

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 4 Mar 2024

Print date: 20 Mar 2024

Version: 3

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Mortar Fix 480g (Comp. B)

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

1.1. Product identifier

Trade name/designation:

Mortar Fix 480g (Comp. B)

Article No.:

T602701

UFI:

DEC7-S6FV-KV0K-AU7U

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

Use of the substance/mixture:

Industrielle Verwendung, Gewerbliche Nutzung

1.3. Details of the supplier of the safety data sheet

Supplier:

KANDO Service GmbH

Hartleitnerstraße 3

4653 Eberstälzell

Austria

Telephone: +43 (0) 7241 213 79

E-mail: msds@kando.eu

1.4. Emergency telephone number

Vergiftungsinformationszentrale (VIZ), Stubenring 6, 1010 Wien, 24h: 01 406 43 43, Montag - Freitag: 8 bis 16 Uhr, Tel.: 01 406 68 98 (keine medizinische Auskunft) (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
Serious eye damage/eye irritation (<i>Eye Irrit. 2</i>)	H319: Causes serious eye irritation.	
Respiratory or skin sensitisation (<i>Skin Sens. 1</i>)	H317: May cause an allergic skin reaction.	
Hazardous to the aquatic environment (<i>Aquatic Chronic 3</i>)	H412: Harmful to aquatic life with long lasting effects.	

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms:



GHS07

Exclamation mark

Signal word: Warning

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Hazard components for labelling:

dibenzoyl peroxide; Ethylenglykol

Hazard statements for health hazards

H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

Hazard statements for environmental hazards

H412	Harmful to aquatic life with long lasting effects.
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Supplemental hazard information: none

Precautionary statements Prevention

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands, forearms and the face thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing and eye protection/face protection.

Precautionary statements Response

P302 + P352	IF ON SKIN: Wash with plenty of water and soap.
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2.3. Other hazards






Other adverse effects:

The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII. The mixture does not contain substances listed for endocrine disrupting properties in accordance with REACH Article 59(1) or has been determined not to contain substances with endocrine disrupting properties in a concentration equal to or greater than 0.1% in accordance with the criteria set out in Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 94-36-0 EC No.: 202-327-6 Index No.: 617-008-00-0 REACH No.: 01-2119511472-50	dibenzoyl peroxide Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Eye Irrit. 2 (H319), Org. Perox. B (H241), Skin Sens. 1 (H317)    Danger M-factor (acute): 10 M-factor (chronic): 10	10 - 20 %
CAS No.: 107-21-1 EC No.: 203-473-3 Index No.: 603-027-00-1 REACH No.: 01-2119456816-28	Ethylenglykol Acute Tox. 4 (H302), STOT RE 2 (H373)   Warning Additional information: Substance with a community workplace exposure limit	> 3 - < 10 %

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Following inhalation:

Remove person to fresh air and keep comfortable for breathing.

In case of skin contact:

Rinse skin with water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

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Following ingestion:

Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Let 1 glass of water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

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

Following skin contact: May cause an allergic skin reaction.

After eye contact: Causes eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Dry extinguishing powder, Foam, Water spray jet

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in the event of fire: Possible release of toxic fumes.

Hazardous combustion products:

In case of fire: Gases/vapours, toxic

5.3. Advice for firefighters

Schutz BEI der Brandbekämpfung: Do not attempt to operate without suitable protective equipment. Full protective clothing. Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Ventilate affected area. Avoid contact with eyes and skin. Avoid breathing dust/fume/gas/mist/vapours/spray.

6.1.2. For emergency responders

Personal protection equipment:

Do not attempt to operate without suitable protective equipment. Additional information SECTION 8: Exposure controls/personal protection

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For cleaning up:

Product Take up mechanically.

Other information:

Feed substances or residues in solid form to an approved facility.

6.4. Reference to other sections

For further information on disposal: see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Ensure good ventilation/extraction at the workplace. Avoid contact with eyes and skin. Avoid breathing dust/fume/gas/mist/vapours/spray. Use personal protection equipment.

Measures to prevent aerosol and dust generation:

Dust should be exhausted directly at the point of origin.

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Advices on general occupational hygiene

Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Store in a well-ventilated place. Keep cool.

Storage class (TRGS 510, Germany): 13 - Non-combustible solids that cannot be assigned to any of the above storage classes

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
MAK (AT)	dibenzoyl peroxide CAS No.: 94-36-0 EC No.: 202-327-6	② 10 mg/m ³ ⑤ (einatembare Fraktion max. 8x5 min./Schicht, Momentanwert, Momentanwert) Sh
MAK (AT)	dibenzoyl peroxide CAS No.: 94-36-0 EC No.: 202-327-6	① 5 mg/m ³ ⑤ (einatembare Fraktion) Sh
MAK (AT)	Ethylenglykol CAS No.: 107-21-1 EC No.: 203-473-3	① 10 ppm (26 mg/m ³) ⑤ (kann über die Haut aufgenommen werden) H
MAK (AT)	Ethylenglykol CAS No.: 107-21-1 EC No.: 203-473-3	② 20 ppm (52 mg/m ³) ⑤ (max. 8x5 min./Schicht, Momentanwert, kann über die Haut aufgenommen werden) H
IOELV (EU)	Ethylenglykol CAS No.: 107-21-1 EC No.: 203-473-3	① 20 ppm (52 mg/m ³) ② 40 ppm (104 mg/m ³) ⑤ (may be absorbed through the skin)

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

No data available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure good ventilation/extraction at the workplace.

8.2.2. Personal protection equipment



Eye/face protection:

Safety goggles

Skin protection:

Skin and body protection: Wear suitable protective clothing when working.

Hand protection: Chemical protective gloves (according to European standard EN 374 or equivalent),

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Type: Disposable gloves, Reusable gloves

Glove material: NBR (Nitrile rubber), Butyl caoutchouc (butyl rubber), Viton® II

Breakthrough time: 6 (>480 min.), Thickness of the glove material: 0,4. EN ISO 374

As the product is a preparation of several substances, the resistance of glove materials cannot be calculated in advance and must therefore be checked before use.

Respiratory protection:

In case of inadequate ventilation wear respiratory protection. EN 141

8.2.3. Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: solid

Colour: white, black, beige, grey

Odour: Barely perceptible odor.

Safety relevant basis data

Parameter	Value	① Method ② Remark
pH	No data available	
Melting point	0 °C	
Freezing point	No data available	
Initial boiling point and boiling range	No data available	
Flash point	not applicable	
Evaporation rate	No data available	
Upper/lower flammability or explosive limits	not applicable	
Vapour pressure	No data available	
Density		
Relative density	1.45	
Bulk density	No data available	
Water solubility	practically insoluble	

particle characteristics:

No data available

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is not reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions are known under normal conditions of use.

10.4. Conditions to avoid

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

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No hazardous decomposition products if stored and used as directed.

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SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

dibenzoyl peroxide	CAS No.: 94-36-0	EC No.: 202-327-6
LD₅₀ oral: >2,000 mg/kg (Rat)		
Ethylenglykol	CAS No.: 107-21-1	EC No.: 203-473-3
LD₅₀ oral: >7,712 mg/kg (Rat)		
LD₅₀ dermal: 3,500 mg/kg		

Acute oral toxicity:

Based on available data, the classification criteria are not met.

Acute dermal toxicity:

Based on available data, the classification criteria are not met.

Acute inhalation toxicity:

Based on available data, the classification criteria are not met.

Skin corrosion/irritation:

Based on available data, the classification criteria are not met.

Serious eye damage/irritation:

Causes serious eye irritation.

Respiratory or skin sensitisation:

May cause an allergic skin reaction.

Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

Carcinogenicity:

Based on available data, the classification criteria are not met.

Reproductive toxicity:

Based on available data, the classification criteria are not met.

STOT-single exposure:

Based on available data, the classification criteria are not met.

STOT-repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

Based on available data, the classification criteria are not met.

Additional information:

No data available

11.2. Information on other hazards

No data available

SECTION 12: Ecological information

12.1. Toxicity

dibenzoyl peroxide	CAS No.: 94-36-0	EC No.: 202-327-6
LC₅₀: 0.0602 mg/L (fish, <i>Oncorhynchus mykiss</i>)		
EC₅₀: 0.11 mg/L (crustaceans, <i>Daphnia magna</i>)		
ErC₅₀: 0.071 mg/L (Algae/water plant)		
EC₅₀: 0.11 mg/L		

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Ethylenglykol CAS No.: 107-21-1 EC No.: 203-473-3

LC₅₀: >72,860 mg/L (fish, Pimephales promelas)

EC₅₀: >100 mg/L (crustaceans, Daphnia magna)

EC₅₀: 6,500 - 13,000 mg/L 4 d (Algae/water plant)

EC₅₀: 100 mg/L

NOEC: \geq 1,000 mg/L 21 d (crustaceans, Americamysis bahia)

NOEC: 8,590 mg/L (crustaceans, Chronic Crustacea)

NOEC: 15,380 mg/L (fish)

Aquatic toxicity:

Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

Ethylenglykol CAS No.: 107-21-1 EC No.: 203-473-3

Biodegradation: Yes, rapidly

Remark: Readily biodegradable (according to OECD criteria).

12.3. Bioaccumulative potential

dibenzoyl peroxide CAS No.: 94-36-0 EC No.: 202-327-6

Log K_{OW}: 3.46

Ethylenglykol CAS No.: 107-21-1 EC No.: 203-473-3

Log K_{OW}: -1.36

Bioconcentration factor (BCF): 10

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

dibenzoyl peroxide CAS No.: 94-36-0 EC No.: 202-327-6

Results of PBT and vPvB assessment: —

Ethylenglykol CAS No.: 107-21-1 EC No.: 203-473-3

Results of PBT and vPvB assessment: —

12.6. Endocrine disrupting properties

No data available

12.7. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Consult the appropriate local waste disposal expert about waste disposal.

Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

SECTION 14: Transport information

Land transport (ADR/RID)

Inland waterway craft (ADN)

Sea transport (IMDG)

Air transport (ICAO-TI / IATA-DGR)

14.1. UN number or ID number

No dangerous good in sense of these transport regulations.

No dangerous good in sense of these transport regulations.

No dangerous good in sense of these transport regulations.

No dangerous good in sense of these transport regulations.

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Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.2. UN proper shipping name			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4. Packing group			
not relevant	not relevant	not relevant	not relevant
14.5. Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6. Special precautions for user			
not relevant	not relevant	not relevant	not relevant

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

15.1.1. EU legislation

Restrictions on use:

REACH Annex XVII (Restriction List): Does not contain any substance subject to the restrictions of Annex XVII of REACH.

REACH Annex XIV (Authorisation List): Does not contain any substance listed in REACH Annex XIV.

REACH Candidate List (SVHC): Does not contain a REACH candidate substance.

PIC Regulation (Prior Informed Consent): Does not contain any substances subject to Regulation (EU) 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of dangerous chemicals.

POPs Regulation (Persistent Organic Pollutants): Does not contain substances subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

Ozone Regulation (1005/2009): Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Regulation on explosives precursors (EU 2019/1148): Does not contain substances on the list of explosives precursors (Regulation EU 2019/1148 on the marketing and use of explosives precursors).

Drug Precursors Regulation (273/2004): Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)

15.1.2. National regulations

No data available

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

ACGIH	American Conference of Governmental Industrial Hygienists
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
DIN	German Institute for Standardization / German Industrial Standard

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DNEL	derived no-effect level
EC ₅₀	Effective Concentration 50%
EN	European Standard
ES	Exposure scenario
IMO	International Maritime Organization
LC ₅₀	Lethal (fatal) Concentration 50%
LD ₅₀	Lethal (fatal) Dose 50%
MAK	Maximum concentration in the workplace air (CH)
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health
NOEC	No Observed Effect Concentration
OECD	Organisation for Economic Cooperation and Development
OSHA	Occupational Safety & Health Administration
PBT	persistent and bioaccumulative and toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemicals
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
Serious eye damage/eye irritation (<i>Eye Irrit. 2</i>)	H319: Causes serious eye irritation.	
Respiratory or skin sensitisation (<i>Skin Sens. 1</i>)	H317: May cause an allergic skin reaction.	
Hazardous to the aquatic environment (<i>Aquatic Chronic 3</i>)	H412: Harmful to aquatic life with long lasting effects.	

16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H241	Heating may cause a fire or explosion.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

16.6. Training advice

No data available

16.7. Additional information

No data available