

**Lithofin OIL-EX**

---

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

**1.1. Product identifier**

**Name of product** Lithofin OIL-EX

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

**Recommended intended purpose(s)**

Impregnator

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

**Distributor** CDK Stone Pty Ltd  
4-6 Freighter Road, Moorabbin, Victoria 3189  
Phone 03 9553 3055

**Advice** Technical Department  
Phone 03 9553 3055

**1.4. Emergency telephone number**

**Manufacturer** LITHOFIN AG  
Heinrich-Otto-Straße 36, D-73240 Wendlingen  
Phone +49 (0)7024 94 03-0, Fax +49 (0)7024 94 03-40  
E-Mail info@lithofin.de  
Internet www.lithofin.de

**Advice** Labor  
Phone +49 (0)7024 9403-0  
Fax +49 (0)7024 9403-40  
E-mail (competent person):  
info@lithofin.de

**1.4. Emergency telephone number**

**Emergency advice** Mo-Fr. 8.00-16.00  
Phone +49 (0)7024 9403-0

---

**SECTION 2: Hazards identification**

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

**Classification according to 67/548/EEC or 1999/45/EC**

R10  
N; R51/53  
R67

**R-phrases**

10 Flammable.  
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
67 Vapours may cause drowsiness and dizziness.

**Additional hints**

The preparation is classified as hazardous according Directive 1999/45/EC.

**2.2. Label elements**

**Labelling according to 1999/45/EC**

**Remarks for labelling**

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

---

**Lithofin OIL-EX****N** Dangerous for the environment**R-phrases**

10 Flammable.  
 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
 67 Vapours may cause drowsiness and dizziness.

**S-phrases**

2 Keep out of the reach of children.  
 23 Do not breathe vapour.  
 24 Avoid contact with skin.  
 46 If swallowed, seek medical advice immediately and show this container or label.

**2.3. Other hazards****Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**! SECTION 3: Composition/ information on ingredients****3.1. Substances**

not applicable

**3.2. Mixtures****Description**

Solvent based cleaner

**Hazardous ingredients**

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
64742-82-1	265-185-4	Naphtha (petroleum), hydrodesulfurized heavy; Low boiling point hydrogen treated naphtha	> 25	R10; Xn R65; N R51/53; R67

**Additional advice**

Benzene < 0,1 %; RL67/548, Annex I, H, P, 4

These hazards apply to the contained raw materials in concentrated form. they have nothing to do with the labeling requirements of the finished product.

**! Labelling for contents according to regulation (EC) No 648/2004, annex VII**

BENZYL BENZOATE (CAS 120-51-4)

CITRAL (CAS 5392-40-5)

HEXYL CINNAMAL (CAS 101-86-0)

LIMONENE (CAS 5989-27-5)

15 % or over but less than 30 % aromatic hydrocarbons

30 % and more aliphatic hydrocarbons

perfumes

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Do not leave casualty unattended.

**In case of inhalation**

Remove the casualty into fresh air and keep him immobile.

In the event of symptoms refer for medical treatment.

**Lithofin OIL-EX**

---

**In case of skin contact**

In case of contact with skin wash off immediately with soap and water.  
Remove contaminated clothing immediately, even underwear and shoes.

**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.

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

No information available.

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

No information available.

---

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Alcohol-resistant foam  
Dry powder  
ABC powder  
Carbon dioxide  
Water spray jet

**Unsuitable extinguishing media**

Full water jet

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

In case of fire formation of dangerous gases possible.

**5.3. Advice for firefighters**

**Special protective equipment for fire-fighters**

Do not inhale explosion and/or combustion gases.

**Additional information**

Cool endangered containers with water spray jet.

---

**SECTION 6: Accidental release measures**

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

Ensure adequate ventilation.  
Use personal protective clothing.

**6.2. Environmental precautions**

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

**6.3. Methods and material for containment and cleaning up**

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

**Additional Information**

no

**6.4. Reference to other sections**

Safe handling: see section 7  
Disposal: see section 13  
Personal protection equipment: see section 8

---

**Lithofin OIL-EX**

---

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

While spraying wear respiratory protection.  
Use only in thoroughly ventilated areas.  
Use solvent-resistant equipment.  
Take the usual precautions when handling with chemicals.

**General protective measures**

Avoid contact with eyes and skin  
Do not inhale gases/vapours/aerosols.

**Hygiene measures**

Clean skin thoroughly after working.  
At work do not eat, drink and smoke.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking  
Take precautionary measures against static discharges.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep in closed original container.  
Ventilate store-rooms thoroughly.

**Further information on storage conditions**

Keep container dry, tightly closed and store at cool and aired place.  
Do not store at temperature above 25°C (=77°F).  
Do not keep at temperatures below 5°C.

**Storage group** 3

**Fire class** B

**7.3. Specific end use(s)**

No information available.

---

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****8.2. Exposure controls****Respiratory protection**

Breathing apparatus in the event of aerosol or mist formation.  
Breathing apparatus in the event of high concentrations.  
Short term: filter apparatus, filter A  
Multi-purpose filter ABEK  
(EN 14387, 133, 140, 149)

**Hand protection**

Gloves (solvent-resistant)

The glove material (EN 374) must be impermeable and resistant to the product. The protective glove should always be checked to make sure it is suitable for the specific intended workstation (e.g. mechanical resistance, product compatibility).

Heed the manufacturer's specifications regarding permeability and breaching time, as well as instructions and information concerning application, storage and care.

The protective gloves should be replaced immediately if damaged or when first signs of wear appear. Design working cycles in such a way that gloves do not have to be worn permanently.

Since the product is made of several materials, the resistance of the glove materials cannot be predicted in advance and must be checked before use.

Hersteller/manufactor: KCL GmbH/Eichenzell-Germany; Ansell/Yarra City-Australia

Resistant to the hazardous substances listed in chapter 3:

Fluororubber, 0,7 mm, > 8h

Nitrile rubber, 0,4 mm, > 8h

**Lithofin OIL-EX****Eye protection**safety goggles  
(EN 166)**Skin protection**Solvent-resistant protective clothing  
(EN-ISO 20345, EN 13034, 14605,340-463-943-1, 943-2)**! SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****Form**

pasty

**Colour**

colourless

**Odour**

aromatic

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value in delivery state</b>	not applicable				
<b>starts to boil</b>	> 130 °C				
<b>Flash point</b>	> 23 °C				
<b>Lower explosion limit</b>	ca. 0,6 Vol-%				information concern solvent
<b>Upper explosion limit</b>	ca. 8 Vol-%				information concern solvent
<b>Relative density</b>	ca. 0,9 g/cm <sup>3</sup>	ca. 23 °C			
<b>Solubility in water</b>					more or less insoluble
<b>Viscosity Outflow time</b>	> 30 s	ca. 23 °C		ISO 2431/3 mm	

**9.2. Other information**

No information available.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No hazardous reactions known.

**10.2. Chemical stability**

No hazardous reactions known.

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid**

No data available

**10.5. Incompatible materials****Materials to avoid**

No data available

**Lithofin OIL-EX****10.6. Hazardous decomposition products**

No information available.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity/Irritability/Sensitization**

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>	not determined			
<b>LD50 acute dermal</b>	not determined			
<b>LC50 acute inhalation</b>	not determined			

**SECTION 12: Ecological information****12.1. Toxicity**

No information available.

**12.2. Persistence and degradability**

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

**12.3. Bioaccumulative potential**

No information available.

**12.4. Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Other adverse effects****General regulation**

Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.

**! SECTION 13: Disposal considerations****13.1. Waste treatment methods****! Waste code No.**

07 06 04\*

**Name of waste**

other organic solvents, washing liquids and mother liquors

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

**Recommendations for the product**

In accordance with regulations for special waste, must be taken to a special waste disposal.

**Recommendations for packaging**

Totally emptied packaging may be taken for recycling.

**Lithofin OIL-EX**

---

**SECTION 14: Transport information****Land and inland navigation transport ADR/RID**

UN 1993 Flammable liquid, n.o.s. (White spirit), 3, III, (D/E), Classification code: F1

**Marine transport IMDG**

UN 1993 Flammable liquid, n.o.s., (White spirit), 3, III

**Air transport ICAO/IATA-DGR**

UN 1993 Flammable liquid, n.o.s. (White Spirit), 3, III

**Special precautions for user**

No information available.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

No information available.

---

**! SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****! Other regulations (EU)**

Regulation (EC) No 648/2004 (Detergents regulation).

**VOC standard****VOC value** >500 g/L**Remark**

VOCV-Schweiz/OCOV-Suisse/OCOV-Svizzera:

696,6 g/ltr

**National regulations****Other regulations, restrictions and prohibition regulations**

Merkblatt A008: "Persönliche Schutzausrüstungen"

Merkblatt A010: "Betriebsanweisungen für Tätigkeiten mit Gefahrstoffen" (BGI 566)

Merkblatt A023: "Hand- und Hautschutz" (BGI 540)

Merkblatt M017: "Lösemittel" (BGI 621)

Merkblatt M050: "Tätigkeit mit Gefahrstoffen" (BGI 564)

Merkblatt M 053: "Arbeitsschutzmaßnahmen bei Tätigkeiten mit Gefahrstoffen" (BGI 660)

TRGS 510 Lagerung von Gefahrstoffen in ortsbeweglichen Behältern

TRbF 20: "Läger" (Technische Regeln für brennbare Flüssigkeiten)

BGR/GUV-R 190: "Benutzung von Atemschutzgeräten"

**Water hazard class** 2 VwVwS (17. 05. 1999)**15.2. Chemical Safety Assessment**

No information available.

---

**SECTION 16: Other information****Recommended uses and restrictions**

National and local regulations concerning chemicals shall be observed.

**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/H-phrases specified in chapter 3 (not the classification of the mixture!)**

R 10 Flammable.

R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 65 Harmful: may cause lung damage if swallowed.

R 67 Vapours may cause drowsiness and dizziness.