

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

Revision date 16-Jun-2026

Revision Number 1

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

### 1.1. Product identifier

Product Code(s) 127893  
Safety data sheet number 127893  
Product Name UPOL MATT BLACK PAINT  
Pure substance/mixture Mixture

Contains LIQUEFIED PETROLEUM GAS; ACETONE; n-BUTYL ACETATE ; BUTANONE; HYDROCARBONS C9 AROMATICS; REACTION MASS OF ETHYLBENZENE AND M-XYLENE AND P-XYLENE; 2-METHOXY-1-METHYLETHYL ACETATE

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

Recommended use Coatings  
For professional users only

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

**Supplier**  
Univar Solutions UK Ltd  
Aquarius House  
6 Mid Point Business Park  
Bradford  
GBR

For further information, please contact

E-mail address SDS.EMEA@univarsolutions.com  
Non-Emergency Telephone Number +44 1274 267300 / +44 1274 267306

### 1.4. Emergency telephone number

Emergency Telephone SGS - +32 (0)3 575 55 55 (24h)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

### 2.2. Label elements

Contains LIQUEFIED PETROLEUM GAS; ACETONE; n-BUTYL ACETATE ; BUTANONE; HYDROCARBONS C9 AROMATICS; REACTION MASS OF ETHYLBENZENE AND M-XYLENE AND P-XYLENE; 2-METHOXY-1-METHYLETHYL ACETATE

**Signal word**

Danger

**Hazard statements**

H319 - Causes serious eye irritation

H336 - May cause drowsiness or dizziness

H222 - Extremely flammable aerosol

H229 - Pressurised container: May burst if heated

EUH208 - Contains A MIXTURE OF:

A-3-(3-(2H-BENZOTRIAZOL-2-YL)-5-TERT-BUTYL-4-HYDROXYPHENYL)PROPIONYL-Ω-HYDROXYPOLY(OXYETHYLENE); A-3-(3-(2H-BENZOTRIAZOL-2-YL)-5-TERT-BUTYL-4-HYDROXYPHENYL)PROPIONYL-Ω-3-(3-(2H-BENZOTRIAZOL-2-YL)-5-TERT-BUTYL-4-HYDROXYPHENYL)PROPIONYLOXYPOLY(OXYETHYLENE); REACTION MASS OF BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE.

May produce an allergic reaction.

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 protective gloves/protective clothing/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<br>67-64-1 | >=25-<=50% | 200-662-2           | -                            | Flam. Liq. 2 (H225)<br>Eye Irrit. 2 (H319)<br>STOT SE 3 (H336) | -                                  | -        | -                    |

|                                                                                                                                                                                                                                                                                                                                                         |                |                                 |                          |                                                                                                                                                                                |   |   |   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|
|                                                                                                                                                                                                                                                                                                                                                         |                |                                 |                          | (EUH066)                                                                                                                                                                       |   |   |   |
| LIQUEFIED<br>PETROLEUM GAS<br>68476-85-7                                                                                                                                                                                                                                                                                                                | >=25-<=5<br>0% | 270-704-2                       | -                        | Flam. Gas 1A (H220)<br>Press. Gas (Comp.)<br>(H280)                                                                                                                            | - | - | - |
| n-BUTYL ACETATE<br>123-86-4                                                                                                                                                                                                                                                                                                                             | <=5%           | 204-658-1<br>(607-025-00<br>-1) | -                        | Flam. Liq. 3 (H226)<br>STOT SE 3 (H336)<br>(EUH066)                                                                                                                            | - | - | - |
| BUTANONE<br>78-93-3                                                                                                                                                                                                                                                                                                                                     | <=5%           | 201-159-0<br>(606-002-00<br>-3) | 01-1376353405-7-XXX<br>X | Flam. Liq. 2 (H225)<br>Eye Irrit. 2 (H319)<br>STOT SE 3 (H336)<br>(EUH066)                                                                                                     | - | - | - |
| HYDROCARBONS<br>C9 AROMATICS<br>128601-23-0                                                                                                                                                                                                                                                                                                             | <2.5%          | 918-668-5                       | -                        | Flam. Liq. 3 (H226)<br>STOT SE 3 (H335)<br>(H336)<br>Asp. Tox. 1 (H304)<br>Aquatic Chronic 2<br>(H411)                                                                         | - | - | - |
| REACTION MASS<br>OF<br>ETHYLBENZENE<br>AND M-XYLENE<br>AND P-XYLENE<br>-                                                                                                                                                                                                                                                                                | <=3%           | 905-562-9                       | -                        | Flam. Liq. 3 (H226)<br>Acute Tox. 4 (H312)<br>Acute Tox. 4 (H332)<br>Skin Irrit. 2 (H315)<br>Eye Irrit. 2 (H319)<br>STOT SE 3 (H335)<br>STOT RE 2 (H373)<br>Asp. Tox. 1 (H304) | - | - | - |
| 2-METHOXY-1-ME<br>THYLETHYL<br>ACETATE<br>108-65-6                                                                                                                                                                                                                                                                                                      | <=5%           | 203-603-9<br>(607-195-00<br>-7) | -                        | Flam. Liq. 3 (H226)<br>STOT SE 3 (H336)                                                                                                                                        | - | - | - |
| REACTION MASS<br>OF<br>BIS(1,2,2,6,6-PENT<br>AMETHYL-4-PIPER<br>IDYL) SEBACATE<br>AND METHYL<br>1,2,2,6,6-PENTAME<br>THYL-4-PIPERIDYL<br>SEBACATE<br>1065336-91-5                                                                                                                                                                                       | <0.1%          | 915-687-0                       | -                        | Skin Sens. 1A (H317)<br>Repr. 2 (H361)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 1<br>(H410)                                                                                | - | - | - |
| A MIXTURE OF:<br>A-3-(3-(2H-BENZOT<br>RIAZOL-2-YL)-5-TE<br>RT-BUTYL-4-HYDR<br>OXYPHENYL)PRO<br>PIONYL-Ω-HYDRO<br>XYPOLY(OXYETHY<br>LENE);<br>A-3-(3-(2H-BENZOT<br>RIAZOL-2-YL)-5-TE<br>RT-BUTYL-4-HYDR<br>OXYPHENYL)PRO<br>PIONYL-Ω-3-(3-(2H<br>-BENZOTRIAZOL-2<br>-YL)-5-TERT-BUTY<br>L-4-HYDROXYPHE<br>NYL)PROPIONYLO<br>XYPOLY(OXYETHY<br>LENE)<br>- | <0.1%          | 400-830-7                       | -                        | Skin Sens. 1A (H317)<br>Aquatic Chronic 2<br>(H411)                                                                                                                            | - | - | - |

**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. Rinse mouth thoroughly with water. If breathing is irregular or stopped, administer artificial respiration. 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**

|                   |                                                                                                                                                                                                                                         |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Symptoms</b>   | 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. |
| <b>Inhalation</b> | Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.                                                                                                                   |
| <b>Eyes</b>       | Burning sensation. May cause redness and tearing of the eyes.                                                                                                                                                                           |
| <b>Dermal</b>     | The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals in contact with skin. Repeated exposure may cause skin dryness or cracking.                             |
| <b>Ingestion</b>  | Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea                                                                                                                                                         |

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

|                        |                        |
|------------------------|------------------------|
| <b>Note to doctors</b> | Treat symptomatically. |
|------------------------|------------------------|

**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>Large Fire</b>                   | 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. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

**Hazardous combustion products** Carbon oxides. Nitrogen oxides (NO<sub>x</sub>).

### **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. Cool containers with flooding quantities of water until well after fire is out.

## **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.

**Methods for cleaning up** Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. 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** 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. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment.

**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. Ensure that eyewash stations and safety showers are close to the workstation location.

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

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 a cool, dry area away from potential sources of heat, open flames, sunlight or other chemicals. See section 10 for more information.

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

See section 1 for more information.

**Risk Management Methods (RMM)** 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                          | STEL: 500 ppm<br>STEL: 1210 mg/m <sup>3</sup><br>STEL: 3620 mg/m <sup>3</sup><br>STEL: 1500 ppm   |
| LIQUEFIED PETROLEUM GAS<br>68476-85-7       | TWA: 1000 ppm<br>TWA: 1750 mg/m <sup>3</sup><br>STEL: 1250 ppm<br>STEL: 2180 mg/m <sup>3</sup>    |
| 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>        |
| BUTANONE<br>78-93-3                         | TWA: 200 ppm<br>TWA: 600 mg/m <sup>3</sup><br>STEL: 300 ppm<br>STEL: 899 mg/m <sup>3</sup><br>Sk* |
| 2-METHOXY-1-METHYLETHYL ACETATE<br>108-65-6 | TWA: 50 ppm<br>TWA: 274 mg/m <sup>3</sup><br>STEL: 100 ppm<br>STEL: 548 mg/m <sup>3</sup><br>Sk*  |

**Biological occupational exposure limits**

| Chemical name       | United Kingdom                               |
|---------------------|----------------------------------------------|
| BUTANONE<br>78-93-3 | 70 µmol/L - urine (Butan-2-one) - post shift |

**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]                                                                 |
| LIQUEFIED PETROLEUM GAS<br>68476-85-7                                                                                                                |      | 23.4 mg/kg bw/day [4] [6]            |                                                                                                                                  |
| n-BUTYL ACETATE<br>123-86-4                                                                                                                          |      | 11 mg/kg [4] [6]<br>11 mg/kg [4] [7] | 300 mg/m <sup>3</sup> [4] [6]<br>300 mg/m <sup>3</sup> [5] [6]<br>600 mg/m <sup>3</sup> [4] [7]<br>600 mg/m <sup>3</sup> [5] [7] |
| BUTANONE<br>78-93-3                                                                                                                                  |      | 1161 mg/kg [4] [6]                   | 600 mg/m <sup>3</sup> [4] [6]                                                                                                    |
| HYDROCARBONS C9 AROMATICS<br>128601-23-0                                                                                                             |      | 25 mg/kg/bw/day [4] [6]              | 150 mg/m <sup>3</sup> [4] [6]                                                                                                    |
| 2-METHOXY-1-METHYLETHYL<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]                                                                   |
| REACTION MASS OF<br>BIS(1,2,2,6,6-PENTAMETHYL-4-PIPE<br>RIDYL) SEBACATE AND METHYL<br>1,2,2,6,6-PENTAMETHYL-4-PIPERID<br>YL SEBACATE<br>1065336-91-5 |      | 0.5 mg/kg bw/day [4] [6]             | 0.68 mg/m <sup>3</sup> [4] [6]                                                                                                   |

|     |                          |
|-----|--------------------------|
| [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]                                                                                                      |
| n-BUTYL ACETATE<br>123-86-4                    | 2 mg/kg [4] [6]<br>2 mg/kg [4] [7] | 6 mg/kg [4] [6]<br>6 mg/kg [4] [7] | 35.7 mg/m <sup>3</sup> [4] [6]<br>35.7 mg/m <sup>3</sup> [5] [6]<br>300 mg/m <sup>3</sup> [4] [7]<br>300 mg/m <sup>3</sup> [5] [7] |
| BUTANONE<br>78-93-3                            | 31 mg/kg [4] [6]                   | 412 mg/kg [4] [6]                  | 106 mg/m <sup>3</sup> [4] [6]                                                                                                      |
| 2-METHOXY-1-METHYLETHYL<br>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]                                                                       |
| REACTION MASS OF                               | 0.05 mg/kg bw/day [4] [6]          |                                    | 0.17 mg/m <sup>3</sup> [4] [6]                                                                                                     |

| Chemical name                                                                                                         | Oral | Dermal | Inhalation |
|-----------------------------------------------------------------------------------------------------------------------|------|--------|------------|
| BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE<br>1065336-91-5 |      |        |            |

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

**Predicted No Effect Concentration (PNEC)**

| Chemical name                                                                                                                          | Freshwater  | Freshwater (intermittent release) | Marine water | Marine water (intermittent release) | Air |
|----------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------|--------------|-------------------------------------|-----|
| ACETONE<br>67-64-1                                                                                                                     | 10.6 mg/L   | 21 mg/L                           | 1.06 mg/L    |                                     |     |
| n-BUTYL ACETATE<br>123-86-4                                                                                                            | 0.18 mg/L   | 0.36 mg/L                         | 0.018 mg/L   |                                     |     |
| BUTANONE<br>78-93-3                                                                                                                    | 55.8 mg/l   | 55.8 mg/l                         | 55.8 mg/l    |                                     |     |
| 2-METHOXY-1-METHYLETHYL ACETATE<br>108-65-6                                                                                            | 0.635 mg/L  | 6.35 mg/L                         | 0.0635 mg/L  |                                     |     |
| REACTION MASS OF BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE<br>1065336-91-5 | 0.0022 mg/L | 0.009 mg/L                        | 0.00022 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 |                 |
| n-BUTYL ACETATE<br>123-86-4                                                                                                            | 0.981 mg/kg            | 0.098 mg/kg             | 35.6 mg/L        | 0.09 mg/kg         |                 |
| BUTANONE<br>78-93-3                                                                                                                    | 284.7 mg/kg            | 284.7 mg/kg             | 709 mg/l         | 22.5 mg/kg         | 1000 mg/kg food |
| 2-METHOXY-1-METHYLETHYL 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 |                 |
| REACTION MASS OF BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE<br>1065336-91-5 | 1.05 mg/kg sediment dw | 0.11 mg/kg sediment dw  | 1 mg/L           | 0.21 mg/kg soil dw |                 |

**8.2. Exposure controls**

**Engineering controls** Apply technical measures to comply with the occupational exposure limits. Use explosion-proof ventilating equipment. Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

### Personal protective equipment

**Eye/face protection** Tight sealing safety goggles. Use eye protection according to EN ISO 16321-1.

**Hand protection** Impervious gloves. Wear suitable gloves. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Gloves must conform to standard EN 374.

| Gloves              |                      |                 |                    |
|---------------------|----------------------|-----------------|--------------------|
| Duration of contact | PPE - Glove material | Glove thickness | Break through time |
|                     | Nitrile rubber       | 0.2 mm          | <1 hours           |
| Short term          | Nitrile rubber       | >=0.5 mm        |                    |

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

**Respiratory protection** When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. ABEK2P3. According to standard EN 14387.

**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. Ensure that eyewash stations and safety showers are close to the workstation location.

## **SECTION 9: Physical and chemical properties**

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

**Physical state** Liquid  
**Appearance** Liquid  
**Colour** Black  
**Odour** Characteristic.  
**Odour threshold** No information available

| <u>Property</u>                                | <u>Values</u>    | <u>Remarks • Method</u>   |
|------------------------------------------------|------------------|---------------------------|
| <b>Melting point / freezing point</b>          |                  | No information available. |
| <b>Initial boiling point and boiling range</b> |                  | No information available. |
| <b>Flammability</b>                            |                  | No information available. |
| <b>Flammability Limit in Air</b>               |                  | No information available. |
| <b>Upper flammability or explosive limits</b>  | 12.8%            |                           |
| <b>Lower flammability or explosive limits</b>  | 1.2%             |                           |
| <b>Flash point</b>                             | - 60 °C          | CC (closed cup).          |
| <b>Autoignition temperature</b>                | 280 °C           | No information available. |
| <b>Decomposition temperature</b>               |                  | No information available. |
| <b>pH</b>                                      |                  | No information available. |
| <b>pH (as aqueous solution)</b>                |                  | No information available. |
| <b>Kinematic viscosity</b>                     |                  | No information available. |
| <b>Dynamic viscosity</b>                       |                  | No information available. |
| <b>Water solubility</b>                        | Soluble in water | No information available. |

|                               |                          |                           |
|-------------------------------|--------------------------|---------------------------|
| Solubility(ies)               |                          | No information available. |
| Partition coefficient         |                          | No information available. |
| Vapour pressure               | 1163.27 mm Hg            | No information available. |
| Relative density              | 0.676 g/cm <sup>3</sup>  | No information available. |
| Bulk density                  |                          | No information available  |
| Liquid Density                | No information available | No information available  |
| Relative vapour density       |                          | No information available. |
| Particle characteristics      |                          | No information available. |
| Particle Size                 | No information available |                           |
| Particle Size Distribution    | No information available |                           |
| Explosive properties          | No information available |                           |
| Oxidising properties          | No information available |                           |
| <b>9.2. Other information</b> |                          |                           |
| VOC content                   | 92.4 % (w/w)             |                           |

## 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 Flammable liquid and vapour. Vapours may form explosive mixtures with air. Keep away from the following materials to prevent strong exothermic reactions: Strong acids. Strong bases. Strong oxidising agents.

### 10.4. Conditions to avoid

Conditions to avoid Heat, flames and sparks. static discharge (electrostatic discharge).

### 10.5. Incompatible materials

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

### 10.6. Hazardous decomposition products

Hazardous decomposition products Carbon oxides. Nitrogen oxides (NO<sub>x</sub>).

## 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. May cause irritation of respiratory tract. May cause drowsiness or dizziness.

|                     |                                                                                                                                                       |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye contact</b>  | Causes serious eye irritation. (based on components). May cause redness, itching, and pain.                                                           |
| <b>Skin contact</b> | The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals in contact with skin. |
| <b>Ingestion</b>    | Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.                                                                      |

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

|                 |                                                                                                                                                                                                                      |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Symptoms</b> | 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

|                                      |                  |
|--------------------------------------|------------------|
| <b>ATEmix (dermal)</b>               | 110,000.00 mg/kg |
| <b>ATEmix (inhalation-vapour)</b>    | 1,100.00 mg/l    |
| <b>ATEmix (inhalation-dust/mist)</b> | 7.27 mg/l        |

#### Component Information

| Chemical name                                                                                                          | Oral LD50            | Dermal LD50              | Inhalation LC50         |
|------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------------|-------------------------|
| ACETONE                                                                                                                | = 5800 mg/kg ( Rat ) | > 15800 mg/kg ( Rabbit ) | = 76 mg/l ( Rat ) 4h    |
| n-BUTYL ACETATE                                                                                                        | > 5000 mg/kg (Rat)   | > 5000 mg/kg (Rabbit)    | = 0.74 mg/L ( Rat ) 4 h |
| BUTANONE                                                                                                               | = 2193 mg/kg ( Rat ) | > 8049 mg/kg (Rabbit)    | = 32 mg/l ( Mouse ) 4h  |
| HYDROCARBONS C9 AROMATICS                                                                                              | = 3500 mg/kg ( Rat ) | > 3160 mg/kg ( Rabbit )  | > 10.2 mg/l ( Rat ) 4h  |
| REACTION MASS OF ETHYLBENZENE AND M-XYLENE AND P-XYLENE                                                                | 3523 mg/kg           | 1100 mg/kg               | -                       |
| 2-METHOXY-1-METHYLETHYL ACETATE                                                                                        | 6190 mg/kg (Rat)     | >5000 mg/kg              | > 1728 ppm (4 h)        |
| REACTION MASS OF BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE | 3230 mg/kg           | -                        | -                       |

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

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| <b>Skin corrosion/irritation</b> | Repeated exposure may cause skin dryness or cracking. |
|----------------------------------|-------------------------------------------------------|

#### ACETONE (67-64-1)

| Method | Species | Exposure route | Effective dose | Exposure time | Results                                              |
|--------|---------|----------------|----------------|---------------|------------------------------------------------------|
|        |         |                |                |               | Repeated exposure may cause skin dryness or cracking |

#### n-BUTYL ACETATE (123-86-4)

| Method              | Species | Exposure route | Effective dose | Exposure time | Results        |
|---------------------|---------|----------------|----------------|---------------|----------------|
| Similar to OECD 404 | Rabbit  | Dermal         |                |               | Not classified |

## HYDROCARBONS C9 AROMATICS (128601-23-0)

| Method | Species | Exposure route | Effective dose | Exposure time | Results                                                                                          |
|--------|---------|----------------|----------------|---------------|--------------------------------------------------------------------------------------------------|
|        |         |                |                |               | Prolonged contact may cause slight skin irritation with local redness<br>Dryness and/or cracking |

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

## n-BUTYL ACETATE (123-86-4)

| Method   | Species | Exposure route | Effective dose | Exposure time | Results        |
|----------|---------|----------------|----------------|---------------|----------------|
| OECD 405 | Rabbit  | eye            |                |               | Not classified |

## HYDROCARBONS C9 AROMATICS (128601-23-0)

| Method | Species | Exposure route | Effective dose | Exposure time | Results                                                                                                                               |
|--------|---------|----------------|----------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------|
|        |         |                |                |               | Effects may be slow to heal. Corneal injury is unlikely<br>Vapor may cause eye irritation experienced as mild discomfort and redness. |

**Respiratory or skin sensitisation** The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals in contact with skin.

## n-BUTYL ACETATE (123-86-4)

| Method   | Species    | Exposure route | Results        |
|----------|------------|----------------|----------------|
| OECD 406 | Mouse      | Dermal         | Not classified |
| OECD 406 | Guinea pig | Dermal         | Not classified |

## HYDROCARBONS C9 AROMATICS (128601-23-0)

| Method | Species    | Exposure route | Results               |
|--------|------------|----------------|-----------------------|
|        | Guinea pig | Dermal         | Not a skin sensitiser |

**Germ cell mutagenicity** No information available.

## Component Information

## n-BUTYL ACETATE (123-86-4)

| Method | Species  | Results  |
|--------|----------|----------|
|        | in vitro | Negative |
|        | in vivo  | Negative |

## HYDROCARBONS C9 AROMATICS (128601-23-0)

| Method | Species  | Results                                                       |
|--------|----------|---------------------------------------------------------------|
|        | in vitro | Negative                                                      |
|        |          | Negative Did not show mutagenic effects in animal experiments |

**Carcinogenicity** No information available.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

**Reproductive toxicity** No information available.

n-BUTYL ACETATE (123-86-4)

| Method   | Species | Results        |
|----------|---------|----------------|
| OECD 416 | Rat     | Not classified |
| OECD 414 | Rat     | Not classified |

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

n-BUTYL ACETATE (123-86-4)

| Method | Species    | Exposure route | Effective dose | Exposure time | Results                           |
|--------|------------|----------------|----------------|---------------|-----------------------------------|
|        |            | Inhalation     |                |               | May cause drowsiness or dizziness |
|        | Rat        | Inhalation     | 2.6 mg/L       | 4 hours       | May cause damage to organs        |
|        | human data | Inhalation     |                |               | May cause drowsiness or dizziness |
|        |            | Oral           |                |               | May cause drowsiness or dizziness |

HYDROCARBONS C9 AROMATICS (128601-23-0)

| Method | Species | Exposure route | Effective dose | Exposure time | Results                                                                                                           |
|--------|---------|----------------|----------------|---------------|-------------------------------------------------------------------------------------------------------------------|
|        |         | Inhalation     |                |               | May cause respiratory irritation<br>May cause drowsiness or dizziness<br>respiratory tract Central nervous system |

2-METHOXY-1-METHYLETHYL ACETATE (108-65-6)

| Method | Species | Exposure route | Effective dose | Exposure time | Results          |
|--------|---------|----------------|----------------|---------------|------------------|
|        |         |                |                |               | Narcotic effects |

**STOT - repeated exposure** No information available.

Component Information

n-BUTYL ACETATE (123-86-4)

| Method | Species | Exposure route | Effective dose | Exposure time | Results        |
|--------|---------|----------------|----------------|---------------|----------------|
|        | Rat     | Inhalation     | 2.4 mg/L       | 14 weeks      | Not classified |
|        | Rabbit  | Inhalation     | 7.26 mg/L      | 13 days       | Not classified |

HYDROCARBONS C9 AROMATICS (128601-23-0)

| Method | Species | Exposure route | Effective dose | Exposure time | Results                                                 |
|--------|---------|----------------|----------------|---------------|---------------------------------------------------------|
|        |         |                |                |               | In animals, effects have been reported on the following |

|  |  |  |  |  |                               |
|--|--|--|--|--|-------------------------------|
|  |  |  |  |  | organs: Blood<br>Kidney Liver |
|  |  |  |  |  | Narcotic effects              |

**Aspiration hazard** No information available.

**Other adverse effects** No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity** The environmental impact of this product has not been fully investigated.

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

n-BUTYL ACETATE (123-86-4)

| Method                                                  | Species          | Endpoint type | Effective dose | Exposure time | Results                 |
|---------------------------------------------------------|------------------|---------------|----------------|---------------|-------------------------|
| Similar to OECD Test No. 203: Fish, Acute Toxicity Test | Fish             | LC50          | 18 mg/L        | 96 hours      | Harmful to aquatic life |
|                                                         | activated sludge | NOEC          | 1200 mg/L      | 24 hours      |                         |
|                                                         | Bacteria         | EC50          | 959 mg/L       | 18 hours      |                         |
|                                                         | Crustacea        | LC50          | 32 mg/L        | 48 hours      |                         |
|                                                         | Green Algae      | ErC50         | 647.7 mg/L     | 72 hours      |                         |
|                                                         | Water flea       | EC50          | 72.8 mg/L      | 24 hours      |                         |

BUTANONE (78-93-3)

| Method | Species | Endpoint type | Effective dose | Exposure time | Results |
|--------|---------|---------------|----------------|---------------|---------|
|        | Fish    | LC50          | 5.7 mg/L       | 96 hours      |         |

HYDROCARBONS C9 AROMATICS (128601-23-0)

| Method                                                      | Species                             | Endpoint type | Effective dose | Exposure time | Results |
|-------------------------------------------------------------|-------------------------------------|---------------|----------------|---------------|---------|
| OECD Test No. 203: Fish, Acute Toxicity Test or Equivalent. | Oncorhynchus mykiss (rainbow trout) | LC50          | 9.2 mg/L       | 96 hours      |         |
|                                                             | Mysidopsis bahia                    | LC50          | 2.0 mg/L       | 96 hours      |         |
|                                                             | Pseudokirchneriella subcapitata     | ErC50         | 2.9 mg/L       | 72 hours      |         |
|                                                             | Colinus virginianus                 | LC50          | > 6500 mg/kg   | 8 days        |         |
|                                                             | Colinus virginianus                 | LD50          | > 2150 mg/kg   | 21 days       |         |

| Chemical name                                                                                                          | Algae/aquatic plants | Fish                   | Toxicity to microorganisms | Crustacea               |
|------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------|----------------------------|-------------------------|
| REACTION MASS OF ETHYLBENZENE AND M-XYLENE AND P-XYLENE                                                                | -                    | LC50: 2.6 mg/l [96 hr] | -                          | EC50: 6.14 mg/l [48 hr] |
| REACTION MASS OF BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE | -                    | LC50: 0.9 mg/l [96 hr] | -                          | NOEC: 1 mg/l [21 Days]  |
| A MIXTURE OF:                                                                                                          | -                    | LC50: 2.8 mg/l [96 hr] | -                          | EC50: 4 mg/l [48 hr]    |

|                                                                                                                                                                                                                                                                   |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| A-3-(3-(2H-BENZOTRIAZOL-2-YL)-5-TERT-BUTYL-4-HYDROXYPHENYL)PROPIONYL-Ω-HYDROXYPOLY(OXYETHYLENE);<br>A-3-(3-(2H-BENZOTRIAZOL-2-YL)-5-TERT-BUTYL-4-HYDROXYPHENYL)PROPIONYL-Ω-3-(3-(2H-BENZOTRIAZOL-2-YL)-5-TERT-BUTYL-4-HYDROXYPHENYL)PROPIONYLOXYPOLY(OXYETHYLENE) |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|

**12.2. Persistence and degradability**

**Persistence and degradability** No information available.

n-BUTYL ACETATE (123-86-4)

| Method                                                                    | Exposure time | Value              | Results               |
|---------------------------------------------------------------------------|---------------|--------------------|-----------------------|
| OECD Test No. 301D: Ready Biodegradability: Closed Bottle Test (TG 301 D) | 28 days       | 98% Biodegradation | Readily biodegradable |

HYDROCARBONS C9 AROMATICS (128601-23-0)

**12.3. Bioaccumulative potential**

**Bioaccumulation** No information available.

**Component Information**

| Chemical name                                                                                                          | Partition coefficient |
|------------------------------------------------------------------------------------------------------------------------|-----------------------|
| ACETONE                                                                                                                | -0.24                 |
| LIQUEFIED PETROLEUM GAS                                                                                                | 2.8                   |
| n-BUTYL ACETATE                                                                                                        | 2.3                   |
| BUTANONE                                                                                                               | 0.29                  |
| 2-METHOXY-1-METHYLETHYL ACETATE                                                                                        | 1.2                   |
| REACTION MASS OF BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE | 2.77                  |

**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.

| Chemical name                                                                                                 | PBT and vPvB assessment         |
|---------------------------------------------------------------------------------------------------------------|---------------------------------|
| ACETONE                                                                                                       | The substance is not PBT / vPvB |
| LIQUEFIED PETROLEUM GAS                                                                                       | The substance is not PBT / vPvB |
| n-BUTYL ACETATE                                                                                               | The substance is not PBT / vPvB |
| BUTANONE                                                                                                      | The substance is not PBT / vPvB |
| HYDROCARBONS C9 AROMATICS                                                                                     | The substance is not PBT / vPvB |
| 2-METHOXY-1-METHYLETHYL ACETATE                                                                               | The substance is not PBT / vPvB |
| REACTION MASS OF BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL | The substance is not PBT / vPvB |

SEBACATE

**12.6. Other adverse effects**

No information available.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Waste from residues/unused products**

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

**Contaminated packaging**

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

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

|                                          |                     |
|------------------------------------------|---------------------|
| <b>14.1 UN number or ID number</b>       | UN1950              |
| <b>14.2 UN proper shipping name</b>      | AEROSOLS, FLAMMABLE |
| <b>14.3 Transport hazard class(es)</b>   | 2.1                 |
| <b>14.4 Packing group</b>                | Not regulated       |
| <b>14.5 Environmental hazards</b>        | No                  |
| <b>14.6 Special precautions for user</b> |                     |
| <b>Special Provisions</b>                | A145, A167, A802    |
| <b>ERG Code</b>                          | 10L                 |

**IMDG**

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

**RID**

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

**ADR**

|                                          |               |
|------------------------------------------|---------------|
| <b>14.1 UN number or ID number</b>       | UN1950        |
| <b>14.2 UN proper shipping name</b>      | AEROSOLS      |
| <b>14.3 Transport hazard class(es)</b>   | 2.2           |
| <b>14.4 Packing group</b>                | Not regulated |
| <b>14.5 Environmental hazards</b>        | No            |
| <b>14.6 Special precautions for user</b> |               |

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 contains one or more substances subject to restriction (UK REACH - Annex XVII).

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

##### Product restricted per REACH Annex XVII: 3

| Chemical name     | Restricted substance per REACH Annex XVII | Substance subject to authorisation per REACH Annex XIV |
|-------------------|-------------------------------------------|--------------------------------------------------------|
| ACETONE - 67-64-1 | 3, 40, 75                                 | -                                                      |

##### Persistent Organic Pollutants

Not applicable

##### Export Notification requirements

Not applicable

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

P3a - FLAMMABLE AEROSOLS

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

| Chemical name                        | Lower-tier requirements (tons) | Upper-tier requirements (tons) |
|--------------------------------------|--------------------------------|--------------------------------|
| LIQUEFIED PETROLEUM GAS - 68476-85-7 | 50                             | 200                            |

##### The Ozone-Depleting Substances Regulations 2015

Not applicable

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

Not applicable

##### 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

TSCA

Contact supplier for inventory compliance status

DSL/NDL

Contact supplier for inventory compliance status

EINECS/ELINCS

Contact supplier for inventory compliance status

ENCS

Contact supplier for inventory compliance status

IECSC

Contact supplier for inventory compliance status

KECI

Contact supplier for inventory compliance status

PICCS

Contact supplier for inventory compliance status

AIIC

Contact supplier for inventory compliance status

NZIoC

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**

Not applicable

**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**

EUH066 - Repeated exposure may cause skin dryness or cracking

H220 - Extremely flammable gas

H225 - Highly flammable liquid and vapour

H226 - Flammable liquid and vapour

H280 - Contains gas under pressure; may explode if heated

H304 - May be fatal if swallowed and enters airways

H312 - Harmful in contact with skin

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H332 - Harmful if inhaled

H335 - May cause respiratory irritation

H336 - May cause drowsiness or dizziness

H361 - Suspected of damaging fertility or the unborn child

H373 - May cause 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

**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

Revision Note **Not applicable****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 |
| Acute aquatic toxicity    | Calculation method |
| Chronic aquatic toxicity  | Calculation method |
| Aspiration hazard         | Calculation method |
| Ozone                     | Calculation method |

**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)  
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)  
U.S. 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

**Prepared By** K Winter

**Revision date** 16-Jun-2026

**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**