

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 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

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

Advice E-Mail info@lithofin.de
Internet www.lithofin.de

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

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
pH value in delivery state	not applicable				
starts to boil	> 130 °C				
Flash point	> 23 °C				
Lower explosion limit	ca. 0,6 Vol-%				information concern solvent
Upper explosion limit	ca. 8 Vol-%				information concern solvent
Relative density	ca. 0,9 g/cm ³	ca. 23 °C			
Solubility in water					more or less insoluble
Viscosity Outflow time	> 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
LD50 acute oral	not determined			
LD50 acute dermal	not determined			
LC50 acute inhalation	not determined			

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

No information available.

12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
Physico-chemical degradability	not determined			
Biological degradability	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.

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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.