



## SAFETY DATA SHEET

### K-SEAL ACID PAVING CLEANER

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Issued : 21-04-10

Revision No: 0

#### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

**Product name:** K-SEAL ACID PAVING CLEANER  
**Product code:** KF  
**Company name:** Kingfisher Building Products Ltd  
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**Telephone** 01229 869100  
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#### 2. HAZARDS IDENTIFICATION

**Fire:** N/A **Environment:** Possible marine pollutant.  
**HEALTH:**  
**Inhalation:** Irritating to the mouth and upper digestive tract.  
**Skin Contact:** Will cause skin irritation, especially if exposure is prolonged and/or repeated.  
**Eye Contact:** Will cause significant eye irritation  
**Ingestion:** Will cause severe irritation and corrosion to the mouth, throat and digestive tracts.

#### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients:	<u>Chemical Name</u>	<u>CAS No</u>	<u>%</u>	<u>Classification</u>	<u>Risk Nos.</u>
	Hydrochloric Acid	7647-01-0	<10%	C,Xn,N.	R36/38,37

#### 4. FIRST AID MEASURES

**Skin contact:** Wash affected area immediately with plenty of soap and water. If skin appears damaged seek medical attention.  
**Eye contact:** Irrigate immediately with clean water for 15 minutes and obtain medical advice.  
**Ingestion:** Rinse mouth and throat immediately with water. DO NOT INDUCE VOMITING. Dilute stomach contents with water or milk. Seek medical advice immediately showing product information or label.  
**Inhalation:** Remove person to fresh air. If discomfort persists, seek medical advice

#### 5. FIRE – FIGHTING MEASURES

**Extinguishing media:** All standard fire fighting media.  
**Exposure hazards:** N/A  
**Protection of fire-fighters:** Fire-fighters should wear suitable protective clothing.

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### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Wear glove, goggles, boots and protective overalls
<b>Environmental precautions:</b>	Stem flow of spilled material and mop up immediately with an inert absorbent material such as sand, sawdust, earth etc. Prevent spills from entering drains, sewers or water courses.
<b>Clean up methods:</b>	Small spillages-dilute carefully with water. Large spillages-contain with sand or earth and dilute to reduce fumes, neutralize with lime or cement. Collect in a suitable container and dispose of at an appropriate licensed waste disposal site in accordance with current legislation and regulations.

### 7. HANDLING AND STORAGE

<b>Handling requirements:</b>	Wear impervious gloves, boots and eye protection.
<b>Storage conditions:</b>	Store away from reactive materials. Store in a cool, dry well ventilated area. Store in original container at temperatures between 5°C and 30°C Keep out of reach of children
<b>Suitable packaging:</b>	Do not remove from original container.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Regulated Exposure Limit:</b>	5ppm 15mins.
<b>Engineering measures:</b>	Use mechanical extraction equipment if working in confined spaces
<b>Respiratory protection:</b>	Use respiratory equipment if working in confined areas
<b>Hand protection:</b>	Wear impervious gloves.
<b>Eye protection:</b>	Wear face visor and avoid contact with eyes and skin.
<b>Skin protection:</b>	Wear overalls, ensuring no area skin is exposed.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>State;</b>	Liquid.
<b>Colour:</b>	Light straw.
<b>Solubility in water:</b>	Soluble 20°C.
<b>Viscosity:</b>	N/A
<b>Boiling point/range°C:</b>	100°C
<b>Flash point °C:</b>	N/A

### 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Hydrochloric Acid will lose strength over time.
<b>Conditions to avoid:</b>	High temperatures.
<b>Materials to avoid:</b>	Acids, Oxidizing Agents, Alkalis and other chemicals. E.g. cyanides, nitrates, sulphates, bleaches and other cleaning agents. Liberates carbon dioxide from carbonates and bicarbonates.
<b>Haz.decomp.products:</b>	Hydrogen gas and chlorine.

### 11. TOXICOLOGICAL INFORMATION

<b>Routes of exposure:</b>	
<b>Skin Contact:</b>	Liquid: Severe irritation and burns on prolonged contact. Vapour: Severe irritation. may cause burns at high concentration
<b>Eye Contact:</b>	Liquid: Severe injury. Vapour: Severe irritation and damage at high concentration. Irritant at low concentration.
<b>Inhalation:</b>	Irritation to eyes, nose, throat and upper respiratory tract. Severe exposure will result in coughing, shortness of breath, chest pain and may cause lung damage.

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Ingestion: Prolonged or frequent inhalation may cause erosion of the teeth, damage to the mucous membranes and lungs.  
Acute: severe irritation and corrosion of the mouth, throat and digestive tract.

### 12. ECOLOGICAL INFORMATION

**Specific hazards:** Toxic to aquatic forms. >280ppm in freshwater and 100ppm in saltwater can be lethal. Lowering of pH below 5 will induce fatalities in aquatic life.

### 13. DISPOSAL CONSIDERATIONS

**General information:** Dispose of in compliance with local and national regulations. Use licensed waste disposal contractor. Do not mix with other waste materials.

### 14. TRANSPORT INFORMATION

**CPL:** Hydrochloric acid (Dilute) UN No 1789: IMO

### 15. REGULATORY INFORMATION

**Symbols:**



Irritant

**Risk phrases:** R36/38 Irritating to eyes and skin.  
R37 Irritating to respiratory systems.  
R51/53 Toxic to aquatic organisms, may cause long term effects in the aquatic environment.

**Safety phrases:** S2 Keep out of reach of children.  
S26 In case of contact with eyes, rinse immediately with plenty of water. Seek medical advice.  
S29/56 Do not empty into drains, dispose of material and container as hazardous waste or take to a special waste collection point.  
S37 Wear suitable protective gloves.  
S46 If swallowed seek medical advice immediately, showing container label.  
S51 Use only in well ventilated area.  
S61 Avoid release to the environment.

### 16. OTHER INFORMATION

THE INFORMATION GIVEN IN THIS DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. SUCH INFORMATION IS TO THE BEST OF THE COMPANY'S KNOWLEDGE AND BELIEF, ACCURATE AND RELIABLE AS OF THE DATE INDICATED. HOWEVER NO WARRANTY, GUARANTEE OR REPRESENTATION IS MADE AS TO IT'S ACCURACY, RELIABILITY OR COMPLETENESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY THEMSELVES AS TO THE SUITABILITY AND APPLICATION OF SUCH INFORMATION FOR THEIR OWN USE.

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