

Weicon GmbH

Revision date: 23.08.2010

Revision no.:

1,00

Surface Cleaner liquid

7619-0253

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

Surface Cleaner liquid

Further trade names

152070

Use of the substance/preparation

Cleaning agent

Company/undertaking identification**Manufacturer**

Weicon GmbH

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

Supplier

WEICON Inc.

20 Steckle Place, Unit 20

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

2. Hazards identification**Classification**

Indications of danger : Extremely flammable, Harmful, Irritant, Dangerous for the environment

R-phrases:

Highly flammable.

Irritating to skin.

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
64742-49-0	Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha	50 - 99 %
109-66-0	pentane	10 - 24,99 %
64-17-5	ethanol, ethyl alcohol	2.5 - 9.9 %

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.

After contact with skin

Wash off immediately with soap and plenty of water.
Consult a doctor if skin irritation persists.

After contact with eyes

In case of contact with eyes rinse thoroughly with water.
Seek medical treatment by eye specialist.

After ingestion

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

Advice to doctor

The following symptoms may occur:

Delirious state

Vomiting

Headache

Confusion

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

Vapours are heavier than air and spread along ground.
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.
Remove persons to safety.
Use personal protective clothing.

Environmental precautions

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

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Methods for cleaning up/taking up

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

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).
Recommended storage temperature: room temperature.

Storageclass (VCI): 3 A

8. Exposure controls/personal protection**Exposure limit values****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 <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:

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

Eye wash bottle with pure water.

Tightly fitting goggles

Skin protection

Protective clothing

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

Physical state:	Liquid
Colour:	Colourless
Odour:	Characteristic

Important health, safety and environmental information

	Test method
pH-Value:	n.a.

Changes in the physical state

Boiling point:	36 °C
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Flash point:	-35 °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:	0,8 vol. %
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Upper explosion limits:	7,8 vol. %
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Vapour pressure: (at 20 °C)	573 hPa
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Density (at 20 °C):	0,709 g/cm ³
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Water solubility: (at 20 °C)	Immiscible
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Solvent content

100 %

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 = Non-irritant

Irritates respiratory tract.

Irritates mucous membranes.

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Severe effects after repeated or prolonged exposure

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

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**Canadian TDG****Proper shipping name**

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

UN/ID number: 1993

Hazard classes: 3

Packing group: II

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: II

Limited quantity: LQ2

Description of the goods

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

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

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Transport category: 2

Marine transport

UN number:	1993
IMDG code:	3
Marine pollutant:	No
Hazard label:	3



IMDG packing group:	I
EmS:	F-E; S-E
Limited quantity:	1 L / 30 kg

Description of the goods

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

Other applicable information (marine transport)

Limited quantities (chapter 3.4): combination packaging: 1 l / 30 kg (total gross mass); trays: 1 l / 20 kg (total gross mass)

Air transport

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



ICAO packing group:	I
Limited quantity Passenger:	Y305 / 1 L
IATA-packing instructions - Passenger:	305
IATA-max. quantity - Passenger:	5 L
IATA-packing instructions - Cargo:	307
IATA-max. quantity - Cargo:	60 L

Description of the goods

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

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.

Safety Data Sheet according to WHMIS



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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.)