



**SAFETY DATA SHEET  
ARDEX K 55 FAST**

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

**1.1. Product identifier**

Product name ARDEX K 55 FAST

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

Identified uses Floor levelling.

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

Supplier Ardex UK Limited  
Homefield Road  
Haverhill  
Suffolk  
CB9 8QP  
01440 714939

Contact person safetydatasheets@ardex.co.uk

**1.4. Emergency telephone number**

Emergency telephone +44 (0) 870 190 6777 (24 hours)

**SECTION 2: Hazards identification**

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

**Classification (SI 2019 No. 720)**

Physical hazards Not Classified  
Health hazards Not Classified  
Environmental hazards Not Classified

**Environmental** The product will harden into a solid mass in contact with water and moisture. The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

**2.2. Label elements**

**Hazard statements** NC Not Classified

**Precautionary statements** P102 Keep out of reach of children.  
P260 Do not breathe dust.  
P402 Store in a dry place.  
P501 Dispose of contents/ container in accordance with local regulations.

**2.3. Other hazards**

**SECTION 3: Composition/information on ingredients**

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information** Consult a physician for specific advice.

**Inhalation** Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

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<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention immediately.
<b>Skin contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Remove affected person from source of contamination. Do not rub eye. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

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

<b>Inhalation</b>	Dust may irritate the respiratory system.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	May cause skin irritation/eczema.
<b>Eye contact</b>	May cause temporary eye irritation.

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

<b>Notes for the doctor</b>	No specific recommendations. If in doubt, get medical attention promptly.
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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

<b>Suitable extinguishing media</b>	Use carbon dioxide or dry powder to extinguish.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

### **5.2. Special hazards arising from the substance or mixture**

<b>Specific hazards</b>	Not available
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).

### **5.3. Advice for firefighters**

<b>Protective actions during firefighting</b>	No specific firefighting precautions known.
<b>Special protective equipment for firefighters</b>	Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions</b>	Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Treat the spilled material according to the instructions in the clean-up section. Follow precautions for safe handling described in this safety data sheet.
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### **6.2. Environmental precautions**

<b>Environmental precautions</b>	Do not discharge into drains or watercourses or onto the ground.
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### **6.3. Methods and material for containment and cleaning up**

<b>Methods for cleaning up</b>	Collect spillage with granulates, sawdust, rags or other absorbent. Do not discharge into drains or watercourses or onto the ground.
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### **6.4. Reference to other sections**

<b>Reference to other sections</b>	For personal protection, see Section 8. For waste disposal, see Section 13.
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## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

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**Usage precautions** Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product.

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

**Storage precautions** Store in tightly-closed, original container. Keep containers upright. Protect from freezing and direct sunlight.

## 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

#### LITHIUM CARBONATE (CAS: 554-13-2)

<b>DNEL</b>	- Inhalation; Long term systemic effects: 10 mg/m <sup>3</sup> - Dermal; Long term systemic effects: 64 mg/kg/day
<b>PNEC</b>	- Fresh water; Intermittent release 0.9 mg/l

### 8.2. Exposure controls

#### **Protective equipment**



#### **Appropriate engineering controls**

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

#### **Eye/face protection**

Wear chemical splash goggles. Personal protective equipment that provides appropriate eye and face protection should be worn.

#### **Hand protection**

Gloves made from the following material may provide suitable chemical protection: Nitrile rubber. The selected gloves should have a breakthrough time of at least >8 hours. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

#### **Other skin and body protection**

Wear appropriate clothing to prevent any possibility of skin contact.

#### **Hygiene measures**

Provide eyewash station. Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Do not eat, drink or smoke when using this product.

#### **Respiratory protection**

If ventilation is inadequate, suitable respiratory protection must be worn. Use respiratory equipment with particle filter type P2

#### **Thermal hazards**

Not applicable.

#### **Environmental exposure controls**

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Powder.
<b>Colour</b>	Beige.
<b>Odour</b>	No characteristic odour.

### 9.2. Other information

## SECTION 10: Stability and reactivity

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## 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

## 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** Under normal conditions of storage and use, no hazardous reactions will occur.

## 10.4. Conditions to avoid

**Conditions to avoid** Avoid handling which leads to dust formation.

## 10.5. Incompatible materials

**Materials to avoid** None known.

## 10.6. Hazardous decomposition products

**Hazardous decomposition products** During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** No information available.

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** No specific test data are available.

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** No specific test data are available.

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** No specific test data are available.

#### Skin corrosion/irritation

**Summary** Based on available data, the classification criteria are not met.

#### Carcinogenicity

**Summary** Based on available data, the classification criteria are not met.

#### Reproductive toxicity

**Summary** Based on available data, the classification criteria are not met.

#### Specific target organ toxicity - single exposure

**Summary** Based on available data, the classification criteria are not met.

#### Specific target organ toxicity - repeated exposure

**Summary** Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

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## 13.1. Waste treatment methods

<b>General information</b>	Waste packaging should be collected for reuse or recycling.
<b>Disposal methods</b>	Dispose of waste product or used containers in accordance with local regulations Do not allow runoff to sewer, waterway or ground.

## SECTION 14: Transport information

<b>General</b>	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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### 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** Not applicable.

**Annex II of MARPOL 73/78  
and the IBC Code**

## SECTION 15: Regulatory information

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

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

<b>Issued by</b>	Research and Development Chemist.
<b>SDS number</b>	20680