

SAFETY DATA SHEET

ECOREND QS1 QUICKSET MONOCOUCHE ACCELERATOR

Page: 1

Compilation date: 25/11/2019

Revision No: 1

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

1.1. Product identifier

Product name: ECOREND QS1 QUICKSET MONOCOUCHE ACCELERATOR

Product code: ER 028

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

Use of substance / mixture: Chemical for use in construction.

1.3. Details of the supplier of the safety data sheet

Company name: Wetherby Group

Dalton Industrial Estate

Dalton

North Yorkshire

YO7 3HE

United Kingdom

Tel: 01845 578555

Fax: 01845 578777

Email: technical@wetherbygroup.com

1.4. Emergency telephone number

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319

Most important adverse effects: Causes serious eye irritation.

2.2. Label elements

Label elements:

Hazard statements: H319: Causes serious eye irritation.

Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning

Precautionary statements: P264: Wash hands, forearms and face thoroughly after handling.

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.

P337+P313: If eye irritation persists: Get medical advice/attention.

[cont...]

SAFETY DATA SHEET

ECOREND QS1 QUICKSET MONOCOUCHE ACCELERATOR

Page: 2

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

CALCIUM CHLORIDE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
233-140-8	10043-52-4	-	Eye Irrit. 2: H319	50-70%

Contains: Purity >98%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

Eye contact: Bathe the eye with running water for 15 minutes. Rinse opened eye for several minutes under running water. Then consult a doctor.

Ingestion: Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting. Get medical attention if any discomfort continues.

Inhalation: Not applicable.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

[cont...]

SAFETY DATA SHEET

ECOREND QS1 QUICKSET MONOCOUCHE ACCELERATOR

Page: 3

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

ECOREND QS1 QUICKSET MONOCOUCHE ACCELERATOR

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (short term)	337mg/m ³	Workers	Systemic

[cont...]

SAFETY DATA SHEET

ECOREND QS1 QUICKSET MONOCOUCHE ACCELERATOR

Page: 4

DNEL	Dermal (short term)	4780mg/kg/day	Workers	Systemic
DNEL	Dermal (short term)	16.7mg/cm ²	Workers	Local
DNEL	Inhalation (short term)	83.2mg/m ³	General Population	Systemic
DNEL	Dermal (short term)	2390mg/kg/day	General Population	Systemic
DNEL	Dermal (long term)	8.3mg/cm ²	General Population	Local
DNEL	Oral (long term)	23.9mg/kg/day	General Population	Systemic
PNEC	Fresh water	2mg/L	-	-
PNEC	Marine water	0.2mg/L	-	-
PNEC	Fresh water sediments (dry basis)	13.4mg/kg	-	-
PNEC	Marine water sediments (dry basis)	1.34mg/kg	-	-
PNEC	STP	2.21mg/L	-	-
PNEC	Soil	1.5mg/kg	-	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Environmental: No data available.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: White

Odour: Odourless

Evaporation rate: Not applicable.

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Highly soluble

Also soluble in: No data available.

Viscosity test method: Not applicable.

Boiling point/range°C: 100

Flammability limits %: lower: Not applicable.

Flash point°C: Not applicable.

Autoflammability°C: Not applicable.

Relative density: 1.360

VOC g/l: 0

Melting point/range°C: -40 to -20

upper: Not applicable.

Part.coeff. n-octanol/water: No data available.

Vapour pressure: Negligible

pH: Approx. 7

9.2. Other information

Other information: No data available.

[cont...]

SAFETY DATA SHEET

ECOREND QS1 QUICKSET MONOCOUCHE ACCELERATOR

Page: 5

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
DERMAL	RAT	LD50	>2000	mg/kg
DUST/MIST	RAT	4H LC50	>0.67	mg/l
ORAL	RAT	LD50	>2000	mg/kg

Hazardous ingredients:

CALCIUM CHLORIDE

IPR	RAT	LD50	264	mg/kg
ORL	MUS	LD50	1940	mg/kg
ORL	RAT	LD50	1	gm/kg
SCU	RAT	LD50	2630	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

[cont...]

SAFETY DATA SHEET

ECOREND QS1 QUICKSET MONOCOUCHE ACCELERATOR

Page: 6

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Other information: No data available.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
Daphnia magna	48H EC50	>1000	mg/l
GREEN ALGA (Selenastrum capricornutum)	72H EC50	500	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	>1000	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: No information available.

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

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

[cont...]

SAFETY DATA SHEET

ECOREND QS1 QUICKSET MONOCOUCHE ACCELERATOR

Page: 7

14.1. UN number

UN number: n/a

14.2. UN proper shipping name

(CALCIUM FORMATE)

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk: Not applicable.

Section 15: Regulatory information

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

Specific regulations: EU legislation : 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). 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). Guidance : Workplace Exposure Limits EH40.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H319: Causes serious eye irritation.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.