

Weicon GmbH

Revision date: 23.08.2010

Revision no.:

1,00

Surface Cleaner liquid

7619-0253

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

Surface Cleaner liquid

**Further trade names**

152070

**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**

DANGER!

Extremely 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
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.

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**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 of aspiration danger.

Do not induce vomiting.

Summon a doctor immediately.

**Advice to physician**

The following symptoms may occur:

Delirious state

Vomiting

Headache

Confusion

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**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**

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.

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**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.

**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.

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**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.

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

CAS No.	Components	ppm	mg/m <sup>3</sup>	fib/cc	Category	Origin
64-17-5	Ethyl alcohol	1000	1900		TWA (8 h)	REL
	Ethyl alcohol (Ethanol)	1000	1900		TWA (8 h)	PEL
109-66-0	Pentane	1000	2950		TWA (8 h)	PEL
	n-Pentane	120	350		TWA (8 h)	REL
		C 610	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 &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

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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

**9. Physical and Chemical Properties****Appearance**

Form:	Liquid
Color:	Colourless
Odor:	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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<b>Flammability</b>	>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 <sup>3</sup>
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Water solubility: (at 20 °C)	Immiscible
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**Solvent content**

100 %

**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.

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## **11. Toxicological Information**

### **Corrosive and irritant effects**

Skin irritation = Irritant

Eye irritation = Non-irritant

Irritates respiratory tract.

Irritates mucous membranes.

### **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.

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## **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.

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## **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.

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## **14. Transport Information**

### **US DOT 49 CFR 172.101**

#### **Proper shipping name**

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

ID Number: 1993

Hazard Class or Division: 3

Packing group: II

Label: 3

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

UN number: 1993

ADR/RID class: 3

Classification Code: F1

Warning plate

Hazard-no.: 33

Hazard label: 3

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ADR/RID packing group: II  
 Limited quantity: LQ2

**Description of the goods**

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

**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  
 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**

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****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.

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**State Regulations**

This product contains max VOC: (709 g/L)

**16. Other Information****Hazardous Materials Information Label (HMIS)**

Health:	1
Flammability:	3
Physical Hazard:	0

**NFPA Hazard Ratings**

Health:	1
Flammability:	3
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 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.)*