

Weicon GmbH

Revision date: 25.08.2010

Revision no.:

1,00

Mould Release liquid wax F 1000

7619-0263

1. Product and Company Identification**Commercial product name**

Mould Release liquid wax F 1000

Further trade names

106040

Chemical characterization (Mixture)

Mixture of organic solvents

Company/undertaking identification**Manufacturer**

Weicon GmbH

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2. Hazards Identification**Route(s) of Entry**

Skin and eye contact, inhalation and ingestion.

Signs and Symptoms of Exposure

CAUTION !

Flammable

Irritating to skin.

Harmful if swallowed or inhaled.

Vapours can cause drowsiness and dizziness.

Harmful: may cause lung damage if swallowed.

OSHA Hazard Communication: This material is considered hazardous by the OSHA Hazard Communication Standard 29CFR 1910.1200.

Carcinogenicity (NTP): Not listed

Carcinogenicity (IARC): Not listed

Carcinogenicity (OSHA): Not listed

3. Composition/Information on Ingredients**Hazardous components**

CAS No.	Components	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.

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.

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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 of aspiration danger.

Do not induce vomiting.

Summon a doctor immediately.

5. Fire Fighting Measures

Suitable extinguishing media

Foam

Dry powder

Carbon dioxide

water mist

Unsuitable extinguishing media

Full water jet

Special hazards arising from the chemical

Fire may produce:

Carbon monoxide and carbon dioxide.

Protective equipment and precautions for firefighters

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

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.

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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).

8. Exposure Controls/Personal Protection**Exposure limit values****Exposure limits**

CAS No.	Components	ppm	mg/m ³	fib/cc	Category	Origin
142-82-5	Heptane (n-Heptane)	500	2000		TWA (8 h)	PEL
	Heptane, all isomes	400			TWA (8 h)	TLV
		500			STEL (15 min)	TLV
142-82-5	n-Heptane	85	350		TWA (8 h)	REL
		C 440	C 1800		Ceiling	REL

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 off nitrile, Minimum coat thickness 0.4 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Camatril 735> 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

Skin protection

Protective clothing

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9. Physical and Chemical Properties

Appearance

Form: Liquid
 Color: Whitish
 Odor: Solvent-like

Important health, safety and environmental information

	Test method
pH-Value:	n.a.

Changes in the physical state

Boiling point:	98 °C	DIN 53171
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Flash point:	>23 °C
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Flammability	>200
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Explosive properties

"The product is considered non-explosive; nevertheless explosive vapour/air mixture can be generated."

Lower explosion limits:	0,7 vol. %
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Upper explosion limits:	7,0 vol. %
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Vapour pressure: (at 20 °C)	261 hPa
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Density (at 20 °C):	0,71 g/cm ³	ISO 2811
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Water solubility: (at 20 °C)	More or less insoluble
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Other information

Ignition temperature:	215 °C
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10. Stability and Reactivity

Stability

Stable

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.

Possibility of Hazardous Reactions

Will not occur

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

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Empirical data on effects on humans

Harmful by inhalation.

Inhalation causes narcotic effect/intoxication.

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**US DOT 49 CFR 172.101****Proper shipping name**

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

ID Number: 1993

Hazard Class or Division: 3

Packing group: III

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

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

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IMDG code: 3
 Marine pollutant: No
 Hazard label: 3



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

U.S. Regulations

National Inventory TSCA

All of the components are listed on the TSCA inventory.

SARA

To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

State Regulations

This product contains max VOC: (96,1%)

16. Other Information

Hazardous Materials Information Label (HMIS)

Health: 1
 Flammability: 2
 Physical Hazard: 0

NFPA Hazard Ratings

Health: 1
 Flammability: 2
 Reactivity: 0
 Unique Hazard:



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



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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.)