

Weicon GmbH

Revision date: 25.08.2010

Revision no.:

1,00

Mould Release liquid wax F 1000

7619-0263

**1. Identification of the substance/preparation and of the company/undertaking****Identification of the substance or preparation**

Mould Release liquid wax F 1000

**Further trade names**

106040

**Use of the substance/preparation**

Cleaning agent

**Company/undertaking identification****Manufacturer**

Weicon GmbH

Königsberger Straße 255

D-48157 Münster

Telephone: +49 (0) 251 9322 - 0

Telefax: +49 (0) 251 9322 - 244

e-mail: info@weicon.de

Internet: www.weicon.de

Responsible for the safety data sheet: sds@gbk-ingelheim.de

**Supplier**

WEICON Inc.

20 Steckle Place, Unit 20

Kitchener, Ontario N2E 2C3

Telephone: 519 896 5252

Telefax: 519 896 5254

e-mail: info@weicon.ca

Emergency telephone number: 0 11 49 178 433 74 34 (CONSULTANK Lutz Harder GmbH)

**2. Hazards identification****Classification**

Indications of danger : Harmful, Dangerous for the environment

R-phrases:

Flammable.

Irritating to skin.

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

Harmful: may cause lung damage if swallowed.

Vapours may cause drowsiness and dizziness.

**3. Composition/information on ingredients****Chemical characterization ( Mixture )**

Mixture of organic solvents

**Hazardous components**

CAS-No.	Chemical name	Quantity
142-82-5	heptane; n-heptane	50 - 99 %
64742-49-0	Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha	25 - 50 %

**Further Information**

Mixture of organic solvents

**4. First aid measures****General information**

Remove contaminated soaked clothing immediately.

Weicon GmbH

Revision date: 25.08.2010

Revision no.:

1,00

Mould Release liquid wax F 1000

7619-0263

---

Take away from danger area and lay down affected person.

**After inhalation**

Move to fresh air in case of accidental inhalation of vapours or decomposition products.  
In the event of symptoms refer for medical treatment.

**After contact with skin**

In case of contact with skin wash off with water.  
Consult a doctor if skin irritation persists.

**After contact with eyes**

In case of contact with eyes rinsing with plenty of lukewarm water carefully and seek for medical treatment.

**After ingestion**

Attention. Beware, danger of aspiration.  
Do not induce vomiting.  
Summon a doctor immediately.

---

**5. Fire-fighting measures**

**Suitable extinguishing media**

Foam  
Dry powder  
Carbon dioxide  
water mist

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

Full water jet

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

Fire may produce:  
Carbon monoxide and carbon dioxide.

**Special protective equipment for fire-fighters**

Use breathing apparatus with independent air supply.  
Protective suit

**Additional information**

The vapour/air mixture is explosive, even in empty, uncleaned receptacles.  
Cool containers at risk with water spray jet.  
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

---

**6. Accidental release measures**

**Personal precautions**

In case of vapour formation use respirator.  
Use only explosion-proof equipment.  
Ensure adequate ventilation.  
Keep people away and stay on the upwind side.  
Use personal protective clothing.

**Environmental precautions**

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

**Methods for cleaning up/taking up**

Take up with absorbent material (e.g. sand).  
Shovel into suitable container for disposal.

**Additional information**

Clean contaminated surface thoroughly.

---

**7. Handling and storage**

**Handling**

Weicon GmbH

Revision date: 25.08.2010

Revision no.:

1,00

Mould Release liquid wax F 1000

7619-0263

**Advice on safe handling**

Do not wear contact lenses when handling the product.

Keep container tightly closed.

Vapours are heavier than air and spread along ground.

Keep a good ventilation and air-exhaust at the place of work.

**Advice on protection against fire and explosion**

Keep away from heat and sources of ignition.

Do not smoke.

Take precautionary measures against static discharges.

Use only explosion-proof equipment.

**Storage****Requirements for storage rooms and vessels**

Keep container tightly closed in a dry, cool and well-ventilated place.

Pay attention to anti-explosion rules.

**Advice on storage compatibility**

Incompatible with oxidizing agents.

**Further information on storage conditions**

Keep away from food, drink and animal feeding stuffs.

Protect from heat and direct solar radiation.

Storage temperature may not exceed 50°C (=122°F).

Storageclass (VCI): 3 A

**8. Exposure controls/personal protection****Exposure limit values****Exposure limits (ACGIH)**

CAS No.	Substance	ppm	mg/m <sup>3</sup>	F/ml	Category	Origin
142-82-5	Heptane, all isomes	400			TWA (8 h)	TLV
		500			STEL (15 min)	TLV

**Occupational exposure controls**

Ensure adequate ventilation, especially in confined areas.

**Protective and hygiene measures**

Do not inhale gases/vapours/aerosols.

Wash hands before breaks and immediately after handling the product.

At work do not eat, drink, smoke or take drugs.

Remove and wash contaminated clothes before re-use.

Avoid contact with eyes, skin or mucous membrane.

**Respiratory protection**

In case of insufficient ventilation wear suitable respiratory equipment (gas filter type A).

**Hand protection**

Protective gloves resistant to chemicals made of nitrile, Minimum coat thickness 0.4 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove &lt;Camatril 735&gt; made by www.kcl.de.

This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Pls. find examples in the GISBAU protective gloves database under:

<http://www.wingisonline.de/handschuhe/frmMain.aspx>**Eye protection**

Eye wash bottle with pure water.

Tightly fitting goggles

Weicon GmbH

Revision date: 25.08.2010

Revision no.:

1,00

Mould Release liquid wax F 1000

7619-0263

**Skin protection**

Protective clothing

**9. Physical and chemical properties****General information**

Physical state: Liquid  
 Colour: Whitish  
 Odour: Solvent-like

**Important health, safety and environmental information**

	Test method
pH-Value:	n.a.
<b>Changes in the physical state</b>	
Boiling point:	98 °C DIN 53171
Flash point:	>23 °C
<b>Flammability</b>	>200
<b>Explosive properties</b>	
"The product is considered non-explosive; nevertheless explosive vapour/air mixture can be generated."	
Lower explosion limits:	0,7 vol. %
Upper explosion limits:	7,0 vol. %
Vapour pressure: (at 20 °C)	261 hPa
Density (at 20 °C):	0,71 g/cm <sup>3</sup> ISO 2811
Water solubility: (at 20 °C)	More or less insoluble
<b><u>Other information</u></b>	
Ignition temperature:	215 °C

**10. Stability and reactivity****Conditions to avoid**

To avoid thermal decomposition, do not overheat.  
 Vapour/air mixtures are explosive at intensive warming.  
 Heating can release vapours which can be ignited.

**Materials to avoid**

Strong oxidizing agents

**Hazardous decomposition products**

Carbon monoxide and carbon dioxide.

**Additional information**

No decomposition if stored and applied as directed.

**11. Toxicological information****Corrosive and irritant effects**

Skin irritation = Irritant

Eye irritation = No primary but slight irritant effect on rabbits' eyes.

Possible sensitization in case of persons suffering from hypersensitivity.

Irritates mucous membranes.

**Sensitising effects**

Skin sensitization, remark : Non-sensitizing

**Empirical data on effects on humans**

Harmful by inhalation.

Inhalation causes narcotic effect/intoxication.

Weicon GmbH

Revision date: 25.08.2010

Revision no.:

1,00

Mould Release liquid wax F 1000

7619-0263

Ingestion may cause nausea and vomiting

Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

## **12. Ecological information**

### **Further information**

Do not discharge product unmonitored into the environment.

Product is not allowed to discharge into the ground water or aquatic environment.

## **13. Disposal considerations**

### **Advice on disposal**

Where possible recycling is preferred to disposal.

Can be incinerated, when in compliance with local regulations.

Remove in accordance with local official regulations.

If recycling is not practicable, dispose of in compliance with local regulations.

### **Contaminated packaging**

Contaminated packagings are to be treated like the product itself.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Empty containers should be taken for local recycling, recovery or waste disposal.

## **14. Transport information**

### **Canadian TDG**

#### **Proper shipping name**

FLAMMABLE LIQUID, N.O.S. (Heptane (Naphtha (petroleum) )

UN/ID number: 1993

Hazard classes: 3

Packing group: III

Hazard label: 3

#### **Land transport (ADR/RID)**

UN number: 1993

ADR/RID class: 3

Classification Code: F1

Warning plate

Hazard-no.: 33

Hazard label: 3



ADR/RID packing group: III

Limited quantity: LQ4

#### **Description of the goods**

FLAMMABLE LIQUID, N.O.S. (Heptane (Naphtha (petroleum) )

#### **Other applicable information (land transport)**

LQ 4: combination packaging: 3 l / 30 kg (total gross mass); trays: 1 l / 20 kg (total gross mass).

Tunnel restriction code: D/E

Transport category: 2

#### **Marine transport**

UN number: 1993

IMDG code: 3

Marine pollutant: No

Hazard label: 3

Weicon GmbH

Revision date: 25.08.2010

Revision no.:

1,00

Mould Release liquid wax F 1000

7619-0263



IMDG packing group:	III
EmS:	F-E; S-E
Limited quantity:	5 L

**Description of the goods**

FLAMMABLE LIQUID, N.O.S. (Heptane (Naphtha (petroleum) )

**Air transport**

UN/ID number:	1993
ICAO/IATA-DGR:	3
Hazard label:	3



ICAO packing group:	III
Limited quantity Passenger:	Y305 / 1 L
IATA-packing instructions - Passenger:	309
IATA-max. quantity - Passenger:	60 L
IATA-packing instructions - Cargo:	310
IATA-max. quantity - Cargo:	220 L

**Description of the goods**

FLAMMABLE LIQUID, N.O.S. (Heptane (Naphtha (petroleum) )

**15. Regulatory information****Canadian regulations****DSL/NDSL inventory status**

All of the components are listed on the DSL Inventory.

**WHMIS classification**

WHMIS: B2, D2B

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all information required by the CPR.

**16. Other information****Other data**

Data of sections 4 to 8, as well as 10 to 12, do not necessarily refer to the use and the regular handling of the product (in this sense consult package leaflet and expert information), but to release of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

"(n.a. = not applicable; n.d. = not determined)"

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*