

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

**1.1. Product identifier**

**Product name:** CREOKOTE

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

**1.3. Details of the supplier of the safety data sheet**

**Company name:** ARC BUILDING PRODUCTS

IDA Business & Technology Park  
Ballynattin  
Arklow  
Co. Wicklow  
Ireland

**Tel:** 00353 402 32370

**Fax:** 00353 402 24168

**Email:** sales@arcbuildingproducts.ie

**1.4. Emergency telephone number**

**Emergency tel:** 00353 402 32370

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** Carc. 2: H351; Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Skin Irrit. 2: H315; Acute Tox. 4: H332; STOT RE 2: H373

**Classification under CHIP:** Xn: R20; Xi: R38; Xn: R40; N: R51/53; Xn: R65

**Most important adverse effects:** May be fatal if swallowed and enters airways. Causes skin irritation. Suspected of causing cancer. Toxic to aquatic life with long lasting effects. Harmful if inhaled. May cause damage to organs through prolonged or repeated exposure.

**2.2. Label elements**

**Label elements under CLP:**

**Hazard statements:** H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H351: Suspected of causing cancer.

H411: Toxic to aquatic life with long lasting effects.

H332: Harmful if inhaled.

H373: May cause damage to organs through prolonged or repeated exposure.

**Signal words:** Danger

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**Hazard pictograms:** GHS07: Exclamation mark

GHS08: Health hazard

GHS09: Environmental



**Precautionary statements:** P102: Keep out of reach of children.

P501: Dispose of contents to hazardous waste.

P202: Do not handle until all safety precautions have been read and understood.

P405: Store locked up.

P271: Use only outdoors or in a well-ventilated area.

P403+233: Store in a well-ventilated place. Keep container tightly closed.

P260: Do not breathe vapours.

P273: Avoid release to the environment.

P391: Collect spillage.

P264: Wash hands thoroughly after handling.

P321: Specific treatment (see information on this label).

P362: Take off contaminated clothing and wash before reuse.

P281: Use personal protective equipment as required.

P332+313: If skin irritation occurs: Get medical advice/attention.

P302+352: IF ON SKIN: Wash with plenty of soap and water.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P308+313: IF exposed or concerned: Get medical advice/attention.

P331: Do NOT induce vomiting.

## 2.3. Other hazards

**PBT:** This product is not identified as a PBT substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

FUEL, DIESEL

EINECS	CAS	CHIP Classification	CLP Classification	Percent
-	68334-30-5	-	Aquatic Chronic 2: H411; Acute Tox. 4: H332; Carc. 2: H351; Skin Irrit. 2: H315; Asp. Tox. 1: H304	30-50%

## Section 4: First aid measures

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## 4.1. Description of first aid measures

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.
- Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.
- Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

## 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 irritation and redness. The eyes may water profusely.
- Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur. Headache, dizziness, nausea

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

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Alcohol or polymer foam. Water fog. Dry chemical powder. Carbon dioxide. 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:** Refer to section 8 of SDS for personal protection details. If outside keep bystanders upwind and away from danger point. 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.

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## 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

## 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.  
Do not handle in a confined space. Avoid the formation or spread of mists in the air.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

### 7.3. Specific end use(s)

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Workplace exposure limits:

#### Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	5mg/m3 (oil mist)	10mg/m3 (oil mist)	-	-

### 8.1. DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

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

**Hand protection:** Impermeable gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Impermeable protective clothing.

**Environmental:** Keep container tightly sealed when not in use. Residues and empty containers should be taken care of as hazardous waste according to local and national provision.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Liquid

**Colour:** Various

**Odour:** Characteristic odour

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**Evaporation rate:** Moderate

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Insoluble

**Also soluble in:** Most organic solvents.

**Viscosity:** Non-viscous

**Kinematic viscosity:** 2-28mm<sup>2</sup>/s

**Viscosity test method:** Kinematic viscosity in 10-6 m<sup>2</sup>/s at 40°C (ISO 3219)

**Boiling point/range°C:** 150-350

**Flammability limits %: lower:** 0.5

**upper:** 6.5

**Flash point°C:** >90

**Autoflammability°C:** >250

**Vapour pressure:** 0.04kPa 20°C

**Relative density:** 0.8-1.0g/cm<sup>3</sup>

**VOC g/l:** max 400g/l

## 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

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents.

### 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
ORAL	RAT	LD50	>5000	mg/kg
DERMAL	RBT	LD50	>2000	mg/kg
VAPOURS	RAT	4H LC50	5.26	mg/l

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## Relevant effects for mixture:

Effect	Route	Basis
Acute toxicity (harmful)	INH	Hazardous: calculated
Irritation	DRM	Hazardous: calculated

## Symptoms / routes of exposure

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

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

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

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur. Headache, dizziness, nausea

## Section 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicity values:

Species	Test	Value	Units
FISH	96H LC50	21	mg/l
DAPHNIA	48H EC50	46	mg/l
ALGAE	72H IC50	10	mg/l

### 12.2. Persistence and degradability

**Persistence and degradability:** The product is not expected to be biodegradable

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** 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 substance.

### 12.6. Other adverse effects

**Other adverse effects:** Toxic to aquatic organisms. Toxic to soil organisms.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

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

**Waste code number:** 03 02 05

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

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## Section 14: Transport information

### 14.1. UN number

UN number: UN3082

### 14.2. UN proper shipping name

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(FUEL, DIESEL)

### 14.3. Transport hazard class(es)

Transport class: 9

### 14.4. Packing group

Packing group: III

### 14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

### 14.6. Special precautions for user

Tunnel code: (E)

## Section 15: Regulatory information

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

### 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: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

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

Phrases used in s.2 and 3: H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H332: Harmful if inhaled.

H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H411: Toxic to aquatic life with long lasting effects.

R20: Harmful by inhalation.

[cont...]

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R38: Irritating to skin.

R40: Limited evidence of a carcinogenic effect.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

**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.