

SAFETY DATA SHEET

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

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

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

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
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
Nanoform
The product does not contain nanoparticles.
- 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
Telephone
+44 (0)345 812 6232
E-mail (competent person)
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

SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture Regulation (EC) No. 1272/2008 (CLP)**
Skin Corr. 1; H314
Eye Dam. 1; H318
Skin Sens. 1; H317
- 2.2 Label elements**
Product name
According to Regulation (EC) No. 1272/2008 (CLP).
ULTIBED Mortar 60; ULTIBED Mortar 90; ULTIBED Pole Reinstatement; ULTIBED Concrete; ULTIBED Flowing Concrete
Contains:
Portland cement clinker
Hazard Pictogram(s)



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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

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)
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

Note: 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 be laundered before reuse. Wash hands and body thoroughly after handling. Specific treatment (see on this label).

Inhalation

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.

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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 skin. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Wash contaminated clothing before reuse.
7.2 Conditions for safe storage, including any incompatibilities Storage temperature Incompatible materials	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.

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7.3 Specific end use(s)

See Section: 1.2

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational exposure limits

European Union

EC No.	CAS No.	Name of the Chemical Agent	Limit Values			
			8 hours		Short-term	
			mg/m ³	ppm	mg/m ³	ppm
215-137-3	1305-62-0	Calcium dihydroxide	5; 1 (respirable fraction)	--	4 (respirable fraction)	--

Source: IOELV: Indicative Occupational Exposure Limit Value

Northern Ireland

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

Source: 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.

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



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.

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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

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

Physical state	Solid. Powder
Colour	Not Determined
Odour	Slight
Melting point/freezing point	Not Determined
Boiling point or initial boiling point and boiling range	Not Determined
Flammability	Not flammable
Lower and upper explosion limit	Not Determined
Flash point	Not applicable (Product is a solid).
Auto-ignition temperature	Not Determined
Decomposition temperature	Not Determined
pH	≥ 11.5
Kinematic viscosity	Not Determined
Solubility	Soluble in water.
Partition coefficient: n-octanol/water (log value)	Not Determined
Vapour pressure	Not Determined
Density and/or relative density	Not Determined
Relative vapour density	Not Determined
Particle characteristics	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 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 Corr. 1; H314: Causes severe skin burns and eye damage.

Extreme pH. See section 9.

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	Portland cement clinker	Skin Irrit. 2; H315: Causes skin irritation. EU classification and labelling inventory. (220 Notifiers)
Serious eye damage/irritation		Mixture: Eye Dam. 1; H318: Causes serious eye damage.
	Portland cement clinker	Eye Dam. 1; H318: Causes serious eye damage. EU classification and labelling inventory. (220 Notifiers)
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 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

SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	Mixture: Based upon the available data, the classification criteria are not met. Estimated LC50 (Mixture): >100 mg/l.
12.2	Persistence and degradability	No data for the mixture as a whole.
	Portland cement clinker	Not applicable for inorganic substances.
	Cement, alumina, chemicals	Not applicable for inorganic substances.
12.3	Bioaccumulative potential	No data for the mixture as a whole.
	Portland cement clinker	No data available
	Cement, alumina, chemicals	Low bioaccumulation potential.
12.4	Mobility in soil	No data for the mixture as a whole.
	Portland cement clinker	No data available
	Cement, alumina, chemicals	No data available
12.5	Results of PBT and vPvB assessment	This mixture does not contain any substance considered to be 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.

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.
	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

14.1	UN number or ID number	ADR/RID UN 1759	IMDG UN 1759	IATA/ICAO UN 1759
14.2	UN proper shipping name	CORROSIVE SOLID, N.O.S	CORROSIVE SOLID, N.O.S	CORROSIVE SOLID, N.O.S

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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	Maritime transport in bulk according to IMO instruments	Not applicable	Not applicable	Not applicable
14.8	Additional information	None	None	None

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): 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)

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
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

Hazard Statement(s)

H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H318: Causes serious eye damage.

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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

H319: Causes serious eye irritation.

H317: May cause an allergic skin reaction.

H317: May cause an allergic skin reaction.

H335: May cause respiratory irritation.

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

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Tarmac Packed Products gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Tarmac Packed Products accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.

Annex to the extended Safety Data Sheet (eSDS)

Exposure scenarios for substances in this preparation are not available.