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

### 1.1. Product identifier

Product form : Mixture
Product name : Hydro Coat
Product code : C3

### 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 : Consumer use
Use of the substance/mixture : Automotive Care Products.

#### 1.2.2. Uses advised against

No additional information available

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

GTECHNIQ LTD
Bridge Business Park Upper Heyford
NN7 3FA Northampton
United Kingdom
T +44 (0)1604 962 553
uk@gtechniq.com - www.gtechniq.com

GTECHNIQ AUSTRALIA
Unit 6, 5 Chrome Court
Burpengary
QLD 4505
Australia
T +61 427 970 541

### 1.4. Emergency telephone number

Emergency number : +44 (0)1933 445 260
For Chemical Emergency Call 24hr / day, 7 days / week.

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 2 H319
Full text of H- and EUH-statements: see section 16

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

No additional information available

### 2.2. Label elements

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

Hazard pictograms (GB CLP) :



GHS07

Signal word (GB CLP) : Warning
Hazard statements (GB CLP) : H319 - Causes serious eye irritation.
Precautionary statements (GB CLP) : P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P264 - Wash hands thoroughly after handling.
P280 - Wear eye protection, protective gloves.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical attention.

### 2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with UK REACH Annex XIII

| Component | |
|---|---|
| octamethylcyclotetrasiloxane; [D4] (556-67-2) | This substance meets the PBT criteria of UK REACH regulation, Annex XIII<br>This substance meets the vPvB criteria of UK REACH regulation, Annex XIII |

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of UK REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in GB BPR and GB PPP at a concentration equal to or greater than 0,1 %

| Component | |
|---|---|
| octamethylcyclotetrasiloxane; [D4](556-67-2) | The substance is not included in the list established in accordance with Article 59(1) of UK REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in GB BPR and GB PPP |

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name | Product identifier | % | Labelling according to GB CLP (SI 2019:720 as amended) |
|---|---|---|---|
| Siloxanes and silicones, 3-[(2-aminoethyl)amino]propylme, di-me, hydroxyterminated | CAS-No.: 75718-16-0<br>EC-No.: 616-256-7 | 1.5 – 3 | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Chronic 3, H412 |
| 2-(2-butoxyethoxy)ethanol | CAS-No.: 112-34-5<br>EC-No.: 203-961-6<br>UK Index-No.: 603-096-00-8 | 0.14 – 1.4 | Eye Irrit. 2, H319<br>STOT RE 2, H373 |
| 3-butoxypropan-2-ol; propylene glycol monobutyl ether | CAS-No.: 5131-66-8<br>EC-No.: 225-878-4<br>UK Index-No.: 603-052-00-8 | 0.14 – 1.4 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319 |
| propan-2-ol; isopropyl alcohol; isopropanol | CAS-No.: 67-63-0<br>EC-No.: 200-661-7<br>UK Index-No.: 603-117-00-0 | 0.5 | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336 |
| ethanol; ethyl alcohol | CAS-No.: 64-17-5<br>EC-No.: 200-578-6<br>UK Index-No.: 603-002-00-5 | 0.01 – 0.1 | Flam. Liq. 2, H225 |
| octamethylcyclotetrasiloxane; [D4]<br>substance listed as UK REACH candidate (Octamethylcyclotetrasiloxane) | CAS-No.: 556-67-2<br>EC-No.: 209-136-7<br>UK Index-No.: 014-018-00-1 | 0.0035 – 0.014 | Flam. Liq. 3, H226<br>Repr. 2, H361f<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |

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 general : If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : If experiencing respiratory symptoms: Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : If skin irritation or rash occurs: Gently wash with plenty of soap and water.

First-aid measures after eye contact : Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion : If you feel unwell, seek medical advice.

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

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation : May cause respiratory irritation.
Symptoms/effects after skin contact : May cause slight irritation.
Symptoms/effects after eye contact : Causes serious eye irritation.
Symptoms/effects after ingestion : Ingestion may cause nausea, vomiting and diarrhea.

### 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 : Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media : None.

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

Fire hazard : The product is not flammable.
Explosion hazard : Product is not explosive.
Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Avoid fire-fighting water entering the environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

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

General measures : Evacuate area. Stop leak if safe to do so. Mark out the danger area with appropriate signs.

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so. Mark out the contaminated area with signs and prevent access to unauthorized personnel. Ventilate area. Clean up any spills as soon as possible, using an absorbent material to collect it.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

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

Methods for cleaning up : Take up liquid spill into absorbent material.

### 6.4. Reference to other sections

See Section 8. Exposure controls and personal protection. For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Always wash hands after handling the product.
Hygiene measures : Always wash hands after handling the product.

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

Incompatible products : Strong bases. Strong acids.
Incompatible materials : Direct sunlight.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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

| 2-(2-butoxyethoxy)ethanol (112-34-5) | |
|---|---|
| **United Kingdom - Occupational Exposure Limits** | |
| Local name | 2-(2-Butoxyethoxy)ethanol |
| WEL TWA (OEL TWA) | 67.5 mg/m³ |
| | 10 ppm |
| WEL STEL (OEL STEL) | 101.2 mg/m³ |
| | 15 ppm |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |

| ethanol; ethyl alcohol (64-17-5) | |
|---|---|
| **United Kingdom - Occupational Exposure Limits** | |
| Local name | Ethanol |
| WEL TWA (OEL TWA) | 1920 mg/m³ |
| | 1000 ppm |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |

| propan-2-ol; isopropyl alcohol; isopropanol (67-63-0) | |
|---|---|
| **United Kingdom - Occupational Exposure Limits** | |
| Local name | Propan-2-ol |
| WEL TWA (OEL TWA) | 999 mg/m³ |
| | 400 ppm |
| WEL STEL (OEL STEL) | 1250 mg/m³ |
| | 500 ppm |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No additional information available

#### 8.2.2. Personal protection equipment

**Personal protective equipment - Report preview:**
Avoid all unnecessary exposure.

**Personal protective equipment symbol(s):**



#### 8.2.2.1. Eye and face protection

**Eye protection - Report preview:**
Chemical goggles or safety glasses

| Eye protection | | | |
|---|---|---|---|
| **Type** | **Field of application** | **Characteristics** | **Standard** |
| Safety glasses, Safety goggles | Droplet, mist | Clear, With side shields | EN 166 |

#### 8.2.2.2. Skin protection

**Hand protection - Report preview:**
Protective gloves

| Hand protection | | | | | |
|---|---|---|---|---|---|
| **Type** | **Material** | **Permeation** | **Thickness (mm)** | **Penetration** | **Standard** |
| Disposable gloves, Reusable gloves | Nitrile rubber (NBR) | 4 (> 120 minutes) | 0.5 | 2 (< 1.5) | EN ISO 374 |

#### 8.2.2.3. Respiratory protection

No additional information available

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

No additional information available

## SECTION 9: Physical and chemical properties

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

| | | |
|---|---|---|
| Physical state | : | Liquid |
| Colour | : | Not available |
| Odour | : | Not available |
| Odour threshold | : | Not available |
| Melting point | : | Not available |
| Freezing point | : | Not available |
| Boiling point | : | Not available |
| Flammability | : | Non flammable. |

| | | |
|---|---|---|
| Explosive limits | : | Not available |
| Flash point | : | Not available |
| Auto-ignition temperature | : | Not available |
| Decomposition temperature | : | Not available |
| pH | : | Not available |
| Viscosity, kinematic | : | Not available |
| Solubility | : | Not available |
| Partition coefficient n-octanol/water (Log Kow) | : | Not available |
| Vapour pressure | : | Not available |
| Vapour pressure at 50°C | : | Not available |
| Density | : | Not available |
| Relative density | : | Not available |
| Relative vapour density at 20°C | : | Not available |
| Particle characteristics | : | Not applicable |

| 2-(2-butoxyethoxy)ethanol (112-34-5) | |
|---|---|
| Boiling point | 225 °C |
| Flash point | 78 °C |
| Auto-ignition temperature | 78 °C |
| Vapour pressure | 2.7 Pa 25°C |

| 3-butoxypropan-2-ol; propylene glycol monobutyl ether (5131-66-8) | |
|---|---|
| Boiling point | 171 °C Atm. press.: 1013 hPa Decomposition: 'no' |
| Vapour pressure | 1.05 mm Hg Temp.: 25 °C |

| octamethylcyclotetrasiloxane; [D4] (556-67-2) | |
|---|---|
| Boiling point | 175 °C Atm. press.: 1013 hPa Decomposition: 'no' |
| Vapour pressure | 132 Pa Temp.: 25 °C |

| ethanol; ethyl alcohol (64-17-5) | |
|---|---|
| Boiling point | 78.3 °C |
| Flash point | 13 °C Atm. press.: 1 atm |
| Auto-ignition temperature | 12 °C |
| Vapour pressure | 5730 Pa 25°C |

| propan-2-ol; isopropyl alcohol; isopropanol (67-63-0) | |
|---|---|
| Boiling point | 82 °C |
| Auto-ignition temperature | 12 °C |
| Vapour pressure | 4400 Pa 25°C |

## 9.2. Other information

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

No additional information available

### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

None under normal use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

None.

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

| 2-(2-butoxyethoxy)ethanol (112-34-5) | |
|---|---|
| LD50 oral rat | 4500 mg/kg |
| LD50 oral | 6050 mg/kg mouse |
| LD50 dermal rabbit | 2764 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), 95% CL: 2090 - 3645 |
| LD50 dermal | 2764 mg/kg bodyweight |
| LC50 Inhalation - Rat (Dust/Mist) | > 196 mg/l |
| ATE GB CLP (oral) | 4500 mg/kg bodyweight |
| ATE GB CLP (dermal) | 2764 mg/kg bodyweight |

| 3-butoxypropan-2-ol; propylene glycol monobutyl ether (5131-66-8) | |
|---|---|
| LD50 oral rat | 2700 mg/kg |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| ATE GB CLP (oral) | 2700 mg/kg bodyweight |

| octamethylcyclotetrasiloxane; [D4] (556-67-2) | |
|---|---|
| LD50 oral rat | > 4800 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Remarks on results: other: |
| LC50 Inhalation - Rat | 36 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Remarks on results: other: |

| ethanol; ethyl alcohol (64-17-5) | |
|---|---|
| LD50 oral rat | 15010 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 14450 - 15560 |
| LD50 oral | 10470 mg/kg bodyweight |
| LD50 dermal | 15800 mg/kg bodyweight |
| LC50 Inhalation - Rat (Dust/Mist) | > 99999 mg/l |
| ATE GB CLP (oral) | 10470 mg/kg bodyweight |
| ATE GB CLP (dermal) | 15800 mg/kg bodyweight |

| propan-2-ol; isopropyl alcohol; isopropanol (67-63-0) | |
|---|---|
| LD50 oral | 4396 mg/kg bodyweight |
| LD50 dermal | 12800 mg/kg bodyweight |
| LC50 Inhalation - Rat (Dust/Mist) | 46600 mg/l |
| ATE GB CLP (oral) | 4396 mg/kg bodyweight |
| ATE GB CLP (dermal) | 12800 mg/kg bodyweight |
| ATE GB CLP (dust, mist) | 46600 mg/l/4h |

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

| ethanol; ethyl alcohol (64-17-5) | |
|---|---|
| IARC group | 1 - Carcinogenic to humans |

| propan-2-ol; isopropyl alcohol; isopropanol (67-63-0) | |
|---|---|
| IARC group | 3 - Not classifiable |

Reproductive toxicity : Not classified

| 2-(2-butoxyethoxy)ethanol (112-34-5) | |
|---|---|
| NOAEL (animal/male, F0/P) | > 452 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: other: |
| NOAEL (animal/female, F0/P) | > 470 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: other: |

STOT-single exposure : Not classified

| propan-2-ol; isopropyl alcohol; isopropanol (67-63-0) | |
|---|---|
| STOT-single exposure | May cause drowsiness or dizziness. |

STOT-repeated exposure : Not classified

| 2-(2-butoxyethoxy)ethanol (112-34-5) | |
|---|---|
| NOAEL (oral, rat, 90 days) | 250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents) |
| NOAEL (dermal, rat/rabbit, 90 days) | < 200 mg/kg bodyweight Animal: rat, Guideline: other:, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study) |
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |

| 3-butoxypropan-2-ol; propylene glycol monobutyl ether (5131-66-8) | |
|---|---|
| LOAEL (oral, rat, 90 days) | 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
| NOAEL (oral, rat, 90 days) | 350 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
| NOAEL (dermal, rat/rabbit, 90 days) | 880 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study) |

| ethanol; ethyl alcohol (64-17-5) | |
|---|---|
| NOAEL (subchronic, oral, animal/male, 90 days) | < 9700 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents) |
| NOAEL (subchronic, oral, animal/female, 90 days) | > 9400 mg/kg bodyweight Animal: mouse, Animal sex: female, Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents) |

Aspiration hazard : Not classified

| 2-(2-butoxyethoxy)ethanol (112-34-5) | |
|---|---|
| Viscosity, kinematic | ≈ 6.794 mm²/s |

| octamethylcyclotetrasiloxane; [D4] (556-67-2) | |
|---|---|
| Viscosity, kinematic | 1.6 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)' |

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

No additional information available

#### 11.2.2. Other information

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short–term (acute) : Not classified

Hazardous to the aquatic environment, long–term (chronic) : Not classified

| 2-(2-butoxyethoxy)ethanol (112-34-5) | |
|---|---|
| LC50 - Fish [1] | 1300 mg/l |
| EC50 - Crustacea [1] | > 100 mg/l Test organisms (species): Daphnia magna |
| EC50 - Other aquatic organisms [1] | > 1000 mg/l waterflea |
| EC50 - Other aquatic organisms [2] | > 100 mg/l |
| EC50 96h - Algae [1] | > 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |

| 3-butoxypropan-2-ol; propylene glycol monobutyl ether (5131-66-8) | |
|---|---|
| LC50 - Fish [1] | 560 – 1000 mg/l Test organisms (species): Poecilia reticulata |
| EC50 - Crustacea [1] | > 1000 mg/l Test organisms (species): Daphnia magna |
| EC50 96h - Algae [1] | > 1000 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |

| octamethylcyclotetrasiloxane; [D4] (556-67-2) | |
|---|---|
| LC50 - Fish [1] | > 22 µg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) |
| EC50 - Crustacea [1] | > 15 µg/l Test organisms (species): Daphnia magna |

| ethanol; ethyl alcohol (64-17-5) | |
|---|---|
| LC50 - Fish [1] | 14200 mg/l |
| EC50 - Other aquatic organisms [1] | 5012 mg/l waterflea |
| EC50 - Other aquatic organisms [2] | 275 mg/l |
| NOEC (chronic) | 9.6 mg/l Test organisms (species): Daphnia magna Duration: '9 d' |

| propan-2-ol; isopropyl alcohol; isopropanol (67-63-0) | |
|---|---|
| LC50 - Fish [1] | 10000 mg/l Test organisms (species): Pimephales promelas |
| LC50 - Fish [2] | 9640 mg/l Test organisms (species): Pimephales promelas |
| EC50 - Other aquatic organisms [1] | 13299 mg/l waterflea |
| EC50 - Other aquatic organisms [2] | > 1000 mg/l |

## 12.2. Persistence and degradability

| Hydro Coat | |
|---|---|
| Persistence and degradability | Not established. |

| Siloxanes and silicones, 3-[(2-aminoethyl)amino]propylme, di-me, hydroxyterminated (75718-16-0) | |
|---|---|
| Persistence and degradability | Rapidly degradable |

| 2-(2-butoxyethoxy)ethanol (112-34-5) | |
|---|---|
| Persistence and degradability | Rapidly degradable |

| 3-butoxypropan-2-ol; propylene glycol monobutyl ether (5131-66-8) | |
|---|---|
| Persistence and degradability | Rapidly degradable |

| octamethylcyclotetrasiloxane; [D4] (556-67-2) | |
|---|---|
| Persistence and degradability | Rapidly degradable |

| ethanol; ethyl alcohol (64-17-5) | |
|---|---|
| Persistence and degradability | Rapidly degradable |

| propan-2-ol; isopropyl alcohol; isopropanol (67-63-0) | |
|---|---|
| Persistence and degradability | Rapidly degradable |

## 12.3. Bioaccumulative potential

| Hydro Coat | |
|---|---|
| Bioaccumulative potential | Not established. |

| 2-(2-butoxyethoxy)ethanol (112-34-5) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 0.56 |

| ethanol; ethyl alcohol (64-17-5) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | -0.32 |

| propan-2-ol; isopropyl alcohol; isopropanol (67-63-0) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 0.05 |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

| Component | |
|---|---|
| octamethylcyclotetrasiloxane; [D4] (556-67-2) | This substance meets the PBT criteria of UK REACH regulation, Annex XIII<br>This substance meets the vPvB criteria of UK REACH regulation, Annex XIII |

### 12.6. Other adverse effects

No additional information available

### 12.7. Other adverse effects

Additional information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Ecological information : Avoid release to the environment.

## SECTION 14: Transport information

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

| ADR | IMDG | IATA | ADN | RID |
|---|---|---|---|---|
| **14.1. UN number** | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| **14.2. UN proper shipping name** | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| **Transport document description** | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| **14.3. Transport hazard class(es)** | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| **14.4. Packing group** | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| **14.5. Environmental hazards** | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| No supplementary information available | | | | |

### 14.6. Special precautions for user

**Overland transport**
Not applicable

**Transport by sea**
Not applicable

**Air transport**
Not applicable

**Inland waterway transport**
Not applicable

**Rail transport**
Not applicable

### 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. EU-Regulations

**REACH Annex XVII (Restriction List)**

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

**PIC Regulation (Prior Informed Consent)**

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

**POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

**Ozone Regulation (1005/2009)**

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

**Dual-Use Regulation (428/2009)**

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

**Explosives Precursors Regulation (2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

**Drug Precursors Regulation (273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. United Kingdom

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

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

**UK REACH Candidate List (SVHC)**

Contains substance(s) listed on the UK REACH Candidate List in concentrations ≥ 0.1 % or SCL: Octamethylcyclotetrasiloxane (EC 209-136-7, CAS 556-67-2)

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

| Full text of H- and EUH-statements: | |
|---|---|
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal), Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment – Acute Hazard, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment – Chronic Hazard, Category 1 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment – Chronic Hazard, Category 3 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| Flam. Liq. 3 | Flammable liquids, Category 3 |
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H312 | Harmful in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| H361f | Suspected of damaging fertility. |
| 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. |
| H412 | Harmful to aquatic life with long lasting effects. |
| Repr. 2 | Reproductive toxicity, Category 2 |
| Skin Corr. 1A | Skin corrosion/irritation, Category 1, Sub-Category 1A |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1, Sub-Category 1B |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT RE 2 | Specific target organ toxicity – Repeated exposure, Category 2 |
| STOT SE 3 | Specific target organ toxicity – Single exposure, Category 3, Narcosis |

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.