

Weicon GmbH

Revision date: 24.01.2010

Revision no.:

1,00

Silicone liquid

7619-0135

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

### **Identification of the substance or preparation**

Silicone liquid

### **Further trade names**

15350

### **Use of the substance/preparation**

Technical material

Silicone

### **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)

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## **2. Hazards identification**

### **Classification**

Indications of danger : Highly flammable, Harmful, Dangerous for the environment

R-phrases:

Highly flammable.

Irritating to eyes and 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.

### **Explication of special hazards for human health and environment**

Welding and brazing processes can cause spatter, melting metal and UV/IR heat can cause burns or start fires.

During welding- and brazing processes formed metallic fumes are suspected of being cancer causing agents.

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## **3. Composition/information on ingredients**

### **Chemical characterization ( Mixture )**

Preparation of alcohol and silicone oil.

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**Hazardous components**

CAS-No.	Chemical name	Quantity
64742-49-0	Naphtha (petroleum), hydrotreated light	35 - 40 %
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	25 - 30 %

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

Remove contaminated soaked clothing immediately.

If you feel unwell, seek medical advice.

**After inhalation**

Move to fresh air in case of accidental inhalation of vapours.

In the event of symptoms refer for medical treatment.

**After contact with skin**

In case of contact with skin wash off with soap and water.

In case of irritation consult a physician.

**After contact with eyes**

Rinse thoroughly with plenty of water, also under the eyelids.

If eye irritation persists, consult a specialist.

**After ingestion**

Do not induce vomiting.

Refer to medical treatment.

**Advice to doctor**

Attention. Beware, danger of aspiration.

If swallowed, flush stomach.

**5. Fire-fighting measures****Suitable extinguishing media**

Foam

Dry powder

Carbon dioxide

**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.

**Additional information**

Cool containers at risk with water spray jet.

**6. Accidental release measures****Personal precautions**

In case of vapour formation use respirator.

Keep away sources of ignition.

Ensure adequate ventilation.

Use personal protective clothing.

**Environmental precautions**

Do not discharge into the drains or bodies of water.

Do not discharge into the subsoil/soil.

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**Methods for cleaning up/taking up**

Take up residues with suitable absorbent materials.

Shovel into suitable container for disposal.

**7. Handling and storage****Handling****Advice on safe handling**

Keep container tightly closed.

Avoid contact with skin, eyes and clothing.

Use only in well-ventilated areas.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking.

Pay attention to anti-explosion rules.

Take measures against electrostatic charging.

Vapours can form an explosive mixture with air.

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

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

Protect from heat and direct solar radiation.

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**

At work do not eat, drink and smoke.

Wash hands and skin before breaks and after work.

When using, do not eat, drink or smoke.

Avoid contact with skin, eyes and clothing.

**Respiratory protection**

Use suitable breathing apparatus if there is inadequate ventilation.

**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.

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.

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

**Eye protection**

Safety goggles with side protection

**Skin protection**

Protective clothing

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

Physical state:

Liquid

Colour:

Colourless, clear

Odour:

alcoholic

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**Important health, safety and environmental information**

	Test method
pH-Value:	n.a.
<b>Changes in the physical state</b>	
Flash point:	<21 °C
<b>Explosive properties</b>	
"The product is considered non-explosive; nevertheless explosive vapour/air mixture can be generated."	
Lower explosion limits:	1,1 vol. %
Upper explosion limits:	12 vol. %
Density:	approx. 0,7 g/cm <sup>3</sup>
Water solubility:	Partially miscible
Viscosity / dynamic:	0,362 mPa·s

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

Keep away from heat and sources of ignition.  
 Vapour/air mixtures are explosive at intensive warming.  
 Heating can release vapours which can be ignited.

**Materials to avoid**

Oxidizing agents.

**Hazardous decomposition products**

Carbon monoxide and carbon dioxide.

**Additional information**

No decomposition if used as directed.

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**11. Toxicological information****Acute toxicity**

LD50/oral : >2000 mg/kg Rat (Calculated )

**Corrosive and irritant effects**

Eye irritation: Irritant

Skin irritation : Irritant

**Sensitizing effects**

Non-sensitizing

**Empirical data on effects on humans**

Inhalation of vapours in high concentration can cause narcotic effects.

**Further information**

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

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**12. Ecological information****Ecotoxicity**

Slightly degradable

**Further information**

Do not discharge product unmonitored into the environment.

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

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

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**13. Disposal considerations****Advice on disposal**

Remove in accordance with local official regulations.

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

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**14. Transport information****Canadian TDG****Proper shipping name**

PETROLEUM DISTILLATES, N.O.S. (Naphtha (petroleum).)

UN/ID number:	UN1268
Hazard classes:	3
Packing group:	II
Hazard label:	3

**Land transport (ADR/RID)**

UN number:	1268
ADR/RID class:	3
Classification Code:	F1
Warning plate	
Hazard-no.:	33
Hazard label:	3



ADR/RID packing group:	II
Limited quantity:	LQ4

**Description of the goods**

PETROLEUM DISTILLATES, N.O.S. (Naphtha (petroleum))

**Other applicable information (land transport)**

Special provision:: 640C 649  
 Transport category:: 2  
 Tunnel restriction code:: D1E

**Marine transport**

UN number:	1268
IMDG code:	3
Marine pollutant:	P
Hazard label:	3



IMDG packing group:	II
EmS:	F-E, S-E
Limited quantity:	1 L

**Description of the goods**

PETROLEUM DISTILLATES, N.O.S. (Petroleum)

**Other applicable information (marine transport)**

Special provision:: 944

**Air transport**

UN/ID number:	1268
ICAO/IATA-DGR:	3
Hazard label:	3



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ICAO packing group:	II
Limited quantity Passenger:	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**

PETROLEUM DISTILLATES, N.O.S. (Petroleum)

**Other applicable information (air transport)**

: Y305

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

All of the components are listed on the DSL Inventory.

**WHMIS classification**

WHMIS: B2 &amp; 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.

Literature:

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