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

<b>Name of product</b>	Lithofin WAX-OFF
<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
<b>Advice</b>	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
<b>Advice</b>	Labor Phone +49 (0)7024 9403-0 Fax +49 (0)7024 9403-40
<b>Emergency advice</b>	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

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## 2. HAZARDS IDENTIFICATION

### Classification

R10

Xi; R36/37

N; R51/53

Xn; R65

### R-phrases

10

Flammable.

36/37

Irritating to eyes and respiratory system.

51/53

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

65

Harmful: may cause lung damage if swallowed.

67

Vapours may cause drowsiness and dizziness.

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Chemical characterization

Solvent based cleaner

### Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification
111-76-2	203-905-0	2-butoxyethanol	< 20	Xn R20/21/22; Xi R36/38

**Lithofin WAX-OFF**

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**Hazardous ingredients (fortgesetzt)**

CAS No	EC No	Name	[% weight]	Classification
64742-82-1	265-185-4	Naphtha (petroleum), hydrodesulfurized heavy; Low boiling point hydrogen treated naphtha	< 25	Xn R65
64742-95-6	265-199-0	Solvent naphtha (petroleum), light arom.; Low boiling point naphtha - unspecified	> 25	Xn R65
-		nichtionische Tenside	> 5	Xi, N; R36-50

**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. The labeling requirements for the finished product are listed as item 15.

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**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.

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**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media**

Foam

Dry powder

Carbon dioxide

sand

**Extinguishing media which must not be used for safety reasons**

Full water jet

**Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**

In case of fire formation of dangerous gases possible.

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**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions**

Ensure adequate ventilation.

Use personal protective clothing.

**Environmental precautions**

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

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**Methods for cleaning up**

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

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**7. HANDLING AND STORAGE****Advice on safe handling**

Use only in thoroughly ventilated areas.  
Use solvent-resistant equipment.  
Take the usual precautions when handling with chemicals.

**Advice on protection against fire and explosion**

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

**Further information on storage conditions**

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

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**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
111-76-2	2-butoxyethanol	8 hours	98	20	skin
		Short-term	246	50	

**Respiratory protection**

Breathing apparatus in the event of high concentrations.  
Short term: filter apparatus, filter A

**Hand protection**

chemical-resistant gloves

**Eye protection**

safety goggles

**General protective measures**

Avoid contact with eyes and skin

**Hygiene measures**

At work do not eat, drink and smoke.

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

liquid

**Colour**

colourless, clear

**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				

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Safety Data Sheet according to Regulation (EC)  
No. 1907/2006 (REACH)

Printed 19.11.2008

Revision 14.02.2008 (GB) Version 1.9

**Lithofin WAX-OFF**

	Value	Temperature	at	Method	Remark
<b>Lower explosion limit</b>	ca. 0,6 Vol-%				
<b>Upper explosion limit</b>	ca. 8 Vol-%				
<b>Density</b>	ca. 0,9 g/cm <sup>3</sup>				
<b>Solubility in water</b>					emulsifiable
<b>Viscosity 1 Outflow time</b>	< 30 s			ISO 2431/3 mm	

## 10. STABILITY AND REACTIVITY

### Conditions to avoid

No hazardous reactions known.

## 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.

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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**! 14. TRANSPORT INFORMATION**

**! Land and inland navigation transport ADR/RID**

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

**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

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**15. REGULATORY INFORMATION**

**Remarks for classification**

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

**Classification**

- Xn** Harmful
- N** Dangerous for the environment

**R-phrases**

- 10 Flammable.
- 36/37 Irritating to eyes and respiratory system.
- 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 65 Harmful: may cause lung damage if swallowed.
- 67 Vapours may cause drowsiness and dizziness.

**S-phrases**

- 2 Keep out of the reach of children.
- 23.3 Do not breathe vapour.
- 24 Avoid contact with skin.
- 62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**Hazardous ingredients for labeling**

Solvent naphtha (petroleum), light arom., Naphtha (petroleum), hydrodesulfurized heavy

**National regulations**

**Water hazard class** 2 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 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R 36/38 Irritating to eyes and skin.

R 38 Irritating to skin.

R 50 Very toxic to aquatic organisms.

R 65 Harmful: may cause lung damage if swallowed.