

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

1.1. PRODUCT IDENTIFIER

Product name: ECOREND FX4 ONE-COAT BASE
Product code: ER 005

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Use of substance / mixture: Material used in the construction industry.

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: STOT SE 3: H335; Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1A: H317
Most important adverse effects: Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation.

2.2. LABEL ELEMENTS

Label elements:
Hazard statements:

H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H335: May cause respiratory irritation.

Hazard pictograms:

GHS05: Corrosion
GHS07: Exclamation mark



Signal words: Danger

Precautionary statements:

P280: Wear protective gloves/protective clothing/eye protection/face protection.
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.
P362+P364: Take off contaminated clothing and wash it before reuse

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:
PORTLAND CEMENT

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|-----------|------------|-----------|-----------------------------------------------------------------------------|---------|
| 266-043-4 | 65997-15-1 | - | Skin Irrit. 2: H315; Skin Sens. 1A: H317; Eye Dam. 1: H318; STOT SE 3: H335 | 10-30% |

HYDRATED LIME - REACH registered number(s): 01-2119475151-45-0135

| | | | | |
|-----------|-----------|---|--------------------------------------------------------|-------|
| 215-137-3 | 1305-62-0 | - | STOT SE 3: H335; Skin Irrit. 2: H315; Eye Dam. 1: H318 | 1-10% |
|-----------|-----------|---|--------------------------------------------------------|-------|

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. Do not rub eyes, as additional cornea damage is possible by mechanical stress. Contact a specialist of occupational medicine or an eye specialist.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Get medical attention if any discomfort continues.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If symptoms persist, consult a physician.

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: Eye bathing equipment should be available on the premises.

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.

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. Do not create dust.

6.2. ENVIRONMENTAL PRECAUTIONS

Environmental precautions: Do not discharge into drains or rivers.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Clean-up procedures: 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 dust 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.

7.3. SPECIFIC END USE(S)

Specific end use(s): No data available.

SECTION 8: Exposure controls/personal protection

8.1. CONTROL PARAMETERS

Hazardous ingredients: PORTLAND CEMENT

Workplace exposure limits:

Respirable dust

| State | 8 hour TWA | 15 min. STEL | 8 hour TWA | 15 min. STEL |
|-------|------------|--------------|--------------------|--------------|
| EU | - | - | 4mg/m ³ | - |

HYDRATED LIME

| | | | | |
|----|--------------------|--------------------|---|---|
| EU | 1mg/m ³ | 4mg/m ³ | - | - |
|----|--------------------|--------------------|---|---|

DNEL/PNEC VALUES

Hazardous ingredients: HYDRATED LIME

| Type | Exposure | Value | Population | Effect |
|------|---------------------|----------|------------|--------|
| PNEC | Fresh water | 490µg/L | - | - |
| PNEC | Soil (agricultural) | 1080mg/L | - | - |

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. Respiratory protective device with particle filter.

Hand protection: Protective gloves.

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

Skin protection: Protective clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

State: Powder

Colour: Grey

Odour: Odourless

Evaporation rate: Not applicable.

Oxidising: Not applicable.

Solubility in water: Slightly soluble

Boiling point/range°C: Not applicable.

Melting point/range°C: Not applicable.

Flammability limits %:

lower: Not applicable.

upper: Not applicable.

Flash point°C: Not applicable.

Part.coeff. n-octanol/water: Not applicable.

Autoflammability°C: Not applicable.

Vapour pressure: Not applicable.

Relative density: No data available.

pH: Not applicable.

VOC g/l: 0

9.2. OTHER INFORMATION

Other Information: No data available

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

Hazardous ingredients: HYDRATED LIME

| | | | | |
|--------|-----|------|-------|-------|
| DERMAL | RBT | LD50 | >2500 | mg/kg |
| ORAL | RAT | LD50 | >2000 | mg/kg |

Relevant hazards for substance:

| Hazard | Route | Basis |
|--------------------------------|-------|-----------------------|
| Skin corrosion/irritation | DRM | Hazardous: calculated |
| Serious eye damage/irritation | OPT | Hazardous: calculated |
| STOT-single exposure | INH | Hazardous: calculated |
| Respiratory/skin sensitisation | - | 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.

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.

SECTION 12: Ecological information

12.1. TOXICITY

Hazardous ingredients: HYDRATED LIME

| | | | |
|----------------------------|-----------|--------|-------|
| FRESHWATER ALGAE | 48H EC50 | 184.57 | mg/l |
| FRESHWATER ALGAE | 72H NOEC | 48 | mg/l |
| Freshwater fish | 96H LC50 | 50.6 | mg/l |
| Freshwater invertebrates | 48H EC50 | 49.1 | mg/l |
| Marine water fish | 96H LC50 | 457 | mg/l |
| Marine water invertebrates | 14d NOEC | 32 | mg/l |
| Marinewater invertebrates | 96H LC50 | 158 | mg/l |
| Soil macroorganisms | EC10/LC10 | 2000 | mg/kg |
| Soil microorganisms | EC10/LC10 | 12000 | mg/kg |
| Terrestrial plants | 21d NOEC | 1080 | mg/kg |

12.2. PERSISTENCE AND DEGRADABILITY

Persistence and degradability: Biodegradable.

12.3. BIOACCUMULATIVE POTENTIAL

Bioaccumulative potential: No bioaccumulation potential.

12.4. MOBILITY IN 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.

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

SECTION 14: Transport information

14.1. UN NUMBER

UN number: n/a

14.2. UN PROPER SHIPPING NAME

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.

SECTION 15: Regulatory information

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/ LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Specific regulations: Not applicable.

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:

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:

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H335: May cause respiratory 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.