

SAFETY DATA SHEET



ULTIBED Mortar 60, ULTIBED Mortar 90, ULTIBED Pole Reinstatement, ULTIBED Concrete & ULTIBED Flowing Concrete

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830
AS AMENDED BY UK REACH REGULATIONS SI 2019/758

Date of issue: 10/04/2025
Version: 1.0

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

1.1 Product identifier

Product name	ULTIBED Mortar 60; ULTIBED Mortar 90; ULTIBED Pole Reinstatement; ULTIBED Concrete; ULTIBED Flowing Concrete
CAS No.	Not applicable - Mixture
EINECS No.	Not applicable - Mixture
Unique Formula Identifier (UFI)	
Ultibed Mortar 60	EPF2-5063-G00U-JY8E
Ultibed Mortar 90	7SF2-N0VG-T00C-69UG
Ultibed Concrete	CEF2-N03W-K00C-JXH7
Ultibed Flowing Concrete	CHF2-40T9-V00V-7939
Ultibed Concrete 10mm	HMG2-Q0SF-V009-TQP4
Ultibed Concrete 10mm Flowing	AQG2-70FV-500T-G286

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

Identified Use(s)	General Purpose Bedding Mortar; Rapid Set Flowing Concrete; Rapid Set Concrete.
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 +44 (0)345 812 6232 info-cement@tarmac.com
Telephone	
E-mail (competent person)	

1.4 Emergency telephone number

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

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.1 The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain	Skin Corr. 1; H314 Eye Dam. 1; H318 Skin Sens. 1; H317
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2.2 Label elements

	According to the retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain
Product name	ULTIBED Mortar 60; ULTIBED Mortar 90; ULTIBED Pole Reinstatement; ULTIBED Concrete; ULTIBED Flowing Concrete
Contains:	Portland cement clinker

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Hazard Pictogram(s)



Signal Word(s)

DANGER

Hazard Statement(s)

H314: Causes severe skin burns and eye damage.
H317: May cause an allergic skin reaction.

Precautionary Statement(s)

P260: Do not breathe dust.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P501: Dispose of contents/container according to national/local hazardous waste disposal regulations.

Supplemental information

Not applicable

2.3 Other hazards

Not classified as PBT or vPvB. Does not cause endocrine disruption.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances - Not applicable

3.2 Mixtures

Classification: The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain

Chemical identity of the substance	%W/W	CAS No.	EC No.	UK-REACH Registration No.	Hazard classification
Portland cement clinker	13.5-19.5	65997-15-1	266-043-4	Not yet assigned in the supply chain	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Eye Dam. 1; H318 STOT SE. 3; H335
Cement, alumina, chemicals	8-13	65997-16-2	266-045-5	Not yet assigned in the supply chain	Eye Irrit. 2; H319

For full text of H phrases see section 16.

SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Self-protection of the first aider

No action should be taken involving personal risk. Wear appropriate personal protective equipment, avoid direct contact. Ensure adequate ventilation. Do not breathe dust. Do not get in eyes. Do not get on skin. Contaminated clothing should

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Inhalation	be laundered before reuse. Wash hands and body thoroughly after handling. Specific treatment (see on this label). IF INHALED: Remove person to fresh air and keep comfortable for breathing. If symptoms develop, obtain medical attention.
Skin contact	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water. Immediately call a POISON CENTER/doctor.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
Ingestion	IF SWALLOWED: Rinse mouth. Give plenty of water to drink. Do NOT induce vomiting. Do not give anything by mouth to an unconscious person. May cause damage to the digestive tract if swallowed. Immediately call a POISON CENTER/doctor.
4.2 Most important symptoms and effects, both acute and delayed	Causes severe skin burns and eye damage. May cause an allergic skin reaction.
4.3 Indication of any immediate medical attention and special treatment needed	Treat symptomatically.
Notes to a physician:	IF IN EYES: Treatment by an ophthalmologist due to possible caustic burn of the eyes may be required.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media Suitable extinguishing media	Alcohol Resistant Foam, Water fog, Carbon dioxide or Dry powder. Use fire extinguishing methods suitable to surrounding conditions.
Unsuitable extinguishing media	Do not use water jet. Direct water jet may spread the fire.
5.2 Special hazards arising from the substance or mixture	Product is not classified as flammable, but will burn on contact with flame or exposure to high temperature. By heating and fire, harmful vapours/gases may be formed.
5.3 Advice for firefighters	Fight fire with normal precautions from a reasonable distance. Keep upwind. Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep containers cool by spraying with water if exposed to fire. Avoid run off to waterways and sewers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures	No action should be taken involving personal risk. Ensure operatives are trained to minimise exposures. Only trained and properly protected personnel must be involved in clean-up operations. Wear appropriate personal protective equipment, avoid direct contact. Ensure adequate ventilation. Do not breathe dust. Do not get in eyes. Do not get on skin. Remove contaminated clothing and wash all affected areas with plenty of water. Wash contaminated clothing before reuse.
6.2 Environmental precautions	Avoid release to the environment.
6.3 Methods and material for containment and cleaning up	Provided it is safe to do so, isolate the source of the leak. Sweep up and shovel into waste drums or plastic bags. Avoid dust generation. Transfer to a container for disposal. Wash the spillage area with water. Neutralise with Acid. Do not release undiluted and unneutralised to the sewer.
6.4 Reference to other sections	See Section: 8,13

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling	Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not breathe dust. Do not get in eyes. Do not get on
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7.2 Conditions for safe storage, including any incompatibilities

storage temperature
Incompatible materials

7.3 Specific end use(s)

skin. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Wash contaminated clothing before reuse.
Keep only in the original container. Keep container in an upright position. Keep container tightly closed. Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources. Do not store near acids.
Keep cool. Protect from sunlight.
Acid Anhydrides, Acids, Phenols, Cresols.
See Section: 1.2

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational exposure limits

SUBSTANCE	CAS No.	LTCL (8 hr TWA ppm)	LTCL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Cement, portland, chemicals	65997-15-1	-	10 (inhalable dust); 4 (respirable dust)	-	-	-
Calcium dihydroxide	1305-62-0	-	5; 1 (respirable fraction)	-	4 (respirable fraction)	-

Source: WEL: Workplace Exposure Limit (UK HSE EH40)

8.1.2 Biological limit value

Not established

8.1.3 PNECs and DNELs

Not established

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure adequate ventilation Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources. 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

Keep good industrial hygiene. Wear appropriate personal protective equipment, avoid direct contact. Ensure adequate ventilation. Do not breathe dust. Do not get in eyes. Do not get on skin. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Wash contaminated clothing before reuse.

Eye/ face protection



Use eye protection according to EN 166, designed to protect against dusts

Skin protection



Wear suitable chemical resistant protective gloves for frequent or prolonged operations tested to EN374 with an acceptable permeation test. Contaminated gloves should be carefully rinsed with water before reuse.

Respiratory protection



Respiratory protection is not necessary if room is well ventilated. In case of inadequate ventilation wear respiratory protection. An approved dust mask should be worn if exposure to levels above the occupational exposure limit is likely.

Thermal hazards

Not applicable

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8.2.3 Environmental exposure controls

Keep container tightly closed. Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Solid. Powder
Odour	Slight
Odour threshold	Not Determined
pH	≥ 11.5
Melting point/freezing point	Not Determined
Initial boiling point and boiling range	Not applicable
Flash point	Not applicable (Product is a solid).
Evaporation rate	Not Determined
Flammability (solid, gas)	Not flammable
Upper/lower flammability or explosive limits	Not Determined
Vapour pressure	Not Determined
Vapour density	Not Determined
Relative density	Not Determined
Solubility(ies)	Soluble in water.
Partition coefficient: n-octanol/water	Not Determined
Auto-ignition temperature	Not Determined
Decomposition temperature	Not Determined
Viscosity	Not applicable
Explosive properties	Not Determined
Oxidising properties	Not Determined

9.2 Other information

None Known

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions. No known hazardous reactions.
10.2 Chemical stability	Stable under normal conditions
10.3 Possibility of hazardous reactions	None anticipated. Product is not classified as flammable, but will burn on contact with flame or exposure to high temperature.
10.4 Conditions to avoid	Avoid high temperatures or direct sunlight.
10.5 Incompatible materials	Acid Anhydrides, Acids, Phenols, Cresols.
10.6 Hazardous decomposition products	By heating and fire, harmful vapours/gases may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

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 Corr. 1; H314: Causes severe skin burns and eye damage. Extreme pH. See section 9.
Portland cement clinker	Skin Irrit. 2; H315: Causes skin irritation.
Serious eye damage/irritation	EU classification and labelling inventory. (220 Notifiers)
Portland cement clinker	Mixture: Eye Dam. 1; H318: Causes serious eye damage.
	Eye Dam. 1; H318: Causes serious eye damage.
	EU classification and labelling inventory. (220 Notifiers)

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Respiratory or skin sensitisation	Mixture: Skin Sens. 1; H317: May cause an allergic skin reaction.
Portland cement clinker	Skin Sens. 1B; H317: May cause an allergic skin reaction.
	EU classification and labelling inventory. (220 Notifiers)
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: Based upon the available data, the classification criteria are not met.
STOT - repeated exposure	Mixture: Based upon the available data, the classification criteria are not met.
Aspiration hazard	Mixture: Based upon the available data, the classification criteria are not met.
11.2 Other information	None Known

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Mixture: Based upon the available data, the classification criteria are not met.
12.2 Persistence and degradability	Estimated LC50 (Mixture): >100 mg/l.
Portland cement clinker	No data for the mixture as a whole.
Cement, alumina, chemicals	Not applicable for inorganic substances.
12.3 Bioaccumulative potential	Not applicable for inorganic substances.
Portland cement clinker	No data for the mixture as a whole.
Cement, alumina, chemicals	No data available
12.4 Mobility in soil	Low bioaccumulation potential.
Portland cement clinker	No data for the mixture as a whole.
Cement, alumina, chemicals	No data available
12.5 Results of PBT and vPvB assessment	No data available
12.6 Other adverse effects	This mixture does not contain any substance considered to be PBT or vPvB.
	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Dispose of this material and its container as hazardous waste. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Disposal should be in accordance with local, state or national legislation.
13.2 Additional information	
Waste classification according to Directive 2008/98/EC (Waste Framework Directive)	HP 4: Irritant — skin irritation and eye damage HP 5: Specific Target Organ Toxicity (STOT)/Aspiration Toxicity HP 8: Corrosive HP 13: Sensitising

SECTION 14: TRANSPORT INFORMATION

Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.

	ADR/RID	IMDG	IATA/ICAO
14.1 UN number	UN 1759	UN 1759	UN 1759
14.2 UN proper shipping name	CORROSIVE SOLID, N.O.S	CORROSIVE SOLID, N.O.S	CORROSIVE SOLID, N.O.S
14.3 Transport hazard class(es)	8	8	8
14.4 Packing group	III	III	III
14.5 Environmental hazards	Not classified	Not classified as a Marine Pollutant.	Not classified
14.6 Special precautions for user	See section 2		
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable	Not applicable	Not applicable

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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.
	GB regulations	Not listed
15.1.2	National regulations	
	Germany	Water hazard class (WGK): slightly hazardous to water (WGK 1), (Self classification)
15.2	Chemical Safety Assessment	A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: Not Applicable – V1.0

References: EU classification and labelling inventory for Portland cement clinker (CAS No 65997-15-1), Existing ECHA registration for Cement, alumina, chemicals (CAS No 65997-16-2)

Classification: This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830. Compiled in accordance with REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

Classification of the substance or mixture. The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain	Classification procedure
Skin Corr. 1; H314	Extreme pH
Eye Dam. 1; H318	Threshold Calculation
Skin Sens. 1; H317	Threshold 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
LTEL	Long term exposure limit
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:

Skin Corr. 1 ; Skin corrosion/irritation, Category 1
Skin Irrit. 2; Skin corrosion/irritation, Category 2
Eye Dam. 1; Eye damage, category 1
Eye Irrit. 2; Eye irritation, Category 2
Skin Sens. 1; Skin Sensitisation, Category 1
Skin Sens. 1B; Skin Sensitisation, Category 1B
STOT SE 3; Specific target organ toxicity — single exposure, Category 3

Hazard Statement(s)

H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H317: May cause an allergic skin reaction.
H317: May cause an allergic skin reaction.
H335: May cause respiratory irritation.

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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.

Disclaimers

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Annex to the extended Safety Data Sheet (eSDS)

Exposure scenarios for substances in this preparation are not available.