



Trade Name: **KEIM CONCRETE CLEANER**

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

**Trade name:** KEIM CONCRETE CLEANER

Cleaning concentrate to be used in a diluted state to remove contamination and mould release agents from concrete surfaces.

### **Manufacturer/importer/distributor:**

Keim Mineral Paints Ltd  
Santok Building  
Deer Park Way,  
Donnington Wood  
Telford, Shropshire  
TF2 7NA

Tel. (01952) 231250

Fax. (01952) 231251

## 2. COMPOSITION/INFORMATION ON INGREDIENTS:

Hazardous ingredients:

Substance	Content %'d	EG-number	Symbol	Risk Phrases
Hexafluorosilicic acid	<10	009-011-00-5	C	34

\*For full details of R-phrases, see Section 16.

## 3. HAZARDS IDENTIFICATION

C Corrosive  
R34 Causes burns

## 4. FIRST AID MEASURES

**In all cases of doubt, or where symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.**

**Inhalation:** Remove to fresh air, keep patient warm and at rest. If breathing has stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek medical advice.

**Eye contact:** Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.





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**Skin contact:** Remove contaminated clothing. Wash skin thoroughly with soap and water, or use a proprietary skin cleanser. DO NOT use solvents or thinners.

**Ingestion:** If accidentally swallowed drink lots of water and obtain immediate medical attention. Keep at rest. DO NOT induce vomiting.

## 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

Use alcohol resistant foam, carbon dioxide, dry powder or water spray/mist. DO NOT use water jet.

### Recommendations

Fire will produce dense black smoke containing hazardous products of combustion (see Section 10). Exposure to decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire-fighting to enter drains or water courses.

## 6. ACCIDENTAL RELEASE MEASURES

Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in Sections 7 and 8. Contain and collect spillages with non-combustible absorbent materials e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal in accordance with the waste regulations (see Section 13). Do not allow to enter drains or water courses. Clean preferably with a detergent; avoid the use of solvents. If the product enters drains or sewers, the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, contact the relevant environment agency.

## 7. HANDLING AND STORAGE

### Handling:

Avoid contact with skin and eyes. Avoid inhalation of vapour and spray mist. Smoking, eating and drinking should be prohibited in areas of storage and use. For personal protection see Section 8.

### Storage:

Never use pressure to empty; the container is not a pressure vessel. Prevent unauthorised access. Containers, which are opened, should be properly re-sealed and kept upright to prevent leakage.





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The principles contained in the HSE guidance note Storage of Packaged Dangerous Substances should be observed when storing this product. Store separately from oxidising agents and strongly alkaline and strongly acidic materials

Always keep in original containers. Observe the label precautions. Store between 5°C and 25°C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Protect from frost. No smoking.

### **8. EXPOSURE CONTROL/PERSONAL PROTECTION**

#### **Engineering Measures:**

Provide adequate ventilation.

#### **Personal protection:**

**Hand protection:** Wear rubber gloves.

**Eye protection:** Wear goggles to prevent contact with splashes/droplets.

**Body Protection:** Wear overalls, wash skin thoroughly after contact

### **9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State:	Liquid
Colour:	Translucent red
Flashpoint:	N/A
Viscosity (20°C):	-
Density (20°C):	1,1 g/cm <sup>3</sup> (DIN 51794)
Solubility in water:	Unlimited
PH value:	1
Solvent content:	-

### **10. STABILITY AND REACTIVITY**

Stable under the recommended storage and handling conditions (see Section 7).

In fire/high temperatures, hazardous decomposition products such as smoke carbon monoxide and oxides of nitrogen may be produced.

Keep away from oxidising agents and strongly alkaline materials and metals to prevent the possibility of exothermic reaction.





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## 11. TOXICOLOGICAL INFORMATION

Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Splashes in the eye may cause irritation and reversible local damage.

Ingestion may result in the following effects: sore throat, abdominal pain, drowsiness, nausea, vomiting and diarrhoea. Other effects may be as described for exposure to vapours.

## 12. ECOLOGICAL INFORMATION

If used as intended, the product will form a water-insoluble combination on the surface.

## 13. DISPOSAL CONSIDERATIONS

Do not allow to enter drains or water courses or dispose of where ground or surface waters may be affected.

Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

Using information provided in this data sheet, advice should be obtained from the relevant environment agency whether the special waste regulations apply.

## 14. TRANSPORT INFORMATION

**ADR/RID - GGVS/E Road:** Class: 8 figure: 8b UN-No.: 1778  
Description: Hexafluorosilicic acid

**IMDG/GGV Sea:** Class: 8 UN-No.: 1778 PG: II  
Marine Pollutant: No  
Correct technical name: description Fluorosilicic acid

**I CAO/IATA Air:** Class 8 UN-No: 1778 PG: II  
Correct technical name: description Fluorosilicic acid

**Packing group:** II





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## 15. REGULATORY INFORMATION



**Provisions from the EC:** C Corrosive

**Particular labelling requirements for certain preparations:** I Hexafluorosilicic acid

- R36/38: Skin and eye irritant  
S26: Avoid contact with eyes. Rinse opened eye under clean running water. Seek medical attention.  
S37/39: When in use, wear appropriate gloves and protective goggles / mask.  
S46: If swallowed, seek medical advice immediately and supply medical personnel with product label.  
S51: Use only in well ventilated areas.

**Water contamination classification:** WGK 2

The information contained in this data sheet does not constitute the user's own assessment of workplace risks as required by other health and safety legislation.

The provisions of the Health and Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

## 16. OTHER INFORMATION

Further information about the hazard classification can be found in the Approved Guide to the Classification and Labelling of Substances and Preparations Dangerous for Supply.

The information in this data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information and Packaging for Supply) Regulations 1994.

The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use are outside supplier's control, the user is responsible for ensuring the requirements of relevant legislation are complied with.

The information contained in this Safety Data Sheet is intended to assist in the use of the above product without the risk to safety or health and is based on current knowledge and experience. The data does not signify any warranty with regard to the product's properties.

