SAFETY DATA SHEET
CONBEXTRA TA

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

1.1. Product identifier

Product name CONBEXTRA TA

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

Identified uses Fluid mortar without retraction of high initial strength.

1.3. Details of the supplier of the safety data sheet

Supplier

Fosroc Idea Yapi Kimyasallari San. Ve Tic. A.S.
Aydinevler mah. Sanayi cad. Demirtas Plaza No:13 Kat:3 34854
Maltepe ISTANBUL
TURKEY
+90 216 463 6776
enquiryturkey@fosroc.com

1.4. Emergency telephone number

Emergency telephone +90 262 728 15 05

National emergency telephone number 114

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335

Environmental hazards Aquatic Chronic 3 - H412

Human health See Section 11 for additional information on health hazards.

Environmental The product is not expected to be hazardous to the environment.

2.2. Label elements

Hazard pictograms

Signal word Danger

Hazard statements

H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements	P261 Avoid breathing dust. P264 Wash contaminated skin thoroughly after handling. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P405 Store locked up. P501 Dispose of contents/ container in accordance with national regulations.
Contains	WHITE PORTLAND CEMENT, SILICA SAND , CALCIUM ALUMINATE SULPHATE
Supplementary precautionary statements	P271 Use only outdoors or in a well-ventilated area. P302+P352 IF ON SKIN: Wash with plenty of water. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/ doctor. P312 Call a POISON CENTRE/doctor if you feel unwell. P321 Specific treatment (see medical advice on this label). P332+P313 If skin irritation occurs: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

WHITE PORTLAND CEMENT **30-60%**

CAS number: 65997-15-1 EC number: 266-043-4

Classification
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
STOT SE 3 - H335

SILICA SAND **10-30%**

CAS number: 14808-60-7

Classification
Eye Irrit. 2 - H319
STOT SE 3 - H335

CALCIUM ALUMINATE SULPHATE **1-5%**

CAS number: 12005-25-3 EC number: 818-462-4

Classification
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
STOT SE 3 - H335

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DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; KEROSINE - UNSPECIFIED **<1%**

CAS number: 64742-47-8 EC number: 265-149-8

Classification
Asp. Tox. 1 - H304

Iron (II) sulfate heptahydrate **<1%**

CAS number: 7782-63-0 EC number: 231-753-5

Classification
Acute Tox. 4 - H302
Skin Irrit. 2 - H315
Eye Irrit. 2 - H319

2,2'-OXYBISETHANOL **<1%**

CAS number: 111-46-6 EC number: 203-872-2

Classification
Acute Tox. 4 - H302

BASIC COPPER CARBONATE **<1%**

CAS number: 12069-69-1 EC number: 235-113-6

Classification
Acute Tox. 4 - H302
Skin Irrit. 2 - H315
Eye Irrit. 2 - H319
STOT SE 3 - H335

Classification (67/548/EEC or 1999/45/EC)
-

DIURON (ISO) **<1%**

CAS number: 330-54-1 EC number: 206-354-4

M factor (Chronic) = 10

Classification
Acute Tox. 4 - H302
Carc. 2 - H351
STOT RE 2 - H373
Aquatic Chronic 1 - H410

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HYDRAZINIUM SULPHATE	<1%
CAS number: 10034-93-2	EC number: 233-110-4
M factor (Acute) = 1	M factor (Chronic) = 1

Classification
Acute Tox. 3 - H301
Acute Tox. 3 - H311
Acute Tox. 3 - H331
Skin Sens. 1 - H317
Carc. 1B - H350
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

CARBENDAZIM (ISO)	<1%
CAS number: 10605-21-7	EC number: 234-232-0
M factor (Acute) = 1	M factor (Chronic) = 1

Classification
Muta. 1B - H340
Repr. 1B - H360FD
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

2-OCTYL-2H-ISOTHIAZOL-3-ONE	<1%
CAS number: 26530-20-1	EC number: 247-761-7
M factor (Acute) = 10	M factor (Chronic) = 10
No. REACH: Exempt of registration	

Classification
Acute Tox. 4 - H302
Acute Tox. 3 - H311
Acute Tox. 3 - H331
Skin Corr. 1B - H314
Eye Dam. 1 - H318
Skin Sens. 1 - H317
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

Inhalation Keep affected person under observation. Get medical attention if any discomfort continues.

Ingestion Rinse mouth thoroughly with water. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Keep affected person under observation. Get medical attention if any discomfort continues.

Skin contact	Remove affected person from source of contamination.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	May cause respiratory irritation.
Ingestion	May cause irritation of mouth, throat and digestive tract.
Skin contact	Causes skin irritation.
Eye contact	Causes serious eye damage.

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

Notes for the doctor	Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards	Water used for fire extinguishing, which has been in contact with the product, may be corrosive.
Hazardous combustion products	No known hazardous decomposition products.

5.3. Advice for firefighters

Protective actions during firefighting	No specific firefighting precautions known.
Special protective equipment for firefighters	Use protective equipment appropriate for surrounding materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions	Avoid the spillage or runoff entering drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Remove spillage with vacuum cleaner or collect with a shovel and broom, or similar. Collect and place in suitable waste disposal containers and seal securely.

6.4. Reference to other sections

Reference to other sections	Collect and dispose of spillage as indicated in Section 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Good personal hygiene procedures should be implemented. Avoid inhalation of dust and contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from moisture.

Storage class Chemical storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

WHITE PORTLAND CEMENT

Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ respirable dust
Long-term exposure limit (8-hour TWA): 10 mg/m³ inhalable fraction

SILICA SAND

Long-term exposure limit (8-hour TWA): WEL 0,1 mg/m³

CALCIUM ALUMINATE SULPHATE

Long-term exposure limit (8-hour TWA): ACGIH/TLV:0.1 mg/m3 res
TLV - Threshold Limit Value 10 mg/m³

2,2'-OXYBISETHANOL

Long-term exposure limit (8-hour TWA): WEL 23 ppm 101 mg/m³
Short-term exposure limit (15-minute): WEL

DIURON (ISO)

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³
WEL = Workplace Exposure Limit

BASIC COPPER CARBONATE (CAS: 12069-69-1)

PNEC
- Fresh water; 7.8 µg/l
- marine water; 5.2 µg/l
- STP; 230 µg/l

DIURON (ISO) (CAS: 330-54-1)

DNEL Workers - Dermal; Long term systemic effects: 5.79 mg/kg bw/day

8.2. Exposure controls

Protective equipment

Appropriate engineering controls Ensure control measures are regularly inspected and maintained.

Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Wear tight-fitting, chemical splash goggles or face shield.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Polyvinyl chloride (PVC). Nitrile rubber.
Other skin and body protection	Avoid contact with skin. Wear apron or protective clothing in case of contact.
Hygiene measures	When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes wet or contaminated.
Respiratory protection	Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Check that the respirator fits tightly and the filter is changed regularly. Wear a respirator fitted with the following cartridge: Particulate filter, type P2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Powder.
Colour	Grey.
Odour	Odourless.
Odour threshold	Not determined.
pH	> 12
Melting point	~ 1250°C
Initial boiling point and range	Not determined.
Flash point	Not determined.
Evaporation rate	Not determined.
Evaporation factor	Not determined.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Other flammability	Not applicable.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	2,32 @ 20°C
Bulk density	Not applicable.
Solubility(ies)	Slightly soluble in water.
Partition coefficient	Not applicable.
Auto-ignition temperature	Not applicable.
Explosive properties	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

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Other information	Not available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	When mixed with water, hardens to form a stable mass that is not reactive in normal conditions.

10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Water-reactive materials.

10.4. Conditions to avoid

Conditions to avoid	The product will harden into a solid mass in contact with water and moisture.

10.5. Incompatible materials

Materials to avoid	Strong oxidising agents. Strong alkalis.

10.6. Hazardous decomposition products

Hazardous decomposition products	No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

General information	Extensive use of the product in areas with inadequate ventilation may result in the accumulation of hazardous vapour concentrations.
Inhalation	May cause respiratory irritation.
Ingestion	May cause irritation of mouth, throat and digestive tract.
Skin contact	Causes skin irritation.
Eye contact	Causes serious eye damage.
Acute and chronic health hazards	Contact with concentrated chemical may very rapidly cause severe eye damage, possibly loss of sight.
Route of exposure	Inhalation Ingestion Skin and/or eye contact
Target organs	Eyes Skin Respiratory tract

Toxicological information on ingredients.

SILICA SAND

General information	May cause respiratory allergy.
Inhalation	Coughing.
Ingestion	May cause discomfort.
Skin contact	May cause discomfort.
Eye contact	Causes eye irritation.

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CALCIUM ALUMINATE SULPHATE

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	20,000.0
Species	Rat
ATE oral (mg/kg)	20,000.0

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg)	25,000.0
Species	Rat
ATE dermal (mg/kg)	25,000.0

Iron (II) sulfate heptahydrate

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	1,520.0
Species	Mouse
ATE oral (mg/kg)	1,520.0

BASIC COPPER CARBONATE

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	1,350.0
Species	Rat
ATE oral (mg/kg)	1,350.0

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg)	2,000.0
Species	Rat

HYDRAZINIUM SULPHATE

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	601.0
Species	Rat

Acute toxicity - inhalation

ATE inhalation (dusts/mists mg/l)	0.5

CARBENDAZIM (ISO)

Acute toxicity - oral

Notes (oral LD_{50})	LD_{50} 15000 mg/kg, Oral, Rat
Acute toxicity - dermal	
Notes (dermal LD_{50})	LD_{50} >2000 mg/kg, Dermal, Rat, Rabbit
Acute toxicity - inhalation	
Notes (inhalation LC_{50})	LC50 4 h 5.8 mg/l, Inhalation, Rat

2-OCTYL-2H-ISOTHIAZOL-3-ONE

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	356.0
Species	Rat
ATE oral (mg/kg)	500.0
Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	311.0
Species	Guinea pig
ATE dermal (mg/kg)	300.0

SECTION 12: Ecological information

Ecotoxicity The product components are not classified as environmentally hazardous.

Ecological information on ingredients.

CALCIUM ALUMINATE SULPHATE

Ecotoxicity Not determined.

12.1. Toxicity

Toxicity Not considered toxic to fish.

Ecological information on ingredients.

SILICA SAND

Toxicity No data available.

HYDRAZINIUM SULPHATE

Acute aquatic toxicity	
LE(C)$_{50}$	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
Chronic aquatic toxicity	
M factor (Chronic)	1

CARBENDAZIM (ISO)

Acute aquatic toxicity	
LE(C)$_{50}$	0.1 < L(E)C50 ≤ 1

M factor (Acute)	1
Acute toxicity - fish	LC_{80}, 96 hours: 0.83 mg/l, Oncorhynchus mykiss (Rainbow trout)
Acute toxicity - aquatic invertebrates	EC_{80}, 48 hours: 0.22 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC_{80}, 72 hours: 419 mg/l, Scenedesmus subspicatus
Chronic aquatic toxicity	
M factor (Chronic)	1

2-OCTYL-2H-ISOTHIAZOL-3-ONE

Acute aquatic toxicity	
LE(C)$_{50}$	0.01 < L(E)C50 ≤ 0.1
M factor (Acute)	10
Chronic aquatic toxicity	
M factor (Chronic)	10

12.2. Persistence and degradability

Persistence and degradability The product is not biodegradable.

Ecological information on ingredients.

SILICA SAND

Persistence and degradability	Expected to be biodegradable.

CARBENDAZIM (ISO)

Biodegradation	Not readily biodegradable.

12.3. Bioaccumulative potential

Partition coefficient Not applicable.

Ecological information on ingredients.

SILICA SAND

Bioaccumulative potential	No data available on bioaccumulation.

CARBENDAZIM (ISO)

Bioaccumulative potential	log Kow: < 3,

12.4. Mobility in soil

Mobility The product reacts with water to form a solid, insoluble reaction product which is not biodegradable.

Ecological information on ingredients.

SILICA SAND

Mobility	Insoluble in water.

CONBEXTRA TA

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

Ecological information on ingredients.

SILICA SAND

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

CARBENDAZIM (ISO)

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects None known.

Ecological information on ingredients.

SILICA SAND

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

National regulations Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet DNEL: Derived No Effect Level.
PNEC: Predicted No Effect Concentration.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.

General information Only trained personnel should use this material.

Revision comments This is the first issue.

Revision date 20/03/2020

Revision 1

SDS number 28520

CONBEXTRA TA

Hazard statements in full

H301 Toxic if swallowed.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H311 Toxic 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.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H335 May cause respiratory irritation.
H340 May cause genetic defects.
H350 May cause cancer.
H351 Suspected of causing cancer.
H360FD May damage fertility. May damage the unborn child.
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.
H412 Harmful to aquatic life with long lasting effects.