

Safety Data Sheet as per regulation (EC) 1907/2006

Commercial Product Name: DEC Express Cement Premium / DEC Repair Mortar



innovative solutions

Revision Date: 01.07.2020

Replaces version from: 11.09.2019

Version: 3.4/en

Print date: 01.07.2020

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

1.1 Product identifier

Commercial Product Name **DEC Express Cement Premium / DEC Repair Mortar**

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

Relevant identified uses joint repair filler

Recommended restrictions None under normal processing. Observe technical data sheet.

1.3 Details of the supplier of the safety data sheet

Company designation fischerwerke GmbH & Co. KG
Klaus-Fischer-Straße 1
D-72178 Waldachtal
Telephone: +49(0)7443 12-0
FAX: +49(0)7443 12-4222
Email: info-sdb@fischer.de
Internet: www.fischer.de

Marketer Great Britain: Mrs Mirka Valovicova, fischer Fixing (UK) Ltd
Hithercroft Road
Wallingford, Oxfordshire, OX10 9AT
Telephone: +44 01491 827 920
FAX: +44 01491 827 950
Internet: www.fischer.co.uk

1.4 Emergency telephone number

Emergency telephone number +49(0)6132-84463 (24h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 This product is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] The product does not have to be labelled according to Regulation (EC) No. 1272/2008 [CLP].

Further information EUH208: Contains 1,2-benzisothiazol-3(2H)-one; reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.
EUH210: Safety data sheet available on request.

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

Ingredient	CAS No.	Classification (EC) 1272/2008	Concentration
1,2-benzisothiazol-3(2H)-one	CAS No.: 2634-33-5 EC-No.: 220-120-9 Index-No.: 613-088-00-6 REACH No.: 01-2120761540-60-XXXX	Acute Tox. 4 ; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400	< 0.0015 - 0.01 % by weight
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	CAS No.: 55965-84-9 EC-No.: 911-418-6 Index-No.: 613-167-00-5 REACH No.: 01-2120764691-48-XXXX	Acute Tox. 2; H330 Acute Tox. 2; H310 Acute Tox. 3; H301 Skin Corr. 1C; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	< 0.0015 % by weight

Other data

The product contains no substances classified as hazardous to health in concentrations which should be taken into account according to EC directives.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice

If symptoms persist, call a physician.

Remove/Take off immediately all contaminated clothing.

If inhaled

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

In case of skin contact

IF ON SKIN: Gently wash with plenty of soap and water.

In case of eye contact

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

If swallowed

If swallowed, seek medical advice immediately and show this container or label.

Clean mouth with water and drink afterwards plenty of water. Drink 1 or 2 glasses of water.

Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

No data available

4.3 Indication of any immediate medical attention and special treatment needed

Immediate medical attention

No data available

Special medical treatment

No data available

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Carbon dioxide (CO₂)
Dry powder
Foam
Water spray jet

Extinguishing media which must not be used for safety reasons High volume water jet

5.2 Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases Heating or fire can release toxic gas.

5.3 Advice for firefighters

Special protective equipment for firefighting In the event of fire, wear self-contained breathing apparatus.
In the event of fire and/or explosion do not breathe fumes.

Additional information on firefighting Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Keep containers and surroundings cool with water spray. Container may rupture on heating.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas.
Keep people away from and upwind of spill/leak.

6.2 Environmental precautions

Environmental precautions The product should not be allowed to enter drains, water courses or the soil.
Prevent spreading over a wide area (e.g. by containment or oil barriers).

6.3 Methods and material for containment and cleaning up

Methods for cleaning up Use mechanical handling equipment.
Treat recovered material as described in the section "Disposal considerations".

6.4 Reference to other sections

Reference to other sections See chapter 8/13

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Skin and body protection	Wear suitable protective equipment.
Note	Choose body protection according to the amount and concentration of the dangerous substance at the work place.
General protective and hygiene measures	Smoking, eating and drinking should be prohibited in the application area. Avoid contact with skin, eyes and clothing. Take off all contaminated clothing immediately. Wash hands before breaks and at the end of workday. Keep away from food, drink and animal feedingstuffs. Use protective skin cream before handling the product.
Information on environmental protection regulations	No special environmental precautions required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	paste
Colour	various
Additional information on colour	Take care of instructions on label.
Odour	characteristic
Odour threshold	No data available
pH	not determined
Melting point [°C] / Freezing point [°C]	0
Boiling point [°C]	100
Flash point [°C]	No data available
Evaporation rate [kg/(s*m ²)]	No data available
Flammability (solid, gas)	No data available
Explosion limits [Vol-%]	
Lower limit	not determined
Upper limit	not determined
Explosion limits	No data available
Vapour pressure [kPa]	not determined
Vapour density	No data available
Density [g/cm ³]	1,66
Temperature	20 °C

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Relative density	No data available
Solubility	No data available
Water solubility [g/l]	Immiscible
Autoignition temperature [°C]	No data available
Autoinflammability	not auto-flammable
Decomposition temperature [°C]	No data available
Viscosity, kinematic [mm ² /s]	> 21
Explosive properties	Not explosive
Risk of explosion.	not explosive.
Oxidising properties	No data available

9.2 Other information

Ignition temperature [°C]	not determined
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SECTION 10: Stability and reactivity

10.1 Reactivity

Thermal decomposition	No decomposition if stored and applied as directed.
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10.2 Chemical stability

Chemical stability	Stable under recommended storage conditions.
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10.3 Possibility of hazardous reactions

Hazardous reactions	No dangerous reaction known under conditions of normal use.
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10.4 Conditions to avoid

Conditions to avoid	No decomposition if used as directed.
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10.5 Incompatible materials

Materials to avoid	None known.
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10.6 Hazardous decomposition products

Hazardous decomposition products	No decomposition if used as directed.
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Oral toxicity [mg/kg]

Hazardous ingredients

1,2-benzisothiazol-3(2H)-one

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Value	Test criterion	Test species	Source
670	LD50	Rat	Company data

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)			
Value	Test criterion	Remarks	Source
> 5000	LD50	estimated	Company data

Dermal toxicity [mg/kg]**Hazardous ingredients**

1,2-benzisothiazol-3(2H)-one			
Value	Test criterion	Test species	Source
> 2000	LD50	Rat	Company data

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)			
Value	Test criterion	Remarks	Source
> 5000	LD50	estimated	Company data

Inhalative toxicity [mg/l]**Hazardous ingredients**

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)			
Value	Test criterion	Exposure duration	Source
> 5	LC50	4 h	Company data

Irritant effect on skin	No skin irritation
Irritant effect on eyes	No eye irritation
Irritant effect on the respiratory tract	No data available
Sensitization	No known effect.
Carcinogenic effects	Not applicable.
Mutagenicity	Not applicable.
Reproduction toxicity	Not applicable.
Caustic effect	Not applicable.

Specific target organ toxicity (single exposure) [mg/kg]

Remarks Not applicable.

Specific target organ toxicity (repeated exposure) [mg/kg]

Remarks Not applicable.

11.2 Additional information

Other information (chapter 11.) There is no data available for this product.

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SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish [mg/l]

Hazardous ingredients

1,2-benzisothiazol-3(2H)-one				
Value	Test criterion	Test species	Exposure duration	Source
2,18	LC50	Oncorhynchus mykiss (Rainbow trout)	96 h	Company data

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)				
Value	Test criterion	Test species	Exposure duration	Source
0,22	EC50	Oncorhynchus mykiss (rainbow trout)	96 h	Company data

Toxicity to daphnia [mg/l]

Hazardous ingredients

1,2-benzisothiazol-3(2H)-one				
Value	Test criterion	Test species	Exposure duration	Source
2,94	EC50	Daphnia magna (Big water flea)	48 h	Company data

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)				
Value	Test criterion	Test species	Exposure duration	Source
0,12	EC50	Daphnia magna (Water flea)	48 h	Company data

Toxicity to algae [mg/l]

Hazardous ingredients

1,2-benzisothiazol-3(2H)-one				
Value	Test criterion	Test species	Exposure duration	Source
0,11	ErC50:	Pseudokirchneriella subcapitata	72 h	Company data

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)				
Value	Test criterion	Test species	Exposure duration	Source
0,048	EC50	Pseudokirchneriella subcapitata	72 h	Company data

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12.2 Persistence and degradability

Biodegradability

Remarks No data available

12.3 Bioaccumulative potential

Bioaccumulation no data available

Bioconcentration factor (BCF)

Hazardous ingredients

1,2-benzisothiazol-3(2H)-one	
Value	Source
6,95	Company data

12.4 Mobility in soil

Mobility

Mobility No data available

12.5 Results of PBT and vPvB assessment

Results of PBT characteristics determination This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

Results of PBT and vPvB assessment This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6 Other adverse effects

Further information on ecology No information on ecology is available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal considerations Disposal together with normal waste is not allowed. Special disposal required according to local regulations.
The product should not be allowed to enter drains, water courses or the soil.
Empty remaining contents.

Waste Code Product
200127 - paint, inks, adhesives and resins containing dangerous substances
080000 - WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
080400 - wastes from MFSU of adhesives and sealants (including water-proofing products)

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080409 - waste adhesives and sealants containing organic solvents or other dangerous substances cured material

200000 - MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS

Uncleaned empty packaging

Dispose of as unused product.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
14.1 UN-No	Not applicable.	Not applicable.	Not applicable.
14.2 Description of the goods	No dangerous good according to ADR	No dangerous good according to IMDG	No dangerous good according to IATA
14.3 Transport hazard class(es)	Not applicable.	Not applicable.	Not applicable.
14.4 Packaging group	Not applicable.	Not applicable.	Not applicable.
14.5 Environmental hazards	Not applicable.	Not applicable.	Not applicable.
14.2 UN proper shipping name		Non dangerous good	Non dangerous good

14.6 Special precautions for user

Precautions not required under normal use

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL and the IBC Code not applicable

14.8 Additional information

Other information (chapter 14.) Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

SECTION 15: Regulatory information

15.2 Chemical safety assessment

Safety assessment Not relevant. Chemical safety assessments for substances in this mixture were not carried out.

The product was treated with: null

Symptoms May produce an allergic reaction.

Remarks Further remarks: Safety Data Sheet

Additional regulations This Safety Data Sheet is prepared according to Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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This product is a "Treated article without primary biocidal function (Art. 58 in conjunction with Art. 3 (1) a)". This product protects itself by the added film protection active substance, which cannot show any outwardly directed effect by the resulting plastic film. Film protective agent: 1,2-benzisothiazol-3(2H)-one, mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]; and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

SECTION 16: Other information

Modifications since last version	Modifications of the previous version are denoted with an asterisk (*).
Relevant H-phrases	H301: Toxic if swallowed. H302: Harmful if swallowed. H310: Fatal in contact with skin. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H330: Fatal if inhaled. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects. EUH208: Contains 1,2-benzisothiazol-3(2H)-one; reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.
Wording of the hazard classes	Acute Tox.: Acute toxicity Skin Irrit.: Skin irritation Eye Dam.: Serious eye damage Skin Sens.: Skin sensitization Aquatic Acute: Hazardous to the aquatic environment Aquatic Chronic: Hazardous to the aquatic environment This product is classified as not hazardous according to regulation EC CLP
Recommended restrictions	None under normal processing. Observe technical data sheet.

Modifications of the previous version are denoted with an asterisk (*).

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.