

---

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

<b>Name of product</b>	Lithofin KF Cement Residue Remover
<b>Distributor</b>	CASDRON Enterprises Ltd. Wood End, Prospect Road, Alresford Hampshire SO24 9QF Phone 0 19 62 73 21 26, Fax 0 19 62 73 53 73
Advice	Technical Department Phone 0 19 62 73 21 26
<b>Manufacturer</b>	LITHOFIN AG Heinrich-Otto-Straße 42, D-73240 Wendlingen Phone +49 (0)7024 94 03-0
Advice	Labor Phone +49 (0)7024 9403-0 Fax +49 (0)7024 9403-40
Emergency advice	Phone +49 (0)7024 9403-0 (8.00-16.00 h) Phone +49 (0)7024 94 03-0
<b>Recommended intended purpose(s)</b>	
Cleaner	

---

## 2. HAZARDS IDENTIFICATION

**Classification**

Xi; R36/38

**R-phrases**

36/38 Irritating to eyes and skin.

---

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical characterization**

Acid cleaner

**Hazardous ingredients**

CAS No	EC No	Name	[% weight]	Classification
110-65-6	203-788-6	but-2-yne-1,4-diol	< 3	C R34; T R23/25; Xn R21-48/22; R43
64-18-6	200-579-1	formic acid	< 2	C R35
7664-38-2	231-633-2	orthophosphoric-acid	< 25	C R34

#### 4. FIRST AID MEASURES

**General information**

Remove contaminated soaked clothing immediately.

**In case of inhalation**

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

**In case of skin contact**

In case of contact with skin wash off immediately with soap and water.

**In case of eye contact**

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

**In case of ingestion**

Do not induce vomiting.

If swallowed by mistake drink plenty of water and seek medical treatment.

---

#### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

Product does not burn, fire-extinguishing activities according to surrounding.

---

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions**

Ensure adequate ventilation.

Use personal protective clothing.

**Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

**Methods for cleaning up**

Take up with absorbent material (e.g. sand, sawdust, general-purpose binder).

---

#### 7. HANDLING AND STORAGE

**Advice on safe handling**

Use only in well-ventilated areas.

Take the usual precautions when handling with chemicals.

**Advice on protection against fire and explosion**

No special measures necessary.

**Further information on storage conditions**

Keep container dry, tightly closed and store at cool and aired place.

---

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Indicative occupational exposure limit values (91/322/EEC, 2000/39/EC or 2006/15/EC)**

CAS No	Name	Code	[mg/m <sup>3</sup> ]	[ppm]	Remark
7664-38-2	phosphoric acid	8 hours	1		
		Short-term	2		
64-18-6	formic acid	8 hours	9	5	

---

---

**Respiratory protection**

Short term: filter apparatus, filter E

**Hand protection**

Gloves (acid-resistant)

**Eye protection**

safety goggles

**Skin protection**

Acid-resistant protective clothing

**General protective measures**

Avoid contact with eyes and skin

**Hygiene measures**

At work do not eat, drink and smoke.

---

**9. PHYSICAL AND CHEMICAL PROPERTIES****Form**

liquid

**Colour**

orange

**Odour**

pleasant

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value in delivery state</b>	< 2				
<b>starts to boil</b>	> 90 °C				
<b>Flash point</b>	not applicable				
<b>Density</b>	ca. 1,1 g/cm <sup>3</sup>				
<b>Solubility in water</b>					multimiscible

---

**10. STABILITY AND REACTIVITY****Conditions to avoid**

Reactions with metals, with evolution of hydrogen.

---

**11. TOXICOLOGICAL INFORMATION****Acute toxicity/Irritability/Sensitization**

	Value/Validation	Species	Method	Remark
<b>LD 50 acute oral</b>	not determined			
<b>LD 50 acute dermal</b>	not determined			
<b>LC 50 acute inhalation</b>	not determined			

---

## 12. ECOLOGICAL INFORMATION

### Data on elimination (persistence and degradability)

	Elimination rate	Method of analysis	Method	Validation
<b>Physico-chemical degradability</b>	not determined			
<b>Biological degradability</b>	not determined			

---

## 13. DISPOSAL CONSIDERATIONS

Waste code No.	Name of waste
06 01 06*	other acids

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

### Recommendations for the product

Remove in accordance with local official regulations.

### Recommendations for packaging

Totally emptied packaging may be taken for recycling.

---

## 14. TRANSPORT INFORMATION

### Land and inland navigation transport ADR/RID

UN 1760 corrosive liquid n.o.s. (Phosphoric acid), 8, III

### Marine transport IMDG

UN 1760 Corrosive liquid, n.o.s., (Phosphoric acid), 8, III

### Air transport ICAO/IATA-DGR

UN 1760 Corrosive liquid, n.o.s., (Phosphoric acid; solution), 8, III

---

## ! 15. REGULATORY INFORMATION

### Remarks for classification

The product is classified and labelled in accordance with EC directives.

### Classification

**Xi** Irritant

### R-phrases

36/38 Irritating to eyes and skin.

### S-phrases

2 Keep out of the reach of children.  
46 If swallowed, seek medical advice immediately and show this container or label.

### National regulations

**Water hazard class** 1 VwVwS (17. 05. 1999)

---

## 16. OTHER INFORMATION

### Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

### Wording of the R-phrases specified in chapter 3 (not the classification of the formulation!)

R 21 Harmful in contact with skin.

R 23/25 Toxic by inhalation and if swallowed.

R 34 Causes burns.

R 35 Causes severe burns.

R 43 May cause sensitisation by skin contact.

R 48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.