

# SAFETY DATA SHEET

## Ultibed Edgemaster

Date of issue: 10/04/2025

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) &amp; 2020/878

Version: 1.0

### 1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Product name Ultibed Edgemaster  
Product code Not applicable  
Unique Formula Identifier (UFI) Not available  
Nanoform The product does not contain nanoparticles.

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

Identified Use(s) Macadam sealant  
Uses advised against Anything other than the above.

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

Company Identification Tarmac Packed Products  
Ground Floor  
T3 Trinity Park  
Bickenhill Lane  
Birmingham  
West Midlands  
B37 7ES  
United Kingdom  
Telephone +44 (0)345 812 6232  
E-mail (competent person) [info-cement@tarmac.com](mailto:info-cement@tarmac.com)

#### 1.4 Emergency telephone number

Emergency Phone No. +44 (0)345 812 6232 (08:30 – 16:00)  
Language(s) spoken: English

### 2. SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture Regulation (EC) No. 1272/2008 (CLP)

Aerosol 1; H222 and H229  
Asp. Tox. 1; H304  
Skin Irrit. 2; H315  
Eye Irrit. 2; H319  
STOT SE 3; H335  
STOT SE 3; H336  
STOT RE 2; H373  
Aquatic Chronic 3; H412

#### 2.2 Label elements

Product name Ultibed Edgemaster  
Contains: Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics; Xylene

Hazard Pictogram(s)



Signal Word(s)

DANGER

Hazard Statement(s)

H222 H229: Extremely flammable aerosol. Pressurized container: May burst if heated.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.

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|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautionary Statement(s) | H335: May cause respiratory irritation.<br>H336: May cause drowsiness or dizziness.<br>H373: May cause damage to organs through prolonged or repeated exposure.<br>H412: Harmful to aquatic life with long lasting effects.<br><br>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>P251: Do not pierce or burn, even after use.<br>P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.<br>P271: Use only outdoors or in a well-ventilated area.<br>P260: Do not breathe mist/vapours/spray.<br>P405: Store locked up.<br>P501: Dispose of contents/container according to national/local hazardous waste disposal regulations. |
| Supplemental information   | EUH066: Repeated exposure may cause skin dryness or cracking.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2.3 Other hazards          | May form explosive mixture with air. May cause frost-bite. Asphyxiant in high concentrations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

### 3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances - Not applicable

3.2 Mixtures

EC Classification Regulation (EC) No. 1272/2008 (CLP)

| Chemical identity of the substance                                  | %W/W    | CAS No.    | EC No.    | REACH Registration No.               | Hazard Statement(s)                                                                                                                                                                                 |
|---------------------------------------------------------------------|---------|------------|-----------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics | 28 - 33 | 64742-48-9 | 919-857-5 | Not yet assigned in the supply chain | Flam. Liq. 3; H226<br>Asp. Tox. 1; H304<br>STOT SE 3; H336<br>EUH066                                                                                                                                |
| Xylene                                                              | 27 - 33 | 1330-20-7  | 215-535-7 | Not yet assigned in the supply chain | Flam. Liq. 3; H226<br>Asp. Tox. 1; H304<br>Acute Tox. 4 ; H312<br>Skin Irrit. 2; H315<br>Eye Irrit. 2; H319<br>Acute Tox. 4 ; H332<br>STOT SE 3; H335<br>STOT RE 2; H373<br>Aquatic Chronic 3; H412 |
| Ethylbenzene                                                        | 8 - 10  | 100-41-4   | 202-849-4 | Not yet assigned in the supply chain | Flam. Liq. 2; H225<br>Asp. Tox. 1; H304<br>Acute Tox. 4 ; H332<br>STOT RE 2; H373 (hearing organs)<br>Aquatic Chronic 3; H412                                                                       |

Note: For full text of H phrases see section 16.

### 4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

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|                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Self-protection of the first aider                                                                                                                                                                                                                                                                                                                                                                                                        | No action should be taken involving personal risk. Remove all sources of ignition. Wear appropriate personal protective equipment. Avoid all contact. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.                                                                                                                                                                                                             |
| Inhalation                                                                                                                                                                                                                                                                                                                                                                                                                                | IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Apply artificial respiration if necessary (do not employ mouth-to-mouth method). Get medical advice/attention if you feel unwell.                                                                                                                                                                                                  |
| Skin contact                                                                                                                                                                                                                                                                                                                                                                                                                              | IF ON SKIN: Wash affected skin with soap and water. May cause frost-bite. In case of frostbite, wash with plenty of water; do not remove clothing. Do not rub affected area. Get medical attention immediately.                                                                                                                                                                                                                                         |
| Eye contact                                                                                                                                                                                                                                                                                                                                                                                                                               | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell.                                                                                                                                                                                                                                                                       |
| Ingestion                                                                                                                                                                                                                                                                                                                                                                                                                                 | IF SWALLOWED: Do not induce vomiting because of risk of aspiration into the lungs. If vomiting occurs spontaneously, keep head below hips to prevent aspiration into the lungs. Rinse mouth with water (do not swallow). Give 200-300mls (half pint) water to drink. Do not give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Immediately call a POISON CENTER/doctor. |
| <b>4.2 Most important symptoms and effects, both acute and delayed</b>                                                                                                                                                                                                                                                                                                                                                                    | May be fatal if swallowed and enters airways. Causes skin irritation and serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness.                                                                                                                                                                                                                                                                                   |
| <b>4.3 Indication of any immediate medical attention and special treatment needed</b>                                                                                                                                                                                                                                                                                                                                                     | May cause damage to organs through prolonged or repeated exposure. Treat symptomatically.                                                                                                                                                                                                                                                                                                                                                               |
| Notes to a physician: Epinephrine and other sympathomimetic drugs may initiate cardiac arrhythmias (irregular beating) in persons exposed to this material                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| IF ON SKIN: Treat cold burns as frostbite.                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| IF SWALLOWED: Aspiration into the lungs may cause chemical pneumonitis, which can be fatal. In case of ingestion, Ipecac-induced emesis is not recommended. Consider use of charcoal as a slurry (240mL water/30 g charcoal). Usual dose: 25 to 100 g in adults. If determined necessary (and under qualified medical supervision), the stomach should be emptied by gastric lavage with the airway protected by endotracheal intubation. |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| IF INHALED: Asphyxiant in high concentrations. There is no specific antidote.                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## 5. SECTION 5: FIREFIGHTING MEASURES

|                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>5.1 Extinguishing media</b>                                   | Extinguish with carbon dioxide, dry chemical, foam or waterspray.                                                                                                                                                                                                                                                                                                                                                                                                        |
| Suitable extinguishing media                                     | Do not use water jet. Direct water jet may spread the fire.                                                                                                                                                                                                                                                                                                                                                                                                              |
| Unsuitable extinguishing media                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>5.2 Special hazards arising from the substance or mixture</b> | Extremely flammable aerosol. Pressurised container: May burst if heated. In use, may form flammable/explosive vapour-air mixture. Vapours can travel considerable distances to a source of ignition where they can ignite, flash back, or explode. May give off noxious and toxic fumes in a fire (Oxides of carbon, Hydrocarbons, Hydrogen sulphide)                                                                                                                    |
| <b>5.3 Advice for firefighters</b>                               | Highly flammable vapours. Contains gas under pressure; may explode if heated. Fight fire with normal precautions from a reasonable distance. Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Stop leak if safe to do so. Keep containers cool by spraying with water if exposed to fire. The vapour may be invisible, heavier than air and spread along ground. Do not allow to enter drains (danger of explosion). |

## 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

|                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>6.1 Personal precautions, protective equipment and emergency procedures</b> | No action should be taken involving personal risk. Only trained and properly protected personnel must be involved in clean-up operations. Remove all sources of ignition. Asphyxiant in high concentrations. If it is suspected that fumes are still present, the responder should wear an appropriate mask or self-contained breathing apparatus. Avoid all contact. Beware of accumulation of vapours in low areas or contained areas, where explosive concentrations may occur. |
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- 6.2 Environmental precautions** Dike area to contain the spill and prevent releases to sewers, drains, or other waterways. (Danger of explosion)
- 6.3 Methods and material for containment and cleaning up** Remove all sources of ignition. Stop leak if safe to do so. Use non-sparking tools. Contain and cover spilled substance with dry sand or earth or other suitable dry material. Transfer to an appropriate container for disposal. Wash the spillage area with water.
- 6.4 Reference to other sections** See Section: 8,13

## 7. SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear appropriate personal protective equipment. Avoid all contact. Use non-sparking hand tools and explosion proof electrical equipment. Take precautionary measures against static discharge. Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion. Sprinkler installation recommended.
- 7.2 Conditions for safe storage, including any incompatibilities** Ground/bond container and receiving equipment. Keep container/package tightly closed and in a well-ventilated place. Always keep container in upright position. Keep only in original packaging.
- Storage temperature Store in a well-ventilated place. Keep cool.
- Incompatible materials Strong oxidising agents, Strong acids and alkali, Butyl Rubber, Natural Rubber; Ethylene-propylene-diene monomer (EPDM); Polystyrene
- 7.3 Specific end use(s)** See Section: 1.2

## 8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
- 8.1.1 Occupational exposure limits**

### European Union

| SUBSTANCE    | CAS No.   | LTEL (8 hr TWA ppm) | LTEL (8 hr TWA mg/m³) | STEL (ppm) | STEL (mg/m³) | Note      |
|--------------|-----------|---------------------|-----------------------|------------|--------------|-----------|
| Xylene       | 1330-20-7 | 50                  | 221                   | 100        | 442          | Sk, IOELV |
| Ethylbenzene | 100-41-4  | 100                 | 442                   | 200        | 884          | Sk, IOELV |

Source: WEL: Workplace exposure limit; IOELV: Indicative Occupational Exposure Limit Values

### Northern Ireland

| SUBSTANCE                  | CAS No.    | LTEL (8 hr TWA ppm) | LTEL (8 hr TWA mg/m³) | STEL (ppm) | STEL (mg/m³) | Note     |
|----------------------------|------------|---------------------|-----------------------|------------|--------------|----------|
| Xylene                     | 1330-20-7  | 50                  | 220                   | 100        | 441          | Sk, BMGV |
| Petroleum gases, liquefied | 68476-85-7 | 1000                | 1750                  | 1250       | 2180         | Carc.    |
| Ethylbenzene               | 100-41-4   | 100                 | 441                   | 125        | 552          | Sk       |

Source: Workplace Exposure Limit (UK HSE EH40)

### Notations:

Sk: Can be absorbed through the skin

BMGV: Biological monitoring guidance value

Carc.: Capable of causing cancer and/or heritable genetic damage

### 8.1.2 Biological Limit Value

### Northern Ireland

| Substance | CAS No.   | Biological limit value  | Sampling Time | Note |
|-----------|-----------|-------------------------|---------------|------|
| Xylene    | 1330-20-7 | 650 mmol/mol creatinine | Post shift    | -    |

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Source: BMGV - Biological monitoring guidance value (UK HSE EH40)

|       |                                                                       |                                                                                                                                                                                                            |
|-------|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8.1.3 | PNECs and DNELs                                                       | Not established                                                                                                                                                                                            |
| 8.2   | Exposure controls                                                     |                                                                                                                                                                                                            |
| 8.2.1 | Appropriate engineering controls                                      | Ensure adequate ventilation. Avoid all contact. Guarantee that the eye flushing systems and safety showers are located close to the working place.                                                         |
| 8.2.2 | Individual protection measures, such as personal protective equipment | Avoid contact with skin and eyes. Keep good industrial hygiene. Do not eat, drink or smoke at the work place. Wash hands thoroughly after handling. Remove contaminated clothing and wash it before reuse. |

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Eye / face protection



Wear goggles giving complete protection to eyes to protect against liquid splashes (EN166). Eyewash bottles should be available.

Skin protection



Wear suitable chemical resistant protective gloves for frequent or prolonged operations tested to EN374 with an acceptable permeation test.

Recommended material: Nitrile

Thickness of the glove material: 0.4mm

Breakthrough time: ≥ 480 min

Respiratory protection



Wear suitable respiratory protective equipment if exposure to high levels of material are likely.

Recommended:

Filter type: EN143 Type A-P2

Thermal hazards

Not applicable.

|       |                                 |                                   |
|-------|---------------------------------|-----------------------------------|
| 8.2.3 | Environmental exposure controls | Avoid release to the environment. |
|-------|---------------------------------|-----------------------------------|

## 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

|                                                          |                              |
|----------------------------------------------------------|------------------------------|
| Physical state                                           | Liquid Aerosol               |
| Colour                                                   | Dark brown.                  |
| Odour                                                    | Characteristic               |
| Melting point/freezing point                             | Not determined               |
| Boiling point or initial boiling point and boiling range | Not available                |
| Flammability                                             | Extremely flammable aerosol. |
| Lower and upper explosion limit                          | Not available                |
| Flash point                                              | < 23 °C                      |
| Auto-ignition temperature                                | Not available                |
| Decomposition temperature                                | Not determined               |
| pH                                                       | Not available                |
| Kinematic viscosity                                      | Not available                |
| Solubility                                               | Not available                |
| Partition coefficient: n-octanol/water (log value)       | Not available                |
| Vapour pressure                                          | Not available                |
| Density and/or relative density                          | Not available                |
| Relative vapour density                                  | Not available                |
| Particle characteristics                                 | Not determined               |

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9.2 Other information None known

### 10. SECTION 10: STABILITY AND REACTIVITY

|      |                                    |                                                                                                                                      |
|------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 10.1 | Reactivity                         | Stable under normal conditions                                                                                                       |
| 10.2 | Chemical stability                 | Stable under normal conditions                                                                                                       |
| 10.3 | Possibility of hazardous reactions | None anticipated. May give off noxious and toxic fumes in a fire (Oxides of carbon, Hydrocarbons, Hydrogen sulphide)                 |
| 10.4 | Conditions to avoid                | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.                                                   |
| 10.5 | Incompatible materials             | Strong oxidising agents, Strong acids and alkali, Butyl Rubber, Natural Rubber; Ethylene-propylene-diene monomer (EPDM), Polystyrene |
| 10.6 | Hazardous decomposition products   | None known                                                                                                                           |

### 11. SECTION 11: TOXICOLOGICAL INFORMATION

|      |                                                                          |                                                                                                                                                        |
|------|--------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11.1 | Information on hazard classes as defined in Regulation (EC) No 1272/2008 |                                                                                                                                                        |
|      | Acute toxicity - Ingestion                                               | Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LD50 >2000 mg/kg bw      |
|      | Acute toxicity - Inhalation                                              | Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LC50 >5 mg/l (Dust/Mist) |
|      | Acute toxicity - Skin contact                                            | Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LD50 >2000 mg/kg bw      |
|      | Skin corrosion/irritation                                                | Mixture: Skin Irrit. 2; H315: Causes skin irritation.                                                                                                  |
|      |                                                                          | Xylene Skin Irrit. 2; H315: Causes skin irritation.                                                                                                    |
|      | Serious eye damage/irritation                                            | Result: p-xylene: Primary Dermal Irritation Index (rabbit): 3.0<br>Source: ECHA registration dossier (Unnamed, 1973)                                   |
|      |                                                                          | Mixture: Eye Irrit. 2; H319: Causes serious eye irritation.                                                                                            |
|      |                                                                          | Xylene Eye Irrit. 2; H319: Causes serious eye irritation.                                                                                              |
|      |                                                                          | Result: mixed xylene (442 mg/m <sup>3</sup> , 15 min): Mild irritation observed (Human volunteers)                                                     |
|      | Respiratory or skin sensitisation                                        | Source: ECHA registration dossier (Carpenter et al, 1975; Hastings et al, 1984)                                                                        |
|      | Germ cell mutagenicity                                                   | Mixture: Based upon the available data, the classification criteria are not met.                                                                       |
|      | Carcinogenicity                                                          | Mixture: Based upon the available data, the classification criteria are not met.                                                                       |
|      | Reproductive toxicity                                                    | Mixture: Based upon the available data, the classification criteria are not met.                                                                       |
|      | STOT - single exposure                                                   | Mixture: STOT SE 3; H335: May cause respiratory irritation.                                                                                            |
|      |                                                                          | Mixture: STOT SE 3; H336: May cause drowsiness or dizziness.                                                                                           |
|      |                                                                          | Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics                                                                                    |
|      |                                                                          | STOT SE 3; H336: May cause drowsiness or dizziness.                                                                                                    |
|      |                                                                          | Result: Acute CNS effects observed.                                                                                                                    |
|      |                                                                          | Source: ECHA registration dossier                                                                                                                      |
|      |                                                                          | Xylene STOT SE 3; H335: May cause respiratory irritation.                                                                                              |
|      |                                                                          | Result: mixed xylene (442 mg/m <sup>3</sup> , 15 min): Irritation of the respiratory tract. (Human volunteers)                                         |
|      |                                                                          | Source: ECHA registration dossier (Carpenter et al, 1975; Hastings et al, 1984)                                                                        |
|      | STOT - repeated exposure                                                 | Mixture: STOT RE 2; H373: May cause damage to organs through prolonged or repeated exposure.                                                           |
|      |                                                                          | Xylene STOT RE 2; H373: May cause damage to organs through prolonged or repeated exposure.                                                             |
|      |                                                                          | Result: mixed xylene: NOAEL (rat) mg/kg bw/d: 250. Adverse effects observed.                                                                           |
|      |                                                                          | Source: ECHA registration dossier (NTP, 1986)                                                                                                          |
|      |                                                                          | Ethylbenzene STOT RE 2; H373: May cause damage to the auditory system by prolonged or repeated oral exposure.                                          |
|      |                                                                          | Result: NOAEC (extrapolated, Rat) mg/kg bw/d: 78. Ototoxicity observed.                                                                                |
|      |                                                                          | Source: ECHA registration dossier                                                                                                                      |
|      | Aspiration hazard                                                        | Mixture: Asp. Tox. 1; H304: May be fatal if swallowed and enters airways.                                                                              |

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Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics  
Asp. Tox. 1; H304: May be fatal if swallowed and enters airways.  
Result: Kinematic viscosity (mm<sup>2</sup>/s): 0.8 – 2.1 @ 20°C  
Source: ECHA registration dossier

Xylene  
Asp. Tox. 1; H304: May be fatal if swallowed and enters airways.  
Result: Kinematic viscosity (mm<sup>2</sup>/s): 0.6 – 0.8 @ 25°C  
Source: ECHA registration dossier

Ethylbenzene  
Asp. Tox. 1; H304: May be fatal if swallowed and enters airways.  
Result: Kinematic viscosity (mm<sup>2</sup>/s): 0.7 @ 20°C  
Source: ECHA registration dossier

### 11.2 Information on other hazards

#### 11.2.1 Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

#### 11.2.2 Other information

None known

## 12. SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

Mixture: Aquatic Chronic 3; H412: Harmful to aquatic life with long lasting effects.

Xylene  
Aquatic Chronic 3; H412: Harmful to aquatic life with long lasting effects.  
Result: NOEC (Fish, 21d) mg/l: 0.714  
Source: ECHA registration dossier (QSAR)

Ethylbenzene  
Aquatic Chronic 3; H412: Harmful to aquatic life with long lasting effects.  
Result: NOEC (Invertebrates, 7d) mg/l: 0.96  
Source: ECHA registration dossier (Niederlehner, Cairns and Smith, 2002)

### 12.2 Persistence and degradability

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics  
This substance is biodegradable.  
Result: % Biodegradation (28 d): 80  
Source: ECHA registration dossier

Xylene  
This substance is biodegradable.  
Result: Read across from xylene isomers. % Biodegradation (28 d):  
m-xylene: 98  
o-xylene: 94  
p-xylene: 90%  
Source: ECHA registration dossier (OECD 310F)

Ethylbenzene  
This substance is biodegradable.  
Result: % Biodegradation (28 d): 79  
Source: ECHA registration dossier (OECD 310)

### 12.3 Bioaccumulative potential

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics  
Substance is complex UVCB. Standard bioaccumulative studies are not applicable to petroleum UVCB substances

Xylene  
The substance has no potential for bioaccumulation.  
Result: BCF (fish) L/kg ww : 25.9  
Source: ECHA registration dossier (Walsh et al, 1977)

Ethylbenzene  
The substance has no potential for bioaccumulation.  
Result: BCF (fish) L/kg ww : 110  
Source: ECHA registration dossier (Roubal, Stranahan and Malins, 1978)

### 12.4 Mobility in soil

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics  
Substance is complex UVCB. Standard studies are not applicable to petroleum UVCB substances

Xylene  
The substance has high mobility in soil.  
Result: Log Koc: 2.73  
Source: ECHA registration dossier (OECD 121, HPLC method)

Ethylbenzene  
The substance has moderate mobility in soil.  
Result: Log Koc: 3.12  
Source: ECHA registration dossier (QSAR)

### 12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

### 12.6 Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

### 12.7 Other adverse effects

None known



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### 13. SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods** Dispose of this material and its container as hazardous waste. Disposal should be in accordance with local, state or national legislation.
- Waste classification according to Directive 2008/98/EC (Waste Framework Directive)
- HP 3: Flammable  
HP 4: Irritant  
HP 5: Specific Target Organ Toxicity/ Aspiration Toxicity  
HP 14: Ecotoxic

### 14. SECTION 14: TRANSPORT INFORMATION

|                                                                     | ADR/RID                                                                                                                                        | IMDG           | IATA/ICAO      |
|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|
| <b>14.1 UN number or ID number</b>                                  | UN 1950                                                                                                                                        | UN 1950        | UN 1950        |
| <b>14.2 UN proper shipping name</b>                                 | AEROSOLS                                                                                                                                       | AEROSOLS       | AEROSOLS       |
| <b>14.3 Transport hazard class(es)</b>                              | 2                                                                                                                                              | 2              | 2              |
| <b>14.4 Packing group</b>                                           | Not applicable                                                                                                                                 | Not applicable | Not applicable |
| <b>14.5 Environmental hazards</b>                                   | Not classified                                                                                                                                 | Not classified | Not classified |
| <b>14.6 Special precautions for user</b>                            | See section 2                                                                                                                                  |                |                |
| <b>14.7 Maritime transport in bulk according to IMO instruments</b> | Not applicable                                                                                                                                 | Not applicable | Not applicable |
| <b>14.8 Additional information</b>                                  | Classification Code 5F<br>Special Provisions 190, 327, 344, 625<br>Transport category 2<br>Tunnel restriction code (D)<br>Limited Quantity 1 L |                |                |

### 15. SECTION 15: REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- 15.1.1 EU regulations**  
Authorisations and/or restrictions on use Not restricted for the intended use(s) of the product.
- 15.1.2 National regulations**  
Germany Water hazard class: WGK 2 (Self classification)
- 15.2 Chemical Safety Assessment**  
A REACH chemical safety assessment has not been carried out.

### 16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: Not applicable - V1.0

#### References:

Harmonised Classification(s) for: Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (CAS No. 64742-48-9); (CAS No. 1330-20-7); (CAS No. 100-41-4)  
ECHA registration dossier for: Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (CAS No. 64742-48-9); (CAS No. 1330-20-7); (CAS No. 100-41-4)  
Existing Safety Data Sheet (SDS)

#### Literature References:

- Carpenter CP, Kinkead ER, Geary DL Jr, Sullivan LJ, King JM 1975 Petroleum hydrocarbon toxicity studies. V. Animal and human response to vapors of mixed xylenes. *Toxicol Appl Pharmacol*, 33: 543-558.
- Hastings L, Cooper GP, & Burg W 1984 Human sensory response to selected petroleum hydrocarbons. *Adv Med Environ Toxicol*, 6: 255-270.
- Niederlehner, B.R., Cairns, J. and Smith, E.P. (2002). Modeling Acute and Chronic Toxicity of Nonpolar Narcotic Chemicals and Mixtures to *Ceriodaphnia dubia*. *Ecotoxicology and Environmental Safety*, [online] 39(2), pp.136-146. doi:https://doi.org/10.1006/eesa.1997.1621.
- Roubal, W.T., Stranahan, S.I. and Malins, D.C. (1978). The accumulation of low molecular weight aromatic hydrocarbons of crude oil by coho salmon (*Oncorhynchus kisutch*) and starry flounder (*Platichthys stellatus*). *Archives of Environmental Contamination and Toxicology*, 7(1), pp.237-244. doi:https://doi.org/10.1007/bf02332052.



# SAFETY DATA SHEET



## Ultibed Edgemaster

Date of issue: 10/04/2025

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

Version: 1.0

EU Classification: This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

| Classification of the substance or mixture According to Regulation (EC) No. 1272/2008 (CLP) | Classification procedure       |
|---------------------------------------------------------------------------------------------|--------------------------------|
| Aerosol 1; H222 and H229                                                                    | Product form, Expert judgement |
| Asp. Tox. 1; H304                                                                           | Expert judgement               |
| Skin Irrit. 2; H315                                                                         | Threshold Calculation          |
| Eye Irrit. 2; H319                                                                          | Threshold Calculation          |
| STOT SE 3; H335                                                                             | Threshold Calculation          |
| STOT SE 3; H336                                                                             | Threshold Calculation          |
| STOT RE 2; H373                                                                             | Threshold Calculation          |
| Aquatic Chronic 3; H412                                                                     | Summation Calculation          |

### Legend

|       |                                                                                                    |
|-------|----------------------------------------------------------------------------------------------------|
| ADR   | ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road           |
| ADN   | ADN: European Agreement on the International Transport of Dangerous Goods by Inland Waterways      |
| CLP   | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures |
| DNEL  | Derived no effect level                                                                            |
| IATA  | IATA: International Air Transport Association                                                      |
| ICAO  | ICAO: International Civil Aviation Organization                                                    |
| IMDG  | IMDG: International Maritime Dangerous Goods                                                       |
| LC50  | Lethal concentration at which 50% of the population is killed                                      |
| LD50  | Lethal dose at which 50% of the population is killed                                               |
| LTEL  | Long term exposure limit                                                                           |
| OECD  | Organisation for Economic Cooperation and Development                                              |
| PBT   | PBT: Persistent, Bioaccumulative and Toxic                                                         |
| PNEC  | Predicted No Effect Concentration                                                                  |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals                               |
| RID   | RID: Regulations concerning the international railway transport of dangerous goods                 |
| STEL  | Short term exposure limit                                                                          |
| vPvB  | vPvB: very Persistent and very Bioaccumulative                                                     |

### Hazard classification / Classification code:

Aerosol 1; Aerosols, Category 1

Flam. Liq. 2; Flammable liquid, Category 2  
Flam. Liq. 3; Flammable liquid, Category 3  
Asp. Tox. 1; Aspiration hazard, Category 1  
Acute Tox. 4; Acute toxicity, Category 4  
Skin Irrit. 2; Skin corrosion/irritation, Category 2  
Eye Irrit. 2; Eye irritation, Category 2  
Acute Tox. 4; Acute toxicity, Category 4  
STOT SE 3; Specific target organ toxicity — single exposure, Category 3  
STOT SE 3; Specific target organ toxicity — single exposure, Category 3  
STOT RE 2; Specific target organ toxicity — repeated exposure, Category 2  
STOT RE 2; Specific target organ toxicity — repeated exposure, Category 2 (Hearing Organs)  
Aquatic Chronic 3; Hazardous to the aquatic environment, Chronic , Category 3

### Hazard Statement(s)

H222 H229: Extremely flammable aerosol. Pressurized container: May burst if heated.  
H225: Highly flammable liquid and vapour.  
H226: Flammable liquid and vapour.  
H304: May be fatal if swallowed and enters airways.  
H312: Harmful in contact with skin.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H332: Harmful if inhaled.  
H335: May cause respiratory irritation.  
H336: May cause drowsiness or dizziness.  
H373: May cause damage to organs through prolonged or repeated exposure.  
H373: May cause damage to the auditory system by prolonged or repeated oral exposure.  
H412: Harmful to aquatic life with long lasting effects.  
  
EUH066: Repeated exposure may cause skin dryness or cracking.

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

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### **Annex to the extended Safety Data Sheet (eSDS)**

Exposure scenarios for substances in this preparation are not available.