# 68-47 - FAST TRACK FLOOR LEVELLER 2-PART

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

**1.1 Product identifier:** 68-47 - FAST TRACK FLOOR LEVELLER 2-PART

**Other means of identification:**

Not relevant

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

Relevant uses (Professional users): Floor coating.
For Professional users only.
Uses advised against: All uses not specified in this section or in section 7.3

**1.3 Details of the supplier of the safety data sheet:**

Palace Chemicals Ltd
Speke Hall Industrial Estate
L24 1YA Liverpool - United Kingdom
UK Poisons information - contact NHS 111

**1.4 Emergency telephone number:** 0151 486 6101

## SECTION 2: HAZARDS IDENTIFICATION

**2.1 Classification of the substance or mixture:**

This product contains less than 1% respirable crystalline silica, so it does not require classification

**GB CLP Regulation (UK S.I. 2019/720 and UK S.I. 2020/1567):**

The product is not classified as hazardous according to GB CLP Regulation (UK S.I. 2019/720 and UK S.I. 2020/1567).

**2.2 Label elements:**

**GB CLP Regulation (UK S.I. 2019/720 and UK S.I. 2020/1567):**

**Hazard statements:**

Not relevant

**Precautionary statements:**

Not relevant

**Supplementary information:**

EUH208: Contains Neopentyl glycol propoxylate diacrylate, 1,2-Benzisothiazol-3(2H)-one. May produce an allergic reaction.
EUH210: Safety data sheet available on request.

**2.3 Other hazards:**

Product does not meet PBT/vPvB criteria
Endocrine-disrupting properties: The product does not meet the criteria.
May form explosible dust-air mixture if dispersed

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substance:**

Not relevant

**3.2 Mixture:**

**Chemical description:** Mixture of binders, aggregates and additives

**Components:**

In accordance with Annex II of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020, the product contains:

| Identification | Chemical name/Classification | Concentration |
|---|---|---|
| CAS: 65997-16-2<br>EC: 266-045-5<br>REACH: 01-2119989490-26-XXXX | **Cement, alumina, chemicals**<br>Eye Irrit. 2: H319 - Warning  | **2.5 - <10%** |
| CAS: 84170-74-1<br>EC: 617-546-6<br>REACH: 01-2119970213-43-XXXX | **Neopentyl glycol propoxylate diacrylate**<br>Aquatic Chronic 2: H411; Skin Sens. 1A: H317 - Warning  | **<1%** |

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

| Identification | Chemical name/Classification | Concentration |
|---|---|---|
| CAS: 2634-33-5<br>EC: 220-120-9<br>REACH: 01-2120761540-60-XXXX | **1,2-Benzisothiazol-3(2H)-one**<br>Acute Tox. 2: H330; Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1A: H317 - Danger  | **<1%** |

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

**Other information:**

| Identification | M-factor | |
|---|---|---|
| 1,2-Benzisothiazol-3(2H)-one<br>CAS: 2634-33-5 | Acute | 1 |
| | Chronic | 1 |

| Identification | Specific concentration limit |
|---|---|
| 1,2-Benzisothiazol-3(2H)-one<br>CAS: 2634-33-5 | % (w/w) >=0.036: Skin Sens. 1A - H317 |

Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:

| Identification | Acute toxicity | | Genus |
|---|---|---|---|
| 1,2-Benzisothiazol-3(2H)-one<br>CAS: 2634-33-5<br>EC: 220-120-9 | LD50 oral | 450 mg/kg | |
| | LD50 dermal | Not relevant | |
| | LC50 inhalation dust | 0.21 mg/L | |

## SECTION 4: FIRST AID MEASURES

**4.1 Description of first aid measures:**

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

**By inhalation:**

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

**By skin contact:**

This product is not classified as hazardous when in contact with the skin. However, in case of skin contact it is recommended to remove contaminated clothes and shoes, rinse the skin or if necessary shower the affected person thoroughly with cold water and neutral soap. In case of serious reaction consult a doctor.

**By eye contact:**

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

**By ingestion/aspiration:**

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

**4.2 Most important symptoms and effects, both acute and delayed:**

Acute and delayed effects are indicated in sections 2 and 11.

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

Not relevant

## SECTION 5: FIREFIGHTING MEASURES

**5.1 Extinguishing media:**

**Suitable extinguishing media:**

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

**Unsuitable extinguishing media:**

Non-applicable

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## SECTION 5: FIREFIGHTING MEASURES (continued)

**5.2 Special hazards arising from the substance or mixture:**

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

**5.3 Advice for firefighters:**

Depending on the magnitude of the fire it may be necessary to use full protective clothing and Self Contained Breathing Apparatus. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

**Additional provisions:**

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**6.1 Personal precautions, protective equipment and emergency procedures:**

**For non-emergency personnel:**

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

**For emergency responders:**

Wear protective equipment. Keep unprotected persons away. See section 8.

**6.2 Environmental precautions:**

It is recommended to avoid environmental spillage of both the product and its container.

**6.3 Methods and material for containment and cleaning up:**

It is recommended:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

**6.4 Reference to other sections:**

See sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

**7.1 Precautions for safe handling:**

A.- General precautions for safe use

Use in ventilated areas. Avoid the build up of dust

B.- Technical recommendations for the prevention of fires and explosions

Due to its non-inflammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Preferably use vacuum extraction for cleaning. Due to the presence of environmentally hazardous substances in the product, it is advisable to use cleaning methods that minimize its dispersion into the surround

**7.2 Conditions for safe storage, including any incompatibilities:**

A.- Specific storage requirements

| | |
|---|---|
| Minimum Temp.: | 5 ºC |
| Maximum Temp.: | 30 ºC |
| Maximum time: | 12 Months |

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5Keep the container tightly sealed and protected from open air and humidity.

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

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters:

Substances whose occupational exposure limits have to be assessed in the workplace:

Nuisance dust: Inhalable dust 10 mg/m3 // Respirable dust 4 mg/m3

**DNEL (Workers):**

| | | Short exposure | | Long exposure | |
|---|---|---|---|---|---|
| Identification | | Systemic | Local | Systemic | Local |
| Cement, alumina, chemicals | Oral | Not available | Not available | Not available | Not available |
| CAS: 65997-16-2 | Dermal | Not available | Not available | Not available | Not available |
| EC: 266-045-5 | Inhalation | 5 mg/m³ | Not available | 2.5 mg/m³ | Not available |
| Neopentyl glycol propoxylate diacrylate | Oral | Not available | Not available | Not available | Not available |
| CAS: 84170-74-1 | Dermal | Not available | Not available | 46.7 mg/kg | Not available |
| EC: 617-546-6 | Inhalation | Not available | Not available | 32.9 mg/m³ | Not available |
| 1,2-Benzisothiazol-3(2H)-one | Oral | Not available | Not available | Not available | Not available |
| CAS: 2634-33-5 | Dermal | Not available | Not available | 0.966 mg/kg | Not available |
| EC: 220-120-9 | Inhalation | Not available | Not available | 6.81 mg/m³ | Not available |

**DNEL (General population):**

| | | Short exposure | | Long exposure | |
|---|---|---|---|---|---|
| Identification | | Systemic | Local | Systemic | Local |
| 1,2-Benzisothiazol-3(2H)-one | Oral | Not available | Not available | Not available | Not available |
| CAS: 2634-33-5 | Dermal | Not available | Not available | 0.345 mg/kg | Not available |
| EC: 220-120-9 | Inhalation | Not available | Not available | 1.2 mg/m³ | Not available |

**PNEC:**

| Identification | | | | |
|---|---|---|---|---|
| Cement, alumina, chemicals | STP | 10 mg/L | Fresh water | 260 mg/L |
| CAS: 65997-16-2 | Soil | Not available | Marine water | Not available |
| EC: 266-045-5 | Intermittent | 260 mg/L | Sediment (Fresh water) | Not available |
| | Oral | Not available | Sediment (Marine water) | Not available |
| Neopentyl glycol propoxylate diacrylate | STP | 0.1 mg/L | Fresh water | 0.003 mg/L |
| CAS: 84170-74-1 | Soil | 0.011 mg/kg | Marine water | 0 mg/L |
| EC: 617-546-6 | Intermittent | 0.027 mg/L | Sediment (Fresh water) | 0.064 mg/kg |
| | Oral | Not available | Sediment (Marine water) | 0.006 mg/kg |
| 1,2-Benzisothiazol-3(2H)-one | STP | 1.03 mg/L | Fresh water | 0.00403 mg/L |
| CAS: 2634-33-5 | Soil | 3 mg/kg | Marine water | 0.000403 mg/L |
| EC: 220-120-9 | Intermittent | 0.0011 mg/L | Sediment (Fresh water) | 0.0499 mg/kg |
| | Oral | Not available | Sediment (Marine water) | 0.00499 mg/kg |

### 8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<UKCA marking>> or <<CE marking>>. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,…) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

| Pictogram | PPE | Remarks |
|---|---|---|
|  Compulsory use of face mask | Filter mask for particles (Filter type: P/FFP) | Replace when an increase in resistence to breathing is observed. |

C.- Specific protection for the hands

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

| Pictogram | PPE | Remarks |
|---|---|---|
|  Mandatory hand protection | Protective gloves against minor risks | Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN ISO 21420:2020 and EN ISO 374-1:2016+ A1:2018 |

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection

| Pictogram | PPE | Remarks |
|---|---|---|
|  Mandatory face protection | Panoramic glasses against splash/projections. | Clean daily and disinfect periodically according to the manufacturer´s instructions. Use if there is a risk of splashing. |

E.- Body protection

| Pictogram | PPE | Remarks |
|---|---|---|
| | Work clothing | Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994. |
| | Anti-slip work shoes | Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2022 y EN 13832-1:2019 |

F.- Additional emergency measures

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.

| Emergency measure | Standards | Emergency measure | Standards |
|---|---|---|---|
|  Emergency shower | ANSI Z358-1<br>ISO 3864-1:2011, ISO 3864-4:2011 |  Eyewash stations | DIN 12 899<br>ISO 3864-1:2011, ISO 3864-4:2011 |

**Environmental exposure controls:**

To comply with environmental protection regulations, it is recommended to prevent any spillage of the product and its container. For more detailed information, please refer to subsection 7.1.D.

**The Volatile Organic Compounds in Paints, Varnishes and Vehicle Refinishing Products Regulations 2012:**

V.O.C. (Supply): 0 % weight

V.O.C. density at 20 ºC: 0 kg/m³ (0 g/L)

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**9.1 Information on basic physical and chemical properties:**

For complete information see the product datasheet.

**Appearance:**

| | |
|---|---|
| Physical state at 20 ºC: | Solid |
| Appearance: | Powdery |
| Colour: | Beige |
| Odour: | Not available * |
| Odour threshold: | Not available * |

**Volatility:**

*Not available due to the nature of the product, not providing information property of its hazards.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

| | |
|---|---|
| Boiling point at atmospheric pressure: | Not available * |
| Vapour pressure at 20 ºC: | Not available * |
| Vapour pressure at 50 ºC: | Not available * |
| Evaporation rate at 20 ºC: | Not available * |
| **Product description:** | |
| Density at 20 ºC: | 1.7 kg/m³ |
| Relative density at 20 ºC: | 2 |
| Dynamic viscosity at 20 ºC: | Not available * |
| Kinematic viscosity at 20 ºC: | Not available * |
| Kinematic viscosity at 40 ºC: | Not available * |
| Concentration: | Not available * |
| pH: | >10 |
| Relative vapour density at 20 ºC: | Not available * |
| Partition coefficient n-octanol/water 20 ºC: | Not available * |
| Solubility in water at 20 ºC: | Not available * |
| Solubility properties: | Not available * |
| Decomposition temperature: | Not available * |
| Melting point/freezing point: | Not available * |
| **Flammability:** | |
| Flash Point: | Not available * |
| Flammability (solid, gas): | Not available * |
| Autoignition temperature: | Not available * |
| Lower flammability limit: | Not available * |
| Upper flammability limit: | Not available * |
| **Explosive (Solid):** | |
| Lower explosive limit: | Not available * |
| Upper explosive limit: | Not available * |
| **Particle characteristics:** | |
| Median equivalent diameter: | 300 µm |

**9.2 Other information:**

**Information with regard to physical hazard classes:**

| | |
|---|---|
| Explosive properties: | Not available * |
| Oxidising properties: | Not available * |
| Corrosive to metals: | Not available * |
| Heat of combustion: | Not available * |
| Aerosols-total percentage (by mass) of flammable components: | Not available * |
| **Other safety characteristics:** | |
| Surface tension at 20 ºC: | Not available * |
| Refraction index: | Not available * |

*Not available due to the nature of the product, not providing information property of its hazards.

## SECTION 10: STABILITY AND REACTIVITY

**10.1 Reactivity:**

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

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## SECTION 10: STABILITY AND REACTIVITY (continued)

**10.2 Chemical stability:**

Chemically stable under the indicated conditions of storage, handling and use.

**10.3 Possibility of hazardous reactions:**

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

**10.4 Conditions to avoid:**

Applicable for handling and storage at room temperature:

| Shock and friction | Contact with air | Increase in temperature | Sunlight | Humidity |
|---|---|---|---|---|
| Not applicable | Not applicable | Not applicable | Not applicable | Avoid direct impact |

**10.5 Incompatible materials:**

| Acids | Water | Oxidising materials | Combustible materials | Others |
|---|---|---|---|---|
| Incompatible | Silicate formation and calcium hydroxide | Avoid direct impact | Not applicable | Base metal salts (Al, NH4,...) |

**10.6 Hazardous decomposition products:**

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide ($CO_2$), carbon monoxide and other organic compounds.

## SECTION 11: TOXICOLOGICAL INFORMATION

**11.1 Information on toxicological effects:**

The experimental information related to the toxicological properties of the product itself is not available

**Dangerous health implications:**

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
  IARC: Not relevant
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with sensitising effects. For more information see section 3.

F- Specific target organ toxicity (STOT) - single exposure:

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## SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**Other information:**

Contact with human skin, without adequate protection, can result in skin thickening, cracking, or fissuring

**Specific toxicology information on the substances:**

| Identification | Acute toxicity | | Genus |
|---|---|---|---|
| Cement, alumina, chemicals<br>CAS: 65997-16-2<br>EC: 266-045-5 | LD50 oral | >2000 mg/kg | |
| | LD50 dermal | >2000 mg/kg | |
| | LC50 inhalation dust | >5 mg/L | |
| Neopentyl glycol propoxylate diacrylate<br>CAS: 84170-74-1<br>EC: 617-546-6 | LD50 oral | >2000 mg/kg | |
| | LD50 dermal | >2000 mg/kg | |
| | LC50 inhalation vapour | >20 mg/L | |
| 1,2-Benzisothiazol-3(2H)-one<br>CAS: 2634-33-5<br>EC: 220-120-9 | LD50 oral | 450 mg/kg | |
| | LD50 dermal | >2000 mg/kg | |
| | LC50 inhalation dust | 0.21 mg/L | |

**11.2 Information on other hazards:**

**Endocrine disrupting properties**

Endocrine-disrupting properties: The product does not meet the criteria.

## SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

**12.1 Toxicity:**

**Acute toxicity:**

| Identification | Concentration | | Species | Genus |
|---|---|---|---|---|
| Neopentyl glycol propoxylate diacrylate<br>CAS: 84170-74-1 | LC50 | 2.7 mg/L (96 h) | Danio rerio | Fish |
| | EC50 | 37 mg/L (48 h) | Daphnia magna | Crustacean |
| | EC50 | 3.4 mg/L (72 h) | Pseudokirchneriella subcapitata | Algae |
| 1,2-Benzisothiazol-3(2H)-one<br>CAS: 2634-33-5 | LC50 | 2.18 mg/L (96 h) | Oncorhynchus mykiss | Fish |
| | EC50 | 2.9 mg/L (48 h) | Daphnia magna | Crustacean |
| | EC50 | 0.11 mg/L (72 h) | Pseudokirchneriella subcapitata | Algae |

**Chronic toxicity:**

| Identification | Concentration | | Species | Genus |
|---|---|---|---|---|
| 1,2-Benzisothiazol-3(2H)-one | NOEC | >0.01 - 0.1 mg/L | | Fish |
| CAS: 2634-33-5 | NOEC | >0.01 - 0.1 mg/L | | Crustacean |

**12.2 Persistence and degradability:**

**Substance-specific information:**

| Identification | Degradability | | Biodegradability | |
|---|---|---|---|---|
| Neopentyl glycol propoxylate diacrylate | BOD5 | Not relevant | Concentration | 2 mg/L |
| CAS: 84170-74-1 | COD | Not relevant | Period | 56 days |
| EC: 617-546-6 | BOD5/COD | Not relevant | % Biodegradable | 70 % |

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## SECTION 12: ECOLOGICAL INFORMATION (continued)

| Identification | Degradability | | Biodegradability | |
|---|---|---|---|---|
| 1,2-Benzisothiazol-3(2H)-one | BOD5 | Not relevant | Concentration | 1 mg/L |
| CAS: 2634-33-5 | COD | Not relevant | Period | 63 days |
| EC: 220-120-9 | BOD5/COD | Not relevant | % Biodegradable | 85 % |

**12.3 Bioaccumulative potential:**

**Substance-specific information:**

| Identification | Bioaccumulation potential | |
|---|---|---|
| 1,2-Benzisothiazol-3(2H)-one | BCF | 7 |
| CAS: 2634-33-5 | Pow Log | 0.7 |
| EC: 220-120-9 | Potential | Low |

**12.4 Mobility in soil:**

| Identification | Absorption/desorption | | Volatility | |
|---|---|---|---|---|
| 1,2-Benzisothiazol-3(2H)-one | Koc | 9.33 | Henry | Not relevant |
| CAS: 2634-33-5 | Conclusion | Very High | Dry soil | Not relevant |
| | Surface tension | Not relevant | Moist soil | Not relevant |

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

Product does not meet PBT/vPvB criteria

**12.6 Endocrine disrupting properties:**

Endocrine-disrupting properties: The product does not meet the criteria.

## SECTION 13: DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods:**

| Code | Description | Waste class |
|---|---|---|
| 08 01 12 | waste paint and varnish other than those mentioned in 08 01 11 | Non-hazardous |

Product - Cement that has exceeded its shelf life: 10 13 99
Product - Unused residue or dry spillage: 10 13 06
Product - after addition of water, hardened: 10 13 14, 17 01 01

**Type of waste:**

Not relevant

**Waste management (disposal and evaluation):**

Consult the authorized waste service manager on the assessment and disposal operations in accordance The Waste (England & Wales) Regulations 2011, 2011 No. 988. As under 15 01 of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

**Regulations related to waste management:**

In accordance with Annex II of UK REACH the provisions related to waste management are stated:

UK legislation: The Waste (England & Wales) Regulations 2011.

## SECTION 14: TRANSPORT INFORMATION

**Transport of dangerous goods by land:**
With regard to ADR 2025 and RID 2025:

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## SECTION 14: TRANSPORT INFORMATION (continued)

| | | |
|---|---|---|
| **14.1** | **UN number:** | Not relevant |
| **14.2** | **UN proper shipping name:** | Not relevant |
| **14.3** | **Transport hazard class(es):** | Not relevant |
| | Labels: | Not relevant |
| **14.4** | **Packing group:** | Not relevant |
| **14.5** | **Environmental hazards:** | No |
| **14.6** | **Special precautions for user** | |
| | Tunnel restriction code: | Not relevant |
| | Physico-Chemical properties: | see section 9 |
| **14.7** | **Transport in bulk according to Annex II of Marpol and the IBC Code:** | Not relevant |

**Transport of dangerous goods by sea:**

With regard to IMDG 42-24:

| | | |
|---|---|---|
| **14.1** | **UN number:** | Not relevant |
| **14.2** | **UN proper shipping name:** | Not relevant |
| **14.3** | **Transport hazard class(es):** | Not relevant |
| | Labels: | Not relevant |
| **14.4** | **Packing group:** | Not relevant |
| **14.5** | **Marine pollutant:** | No |
| **14.6** | **Special precautions for user** | |
| | Special regulations: | Not relevant |
| | EmS Codes: | |
| | Physico-Chemical properties: | see section 9 |
| | Limited quantities: | Not relevant |
| | Segregation group: | Not relevant |
| **14.7** | **Transport in bulk according to Annex II of Marpol and the IBC Code:** | Not relevant |

**Transport of dangerous goods by air:**

With regard to IATA/ICAO 2026:

| | | |
|---|---|---|
| **14.1** | **UN number:** | Not relevant |
| **14.2** | **UN proper shipping name:** | Not relevant |
| **14.3** | **Transport hazard class(es):** | Not relevant |
| | Labels: | Not relevant |
| **14.4** | **Packing group:** | Not relevant |
| **14.5** | **Environmental hazards:** | No |
| **14.6** | **Special precautions for user** | |
| | Physico-Chemical properties: | see section 9 |
| **14.7** | **Transport in bulk according to Annex II of Marpol and the IBC Code:** | Not relevant |

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## SECTION 15: REGULATORY INFORMATION

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

- Convention on the Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons and on Their Destruction(CWC): Not relevant
- Prior Informed Consent (PIC) List: Not relevant
- Substances listed in UK candidate list of substances of very high concern (SVHCs): Not relevant
- Substances listed in UK REACH Authorisation List (Annex 14): Not relevant

**The Control of Major Accident Hazards Regulations 2015:**

Not relevant

**Restrictions to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII UK REACH, etc ....):**

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## SECTION 15: REGULATORY INFORMATION (continued)

1. Cement and cement-containing mixtures shall not be placed on the market, or used, if they contain, when hydrated, more than 2 mg/kg (0,0002 %) soluble chromium VI of the total dry weight of the cement.
2. If reducing agents are used, then without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of cement or cement-containing mixtures is visibly, legibly and indelibly marked with information on the packing date, as well as on the storage conditions and the storage period appropriate to maintaining the activity of the reducing agent and to keeping the content of soluble chromium VI below the limit indicated in paragraph 1.
3. By way of derogation, paragraphs 1 and 2 shall not apply to the placing on the market for, and use in, controlled closed and totally automated processes in which cement and cement-containing mixtures are handled solely by machines and in which there is no possibility of contact with the skin.

Occupational exposure to respirable crystalline silica must be controlled pursuant to Directive (EU) 2019/130.

**Specific provisions in terms of protecting people or the environment:**

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

**Other legislation:**

The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020.
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020.
Control of Substances Hazardous to Health Regulations 2002 (as amended)
EH40/2005 Workplace exposure limits.

## SECTION 16: OTHER INFORMATION

**Legislation related to safety data sheets:**

This safety data sheet has been designed in accordance with ANNEX II-The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020.

**Texts of the legislative phrases mentioned in section 3:**

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

**GB CLP Regulation (UK S.I. 2019/720 and UK S.I. 2020/1567):**

Acute Tox. 2: H330 - Fatal if inhaled.
Acute Tox. 4: H302 - Harmful if swallowed.
Aquatic Acute 1: H400 - Very toxic to aquatic life.
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
Eye Dam. 1: H318 - Causes serious eye damage.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1A: H317 - May cause an allergic skin reaction.

**Classification procedure:**

Not relevant

**Advice related to training:**

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

**Principal bibliographical sources:**

http://echa.europa.eu
http://eur-lex.europa.eu

**Abbreviations and acronyms:**

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## SECTION 16: OTHER INFORMATION (continued)

ADR: European agreement concerning the international carriage of dangerous goods by road
IMDG: International maritime dangerous goods code
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
COD: Chemical Oxygen Demand
BOD5: 5day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
LogPOW: Octanolwater partition coefficient
Koc: Partition coefficient of organic carbon
UFI: unique formula identifier
IARC: International Agency for Research on Cancer

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The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at UK, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -