# SUPAGARD COVER UP

Safety Data Sheet According REACH Regulation 1907/2006 as retained in UK law by UK REACH SI 2019 No. 758 as amended Issue date: 10/26/2022 Revision date: 7/31/2026 Supersedes: 5/14/2024 Version: 3.0

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

### 1.1. Product identifier

| | | |
|---|---|---|
| Product form | : | Mixture |
| Product name | : | SUPAGARD COVER UP |
| Product code | : | HC8477 |
| Vaporizer | : | Aerosol |

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

#### 1.2.1. Relevant identified uses

Intended for general public

| | | |
|---|---|---|
| Main use category | : | Professional use,Consumer use |
| Use of the substance/mixture | : | Aerosol cleaner and polish |

#### 1.2.2. Uses advised against

No additional information available

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

SUPAGARD
19-29 Gavinton Street,
Muirend Glasgow, G44 3EF
Scotland
T 0141 633 5933
Email: info@supagard.com

### 1.4. Emergency telephone number

| | | |
|---|---|---|
| Emergency number | : | 0141 633 5933 |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification according to GB CLP (SI 2019:720 as amended)**

| | |
|---|---|
| Aerosol, Category 1 | H222;H229 |
| Skin corrosion/irritation, Category 2 | H315 |
| Specific target organ toxicity – Single exposure, Category 3, Narcosis | H336 |
| Hazardous to the aquatic environment – Chronic Hazard, Category 2 | H411 |

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

**Adverse physicochemical, human health and environmental effects**

Pressurised container: May burst if heated. Extremely flammable aerosol. May cause drowsiness or dizziness. Causes skin irritation. Toxic to aquatic life with long lasting effects.

### 2.2. Label elements

**Labelling according to GB CLP (SI 2019:720 as amended)**

Hazard pictograms (GB CLP) :



GHS02 GHS07 GHS09

| | | |
|---|---|---|
| Signal word (GB CLP) | : | Danger |
| Contains | : | ALIPHATIC HYDROCARBON SOLVENT BLEND; LIQUIFIED PETROLEUM GAS PROPELLANT; PERFUME (CONTAINING: METHYL CINNAMATE, ALDEHYDE C16) |
| Hazard statements (GB CLP) | : | H222 - Extremely flammable aerosol.<br>H229 - Pressurised container: May burst if heated.<br>H315 - Causes skin irritation. |

| | | |
|---|---|---|
| | | H336 - May cause drowsiness or dizziness.<br>H411 - Toxic to aquatic life with long lasting effects. |
| Precautionary statements (GB CLP) | : | P102 - Keep out of reach of children.<br>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P211 - Do not spray on an open flame or other ignition source.<br>P251 - Do not pierce or burn, even after use.<br>P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C, 122 °F.<br>P260 - Do not breathe spray.<br>P302+P352 - IF ON SKIN: Wash with plenty of soap and water.<br>P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.<br>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| EUH-statements (GB CLP) | : | EUH208 - Contains Perfume (contains methyl cinnamate, aldehyde c16). May produce an allergic reaction. |
| Child-resistant fastening | : | Not applicable |
| Tactile warning | : | Not applicable |

### 2.3. Other hazards

**Results of PBT and vPvB assessment**

| Component | |
|---|---|
| Substance(s) not meeting the PBT criteria of UK REACH regulation, in accordance with Annex XIII | Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (927-510-4), Hydrocarbons, C6, isoalkanes, <5% n-hexane, ALDEHYDE C16 (STRAWBERRY PURE) (77-83-8), ETHYL ACETATE (141-78-6), BUTANEDIONE (431-03-8), PETROLEUM GASES, LIQUEFIED (<0.1% BUTA-1,3-DIENE) (68476-85-7) |
| Substance(s) not meeting the vPvB criteria of UK REACH regulation, in accordance with Annex XIII | Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (927-510-4), Hydrocarbons, C6, isoalkanes, <5% n-hexane, ALDEHYDE C16 (STRAWBERRY PURE) (77-83-8), ETHYL ACETATE (141-78-6), BUTANEDIONE (431-03-8), PETROLEUM GASES, LIQUEFIED (<0.1% BUTA-1,3-DIENE) (68476-85-7) |

**Results of Endocrine Disruptor assessment**

| Component | |
|---|---|
| Substance(s) not considered as endocrine disrupting. They are not included in the list established in accordance with Article 59(1) of UK REACH for having endocrine disrupting properties, nor identified as having endocrine disrupting properties in accordance with the criteria set out in GB BPR and GB PPP | PETROLEUM GASES, LIQUEFIED (<0.1% BUTA-1,3-DIENE)(68476-85-7), Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics(927-510-4), Hydrocarbons, C6, isoalkanes, <5% n-hexane, ALDEHYDE C16 (STRAWBERRY PURE)(77-83-8), ETHYL ACETATE(141-78-6), BUTANEDIONE(431-03-8) |

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name | Product identifier | % | Classification according to GB CLP (SI 2019:720 as amended) |
|---|---|---|---|
| PETROLEUM GASES, LIQUEFIED (<0.1% BUTA-1,3-DIENE)<br>(Propellant gas (Aerosol)) substance with workplace exposure limit(s) | CAS-No.: 68476-85-7 EC-No.: 270-704-2 UK Index-No.: 649-202-00-6 | 50 – 60 | Flam. Gas 1A, H220 Press. Gas (Comp.), H280 |

| Name | Product identifier | % | Classification according to GB CLP (SI 2019:720 as amended) |
|---|---|---|---|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | CAS-No.: 927-510-4 | 20 – 30 | Flam. Liq. 2, H225<br>Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Asp. Tox. 1, H304 Aquatic Chronic 2, H411 |
| Hydrocarbons, C6, isoalkanes, <5% n-hexane | EC-No.: 931-254-9 | 10 – 20 | Flam. Liq. 2, H225<br>Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Asp. Tox. 1, H304 Aquatic Chronic 2, H411 |
| ALDEHYDE C16 (STRAWBERRY PURE) | CAS-No.: 77-83-8 EC-No.: 201-061-8 | < 0.3 | Skin Sens. 1B, H317 Aquatic Chronic 2, H411 |
| ETHYL ACETATE<br>substance with workplace exposure limit(s) | CAS-No.: 141-78-6 EC-No.: 205-500-4 | < 0.01 | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336 EUH066 |
| BUTANEDIONE<br>substance with workplace exposure limit(s) | CAS-No.: 431-03-8 EC-No.: 207-069-8 | < 0.005 | Flam. Liq. 2, H225<br>Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight)<br>Acute Tox. 3 (Inhalation), H331 (ATE=0.5 mg/l/4h)<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>STOT RE 2, H373 |

Product subject to CLP Annex I, item 1.1.3.7. The disclosure rules of the components is modified in this case.
Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth out with water. Do not induce vomiting. Get immediate medical advice/attention.

Self protection of the first-aider : First-aiders should pay attention to their own protection and use the recommended personal protective equipment (see section 8).

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

Symptoms/effects after inhalation : May cause drowsiness or dizziness. There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Symptoms/effects after skin contact : Causes skin irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact : There may be irritation and redness. The eyes may water profusely.

Symptoms/effects after ingestion : There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

| | |
|---|---|
| Suitable extinguishing media Unsuitable extinguishing media | : Water spray. dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2). : Do not use a heavy water stream. |

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

| | |
|---|---|
| Fire hazard Explosion hazard Reactivity in case of fire Hazardous decomposition products in case of fire | : Extremely flammable aerosol. : Pressurised container: May burst if heated. : Toxic fumes may be released. : Toxic fumes may be released. |

### 5.3. Advice for firefighters

| | |
|---|---|
| Firefighting instructions | : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |

## SECTION 6: Accidental release measures

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

| | |
|---|---|
| General measures | : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage. |

#### 6.1.1. For non-emergency personnel

| | |
|---|---|
| Protective equipment | : Wear recommended personal protective equipment. |
| Emergency procedures | : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing spray. Avoid contact with skin and eyes. |

#### 6.1.2. For emergency responders

| | |
|---|---|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : Evacuate unnecessary personnel. Stop leak if safe to do so. |

### 6.2. Environmental precautions

Avoid release to the environment.

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

| | |
|---|---|
| For containment | : Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible. |
| Methods for cleaning up | : Absorb spillage to prevent material damage. |
| Other information | : Dispose of materials or solid residues at an authorized site. |

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

| | |
|---|---|
| Additional hazards when processed | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| Precautions for safe handling | : 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. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing spray. Avoid contact with skin and eyes. Wear personal protective equipment. |
| Hygiene measures | : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. |

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

| | | |
|---|---|---|
| Technical measures | : | Keep in a cool, well-ventilated place away from heat. |
| Storage conditions | : | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. |
| Incompatible products | : | Strong acids. Oxidizers. |
| Incompatible materials for storage | : | Heat sources. Sources of ignition. Direct sunlight. |
| Storage area | : | Store away from heat. Store in a well-ventilated place. |
| Special rules on packaging | : | Store in a closed container. |

### 7.3. Specific end use(s)

See section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

| ETHYL ACETATE (141-78-6) | |
|---|---|
| **United Kingdom - Occupational Exposure Limits** | |
| Local name | Ethyl acetate |
| WEL TWA (OEL TWA) | 734 mg/m³ |
| | 200 ppm |
| WEL STEL (OEL STEL) | 1468 mg/m³ |
| | 400 ppm |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |

| BUTANEDIONE (431-03-8) | |
|---|---|
| **United Kingdom - Occupational Exposure Limits** | |
| Local name | Diacetyl (Butanedione) |
| WEL TWA (OEL TWA) | 0.07 mg/m³ |
| | 0.02 ppm |
| WEL STEL (OEL STEL) | 0.36 mg/m³ |
| | 0.1 ppm |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |

| PETROLEUM GASES, LIQUEFIED (<0.1% BUTA-1,3-DIENE) (68476-85-7) | |
|---|---|
| **United Kingdom - Occupational Exposure Limits** | |
| Local name | Liquefied petroleum gas |
| WEL TWA (OEL TWA) | 1750 mg/m³ |
| | 1000 ppm |
| WEL STEL (OEL STEL) | 2180 mg/m³ |
| | 1250 ppm |
| Remark | Carc (Capable of causing cancer and/or heritable genetic damage (only applies if LPG contains more than 0.1% of buta-1,3-diene)) |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (927-510-4) | |
|---|---|
| **DNEL/DMEL (Workers)** | |
| Long-term - systemic effects, dermal | 300 mg/kg bw/day |
| Long-term - systemic effects, inhalation | 2085 mg/m³ |
| **DNEL/DMEL (General population)** | |
| Long-term - systemic effects,oral | 149 mg/kg bw/day |
| Long-term - systemic effects, inhalation | 477 mg/m³ |
| Long-term - systemic effects, dermal | 149 mg/kg bw/day |

| Hydrocarbons, C6, isoalkanes, <5% n-hexane | |
|---|---|
| **DNEL/DMEL (Workers)** | |
| Long-term - systemic effects, dermal | 13964 mg/kg bw/day |
| Long-term - systemic effects, inhalation | 5306 mg/m³ |
| **DNEL/DMEL (General population)** | |
| Long-term - systemic effects,oral | 1301 mg/kg bw/day |
| Long-term - systemic effects, inhalation | 1131 mg/m³ |
| Long-term - systemic effects, dermal | 1377 mg/kg bw/day |

| ETHYL ACETATE (141-78-6) | |
|---|---|
| **DNEL/DMEL (Workers)** | |
| Acute - systemic effects, inhalation | 1468 mg/m³ |
| Acute - local effects, inhalation | 1468 mg/m³ |
| Long-term - systemic effects, dermal | 63 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 734 mg/m³ |
| Long-term - local effects, inhalation | 734 mg/m³ |
| **DNEL/DMEL (General population)** | |
| Acute - systemic effects, inhalation | 734 mg/m³ |
| Acute - local effects, inhalation | 734 mg/m³ |
| Long-term - systemic effects,oral | 4.5 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 367 mg/m³ |
| Long-term - systemic effects, dermal | 37 mg/kg bodyweight/day |
| Long-term - local effects, inhalation | 367 mg/m³ |
| **PNEC (Water)** | |
| PNEC aqua (freshwater) | 0.24 mg/l |
| PNEC aqua (marine water) | 0.024 mg/l |
| PNEC aqua (intermittent, freshwater) | 1.65 mg/l |
| **PNEC (Sediment)** | |
| PNEC sediment (freshwater) | 1.15 mg/kg dwt |
| PNEC sediment (marine water) | 0.115 mg/kg dwt |

| ETHYL ACETATE (141-78-6) | |
|---|---|
| **PNEC (Soil)** | |
| PNEC soil | 0.148 mg/kg dwt |
| **PNEC (Oral)** | |
| PNEC oral (secondary poisoning) | 0.2 g/kg food |
| **PNEC (STP)** | |
| PNEC sewage treatment plant | 650 mg/l |

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

**Appropriate engineering controls:**
Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

**Personal protective equipment:**
Wear recommended personal protective equipment.
**Personal protective equipment symbol(s):**



#### 8.2.2.1. Eye and face protection

**Eye protection:**
**Safety glas**ses

#### 8.2.2.2. Skin protection

**Skin and body protection:**
Wear suitable protective clothing

**Hand protection:**
Protective gloves

| Hand protection | | | | | |
|---|---|---|---|---|---|
| **Type** | **Material** | **Permeation** | **Thickness (mm)** | **Penetration** | **Standard** |
| Disposable gloves | Nitrile rubber (NBR) | 6 (> 480 minutes) | 0.38 | | EN ISO 374 |

#### 8.2.2.3. Respiratory protection

**Respiratory protection:**
In case of insufficient ventilation, wear suitable respiratory equipment

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

**Environmental exposure controls:**
Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

Physical state : Liquid

| | |
|---|---|
| Appearance | : Aerosol. Colourless. |
| Colour | : Colourless. |
| Odour | : Perfumed. |
| Odour threshold | : Not available |
| pH | : Not available |
| Melting point | : Not applicable |
| Freezing point | : Not available |
| Boiling point | : Not available |
| Flash point | : -40 °C |
| Flammability | : Lower limit: 0.9%; Upper limit: 9.0% Extremely flammable aerosol. |
| Explosive limits | : Not available |
| Vapour pressure | : Not available |
| Vapour pressure at 50°C | : Not available |
| Relative vapour density at 20°C | : Not available |
| Relative density | : Not available |
| Density | : Not available |
| Solubility | : Water: Insoluble |
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Auto-ignition temperature | : > 230 °C |
| Decomposition temperature | : Not available |
| Viscosity, kinematic | : Not available |

### 9.2. Other information

Particle characteristics : Not applicable

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

| | | |
|---|---|---|
| Acute toxicity (oral) | : | Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (dermal) | : | Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (inhalation) | : | Not classified (Based on available data, the classification criteria are not met) |

| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (927-510-4) | |
|---|---|
| LD50 oral rat | > 5840 mg/kg (OECD Test Guideline 401) Information given is based on data obtained from similar substances. |
| LD50 dermal rat | > 2920 mg/kg (OECD Test Guideline 402)Information given is based on data obtained from similar substances. |
| LC50 Inhalation - Rat (Vapours) | 23.3 mg/l/4h (OECD Test Guideline 403) Information given is based on data obtained from similar substances. |

| Hydrocarbons, C6, isoalkanes, <5% n-hexane | |
|---|---|
| LD50 oral rat | > 5000 mg/kg (OECD Test Guideline 401) |
| LD50 dermal rat | > 3000 mg/kg (OECD Test Guideline 402) |
| LC50 Inhalation - Rat (Vapours) | > 20 mg/l/4h (OECD Test Guideline 403) |

| ETHYL ACETATE (141-78-6) | |
|---|---|
| LD50 oral rat | > 5000 mg/kg |
| LD50 oral | 4934 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |
| LD50 dermal rabbit | > 20000 mg/kg bodyweight Animal: rabbit, Animal sex: male |
| LC50 Inhalation - Rat | 1600 mg/l |

| | |
|---|---|
| Skin corrosion/irritation : | Causes skin irritation. |
| Serious eye damage/irritation : | Not classified (Based on available data, the classification criteria are not met) |
| Respiratory or skin sensitisation : | Not classified (Based on available data, the classification criteria are not met) |
| Germ cell mutagenicity : | Not classified (Based on available data, the classification criteria are not met) |
| Carcinogenicity : | Not classified (Based on available data, the classification criteria are not met) |
| Reproductive toxicity : | Not classified (Based on available data, the classification criteria are not met) |
| STOT-single exposure : | May cause drowsiness or dizziness. |

| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (927-510-4) | |
|---|---|
| STOT-single exposure | May cause drowsiness or dizziness. |

| Hydrocarbons, C6, isoalkanes, <5% n-hexane | |
|---|---|
| STOT-single exposure | May cause drowsiness or dizziness. |

| ETHYL ACETATE (141-78-6) | |
|---|---|
| STOT-single exposure | May cause drowsiness or dizziness. |

| | |
|---|---|
| STOT-repeated exposure : | Not classified (Based on available data, the classification criteria are not met) |

| ETHYL ACETATE (141-78-6) | |
|---|---|
| LOAEL (oral, rat, 90 days) | 3600 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 795.2600 (Subchronic Oral Toxicity Test) |
| NOAEL (oral, rat, 90 days) | 900 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 795.2600 (Subchronic Oral Toxicity Test) |

| BUTANEDIONE (431-03-8) | |
|---|---|
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |

| | |
|---|---|
| Aspiration hazard : | Not classified (Based on available data, the classification criteria are not met) |

| Other information | |
|---|---|
| Vaporizer | Aerosol |

## SECTION 12: Ecological information

### 12.1. Toxicity

| | |
|---|---|
| Ecology - general : Hazardous to the aquatic environment, short–term : (acute) Hazardous to the aquatic environment, long–term : (chronic) | Toxic to aquatic life with long lasting effects. Not classified (Based on available data, the classification criteria are not met)<br><br>Toxic to aquatic life with long lasting effects. |

| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (927-510-4) | |
|---|---|
| LC50 - Fish [1] | 13.4 mg/l (Oncorhynchus mykiss (rainbow trout) |
| EC50 - Crustacea [1] | 3 mg/l (Daphnia magna (Water flea). Information given is based on data obtained from similar substances. |
| EC50 72h - Algae [1] | 10 – 30 mg/l (Pseudokirchneriella subcapitata (green algae). Information given is based on data obtained from similar substances. |
| NOEC chronic crustacea | 0.17 mg/l (Daphnia magna (Water flea). Information given is based on data obtained from similar substances. |

| Hydrocarbons, C6, isoalkanes, <5% n-hexane | |
|---|---|
| LC50 - Fish [1] | > 1 mg/l (Oryzias latipes (Orange-red killifish). Test substance: Data based on test results or data from a comparable product. |
| EC50 - Crustacea [1] | 3.87 mg/l (Daphnia magna (Water flea); Data based on test results or data from a comparable product. |
| EC50 72h - Algae [1] | 55 mg/l (Pseudokirchneriella subcapitata (green algae); Data based on test results or data from a comparable product. |

| ETHYL ACETATE (141-78-6) | |
|---|---|
| LC50 - Fish [1] | 230 mg/l Test organisms (species): Pimephales promelas |
| NOEC (chronic) | 2.4 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |

### 12.2. Persistence and degradability

| (SUPAGARD) INTERIOR SILK PLUS | |
|---|---|
| Persistence and degradability | Not established. |

| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (927-510-4) | |
|---|---|
| Persistence and degradability | Not rapidly degradable |

| Hydrocarbons, C6, isoalkanes, <5% n-hexane | |
|---|---|
| Persistence and degradability | Not rapidly degradable |
| Biodegradation | 98 % (Exposure Time: 28 d)(OECD Test Guideline 301F) Readily biodegradable. Information given is based on data obtained from similar substances. |

| ALDEHYDE C16 (STRAWBERRY PURE) (77-83-8) | |
|---|---|
| Persistence and degradability | Not rapidly degradable |

| ETHYL ACETATE (141-78-6) | |
|---|---|
| Persistence and degradability | Not rapidly degradable |
| Biodegradation | 94 % |

| BUTANEDIONE (431-03-8) | |
|---|---|
| Persistence and degradability | Not rapidly degradable |

| PETROLEUM GASES, LIQUEFIED (<0.1% BUTA-1,3-DIENE) (68476-85-7) | |
|---|---|
| Persistence and degradability | Not rapidly degradable |

### 12.3. Bioaccumulative potential

| Hydrocarbons, C6, isoalkanes, <5% n-hexane | |
|---|---|
| Partition coefficient n-octanol/water (Log Kow) | 3.6 |

| ETHYL ACETATE (141-78-6) | |
|---|---|
| Bioconcentration factor (BCF REACH) | 30 |
| Partition coefficient n-octanol/water (Log Pow) | 0.68 |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

| Component | |
|---|---|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (927-510-4) | This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII |
| Hydrocarbons, C6, isoalkanes, <5% n-hexane | This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII |
| ALDEHYDE C16 (STRAWBERRY PURE) (77-83-8) | This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII |
| ETHYL ACETATE (141-78-6) | This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII |
| BUTANEDIONE (431-03-8) | This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII |
| PETROLEUM GASES, LIQUEFIED (<0.1% BUTA-1,3-DIENE) (68476-85-7) | This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII |

### 12.6. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations : Disposal must be done according to official regulations.
Product/Packaging disposal recommendations : Disposal must be done according to official regulations. Recycle where permissible.
Ecological waste information : The waste of the product should be considered as hazardous as the product itself, with the likelihood of impacting the environment in the same way. Consider the handling and disposal of the waste as defined by the product itself.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR | IMDG | IATA | ADN | RID |
|---|---|---|---|---|
| **14.1. UN number** | | | | |
| UN 1950 | UN 1950 | UN 1950 | UN 1950 | UN 1950 |
| **ADR** | **IMDG** | **IATA** | **ADN** | **RID** |

| ADR | IMDG | IATA | ADN | RID |
|---|---|---|---|---|
| **14.1. UN number** | | | | |
| **14.2. UN proper shipping name** | | | | |
| AEROSOLS | AEROSOLS | Aerosols, flammable | AEROSOLS | AEROSOLS |
| **Transport document description** | | | | |
| UN 1950 AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS | UN 1950 AEROSOLS, 2.1, MARINE POLLUTANT/ ENVIRONME NTALLY HAZARDOUS | UN 1950 Aerosols, flammable, 2.1, ENVIRONMENTALLY HAZARDOUS | UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS | UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS |
| **14.3. Transport hazard class(es)** | | | | |
| 2.1  | 2.1  | 2.1  | 2.1  | 2.1  |
| **14.4. Packing group** | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| **14.5. Environmental hazards** | | | | |
| Dangerous for the environment: Yes | Dangerous for the environment: Yes Marine pollutant: No | Dangerous for the environment: Yes | Dangerous for the environment: Yes | Dangerous for the environment: Yes |
| No supplementary information available | | | | |

## 14.6. Special precautions for user

**Overland transport**

Classification code (ADR) : 5F
Special provisions (ADR) : 190, 327, 344, 625
Limited quantities (ADR) : 1l
Excepted quantities (ADR) : E0
Packing instructions (ADR) : P207, LP200
Special packing provisions (ADR) : PP87, RR6, L2
Mixed packing provisions (ADR) : MP9
Transport category (ADR) : 2
Special provisions for carriage - Packages (ADR) : V14
Special provisions for carriage - Loading, unloading and handling (ADR) : CV9, CV12
Special provisions for carriage - Operation (ADR) : S2
Tunnel restriction code (ADR) : D

**Transport by sea**

Special provisions (IMDG) : 63, 190, 277, 327, 344, 381, 959
Limited quantities (IMDG) : SP277
Excepted quantities (IMDG) : E0
Packing instructions (IMDG) : P207, LP200
Special packing provisions (IMDG) : PP87, L2
EmS-No. (Fire) : F-D
EmS-No. (Spillage) : S-U
Stowage category (IMDG) : None
Stowage and handling (IMDG) : SW1, SW22
Segregation (IMDG) : SG69

**Air transport**

PCA Excepted quantities (IATA) : E0
PCA Limited quantities (IATA) : Y203
PCA limited quantity max net quantity (IATA) : 30kgG

| | | |
|---|---|---|
| PCA packing instructions (IATA) | : | 203 |
| PCA max net quantity (IATA) | : | 75kg |
| CAO packing instructions (IATA) | : | 203 |
| CAO max net quantity (IATA) | : | 150kg |
| Special provisions (IATA) | : | A145, A167, A802 |
| ERG code (IATA) | : | 10L |

**Inland waterway transport**

| | | |
|---|---|---|
| Classification code (ADN) | : | 5F |
| Special provisions (ADN) | : | 190, 327, 344, 625 |
| Limited quantities (ADN) | : | 1 L |
| Excepted quantities (ADN) | : | E0 |
| Equipment required (ADN) | : | PP, EX, A |
| Ventilation (ADN) | : | VE01, VE04 |
| Number of blue cones/lights (ADN) | : | 1 |

**Rail transport**

| | |
|---|---|
| Classification code (RID) | : 5F |
| Special provisions (RID) | : 190, 327, 344, 625 |
| Limited quantities (RID) | : 1L |
| Excepted quantities (RID) | : E0 |
| Packing instructions (RID) | : P207, LP200 |
| Special packing provisions (RID) | : PP87, RR6, L2 |
| Mixed packing provisions (RID) | : MP9 |
| Transport category (RID) | :2 |
| Special provisions for carriage – Packages (RID) | : W14 |
| Special provisions for carriage - Loading, unloading and handling (RID) | : CW9, CW12 |

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. National regulations

**UK REACH Annex XVII (Restriction List)**

This product contains no substance(s) listed on UK REACH Annex XVII (Restriction List) equal to or above the level of SDS disclosure

**UK REACH Annex XIV (Authorisation List)**

This product contains no substance(s) listed on UK REACH Annex XIV (Authorisation List) equal to or above the 0.1% level of disclosure

**UK REACH Candidate List (SVHC)**

This product contains no substance(s) listed on the UK REACH Candidate List (SVHC).

**GB PIC Regulation (Prior Informed Consent)**

This product contains no substance(s) listed on the GB PIC List equal to or above the level of SDS disclosure

**POP Regulation (Persistent Organic Pollutants)**

This product contains no substance(s) listed on the GB POP List equal to or above the level of SDS disclosure

**Ozone Regulation (S.I. No. 168 of 2015)**

This product contains no substance(s) listed on the GB Ozone Depletion List equal to or above the level of SDS disclosure

**Control of Poisons and Explosives Precursors Act**

This product contains no substance(s) listed on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure

### Drug Precursors Regulation (EC 273/2004)

This product contains no substance(s) listed on the GB Drug Precursors List equal to or above the level of SDS disclosure

### 15.1.2. Other Information

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

# SECTION 16: Other information

**Indication of changes (UK):**
All Sections reviewed and updated. SDS updated to the new layout.

| Abbreviations and acronyms: | |
|---|---|
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |
| BLV | Biological limit value |
| BOD | Biochemical oxygen demand (BOD) |
| BS EN | British Standard |
| CAS-No. | Chemical Abstracts Service number |
| COD | Chemical oxygen demand (COD) |
| DMEL | Derived Minimal Effect level |
| DNEL | Derived-No Effect Level |
| EC-No. | European Community number |
| EC50 | Median effective concentration |
| ED | Endocrine disruptor |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| LOAEL | Lowest Observed Adverse Effect Level |
| NOAEC | No-Observed Adverse Effect Concentration |
| NOAEL | No-Observed Adverse Effect Level |
| NOEC | No-Observed Effect Concentration |
| N.O.S. | Not Otherwise Specified |
| OECD | Organisation for Economic Co-operation and Development |
| OEL | Occupational Exposure Limit |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS | Safety Data Sheet |

| Abbreviations and acronyms: | |
|---|---|
| STP | Sewage treatment plant |
| ThOD | Theoretical oxygen demand (ThOD) |
| TLM | Median Tolerance Limit |
| VOC | Volatile Organic Compounds |
| vPvB | Very Persistent and Very Bioaccumulative |

Data sources : REACH Regulation 1907/2006 as retained in UK law by UK REACH SI 2019 No. 758 as amended. GB CLP Regulation (The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019, as amended). GB Mandatory Classification and Labelling List (GB MCL List). Supplier's safety documents.

Other information : Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

| Full text of H- and EUH-statements: | |
|---|---|
| Aquatic Chronic 2 | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT SE 3 | Specific target organ toxicity – Single exposure, Category 3, Narcosis |
| H225 | Highly flammable liquid and vapour. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H336 | May cause drowsiness or dizziness. |
| H411 | Toxic to aquatic life with long lasting effects. |

Safety Data Sheet (SDS), UK

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.