. 2 (H319)<br>STOT SE 3 (H336) |                                    |
| Propane         | Flam. Gas 1 (H220)                                                         |                                    |
| n-Butyl acetate | (EUH066)<br>Flam. Liq. 3 (H226)<br>STOT SE 3 (H336)                        |                                    |
| n-Butane        | Flam. Gas 1 (H220)                                                         |                                    |

|                   |                                                                                                                                 |  |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------|--|
|                   | Press. Gas ()                                                                                                                   |  |
| Isobutane         | Flam. Gas 1 (H220)<br>Press. Gas                                                                                                |  |
| 1-Butanol         | Flam. Liq. 3 (H226)<br>Acute Tox. 4 (H302)<br>Skin Irrit. 2 (H315)<br>Eye Dam. 1 (H318)<br>STOT SE 3 (H335)<br>STOT SE 3 (H336) |  |
| Isopropyl alcohol | Flam. Liq. 2 (H225)<br>Eye Irrit. 2 (H319)<br>STOT SE 3 (H336)                                                                  |  |