



Safety Data Sheet according to Regulation (EC)  
No. 1907/2006 (REACH)

Printed 06.01.2016  
revision 18.06.2015 (GB) Version 8.2

**Silicone liquid**

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Name of product**

Silicone liquid  
Code-Nr. 153500

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Recommended intended purpose(s)**

Technical Liquids

**1.3. Details of the supplier of the safety data sheet**

**Distributor**

WEICON GmbH & Co. KG  
Königsberger Str. 255, DE-48157 Münster  
Postbox 48045, DE-8460 Münster  
Phone ++49(0)251 / 9322 - 0, Fax ++49(0)251 / 9322 - 244  
E-Mail : msds@weicon.de  
Internet : www.weicon.de

**Advice**

Produktsicherheit / Product-Safety-Department  
Phone ++49(0)251 / 9322 - 0  
E-mail (competent person):  
msds@weicon.de

**1.4. Emergency telephone number**

GIZ Bonn (German, English) Tel: ++49(0)228-19 240  
TRANSPORT: Consultank Lutz Harder GmbH Tel: +49(0)178  
433 7434 (24h Emergency Contact)

**Manufacturer**

WEICON GmbH & Co. KG  
Königsberger Str. 255, DE-48157 Münster

**1.4. Emergency telephone number**

**Emergency advice**

-  
Phone -  
GIZ Bonn (Medizinische Auskunft in Deutsch und Englisch)  
Tel: ++49(0)228-19 240  
TRANSPORT: Consultank Lutz Harder GmbH Tel: +49(0)178  
433 7434 (24h Emergency Contact)

**! SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]**

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
Flam. Liq. 2	H225	
Skin Irrit. 2	H315	
Eye Irrit. 2	H319	
STOT SE 3	H336	

## Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
Asp. Tox. 1	H304	
Aquatic Chronic 2	H411	

### Hazard Statements

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

## 2.2. Label elements

### Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]



GHS02



GHS07



GHS08



GHS09

### Signal word

Danger

### Hazard Statements

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

### Precautionary Statements

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P331	Do NOT induce vomiting.
P332 + P313	If skin irritation occurs: Get medical advice/attention.



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P337 + P313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing.
P370 + P378	In case of fire: Use extinguishing powder or sand for extinction.
P391	Collect spillage.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P403 + P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to hazardous or special waste collection point.

### Hazardous ingredients for labeling

Naphtha (petroleum), hydrotreated light (Nota P<0,1% Benzol)

### 2.3. Other hazards

Product has an anesthetic effect.

### Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

## ! SECTION 3: Composition/ information on ingredients

### 3.1. Substances

not applicable

### 3.2. Mixtures

#### Description

Compound

#### Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
64-17-5	200-578-6	ethanol	25 - 35	Flam. Liq. 2, H225
110-54-3	203-777-6	n-hexane	1 - 2,5	Flam. Liq. 2, H225 / Repr. 2, H361f / Asp. Tox. 1, H304 / STOT RE 2, H373 / Skin Irrit. 2, H315 / STOT SE 3, H336 / Aquatic Chronic 2, H411
110-82-7	203-806-2	cyclohexane	1 - 2,5	Flam. Liq. 2, H225 / Asp. Tox. 1, H304 / Skin Irrit. 2, H315 / STOT SE 3, H336 / Aquatic Acute 1, H400 / Aquatic Chronic 1, H410
64742-49-0	265-151-9	Naphtha (petroleum), hydrotreated light (Nota P<0,1% Benzol)	45 - 55	Flam. Liq. 2, H225 / Skin Irrit. 2, H315 / Asp. Tox. 1, H304 / STOT SE 3, H336 / Aquatic Chronic 2, H411

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove contaminated soaked clothing immediately and dispose it safely.

#### In case of inhalation

Remove the casualty into fresh air and keep him immobile.

In the event of symptoms refer for medical treatment.

#### In case of skin contact

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

Consult a doctor if skin irritation persists.



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### In case of eye contact

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

### In case of ingestion

Do not induce vomiting.

Call for a doctor immediately.

Rinse out mouth and give plenty of water to drink.

### 4.2. Most important symptoms and effects, both acute and delayed

#### Physician's information / possible symptoms

Unconsciousness

vomiting

Respiratory complaints

Headache

Confusion

skin irritation

#### Physician's information / possible dangers

Risk of pulmonary oedema

Risk of pneumonia

### 4.3. Indication of any immediate medical attention and special treatment needed

#### Treatment (Advice to doctor)

Continue to monitor for pneumonia and pulmonary oedema.

If swallowed or in the event of vomiting, risk of entering the lungs.

Keep under medical supervision for at least 48 hours.

Symptoms may not occur until several hours.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Foam

Dry powder

Carbon dioxide

#### Unsuitable extinguishing media

Full water jet

### 5.2. Special hazards arising from the substance or mixture

May lead to formation of explosive/easily ignitable vapour air mixtures.

In case of fire formation of dangerous gases possible.

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighters

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.

Do not inhale explosion and/or combustion gases.

#### Additional information

Cool endangered containers with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

Collect contaminated firefighting water separately, must not be discharged into the drains.



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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Ensure adequate ventilation.  
Use personal protective clothing.  
Keep away sources of ignition.  
Use breathing apparatus if exposed to vapours/dust/aerosol.

### 6.2. Environmental precautions

Inform pollution control authorities if product gets into the sewerage systems or open waters.  
Do not discharge into the drains or bodies of water..  
Do not discharge into the drains/surface waters/groundwater.

### 6.3. Methods and material for containment and cleaning up

Disposal according to regulations.  
Take up with absorbent material.

### 6.4. Reference to other sections

Safe handling: see section 7  
Disposal: see section 13  
Personal protection equipment: see section 8

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## ! SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### ! Advice on safe handling

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.  
Take the usual precautions when handling with chemicals.

#### General protective measures

Avoid contact with eyes and skin  
Do not inhale gases/vapours/aerosols.

#### Hygiene measures

At work do not eat, drink and smoke.  
Wash hands before breaks and after work.

#### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking  
Vapours can form an explosive mixture with air.  
Take precautionary measures against static discharges.  
Pay attention to general rules of internal fire prevention.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep in closed original container.

#### Advice on storage compatibility

Do not store with acids.  
Do not store together with animal feedstuffs.  
Do not store together with food.  
Do not store together with oxidizing agents.

#### Further information on storage conditions

Protect from sparks and flames.  
Keep container tightly closed and store at cool and aired place.  
Protect from heat and direct solar radiation.  
Recommended storage temperature: room temperature.

**Silicone liquid****7.3. Specific end use(s)****Recommendation(s) for intended use**

See section 1.2

**! SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Ingredients with occupational exposure limits to be monitored**

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
110-82-7	Cyclohexane	8 hours	350	1050	EH40/2005
		Short-term	1050	300	
64-17-5	ethanol	8 hours	1920	1000	EH40/2005
110-54-3	n-hexane	8 hours	72	20	EH40/2005

**Indicative occupational exposure limit values (91/322/EEC, 2000/39/EC, 2006/15/EC or 2009/161/EU)**

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
110-54-3	n-hexane	8 hours	72	20	
110-82-7	cyclohexane	8 hours	700	200	

**Additional advice**

The statutory local and national regulations have to be observed.

**8.2. Exposure controls****Respiratory protection**

If ventilation insufficient, wear respiratory protection.

**Hand protection**

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: fluorinated rubber; 0,7mm; 480min; 60min;

**! Eye protection**

tightly fitting goggles

**Other protection measures**

protective clothing

**Appropriate engineering controls**

Sufficient ventilation and exhaustion.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****Appearance**

liquid

**Colour**

colourless, clear

**Odour**

like mineral oil

**Odour threshold**



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not determined

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value</b>	not applicable				
<b>boiling point</b>	not applicable				
<b>melting point</b>	not applicable				
<b>Flash point</b>	< 21 °C			closed cup	
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not determined				
<b>Flammability (gas)</b>	not determined				
<b>Ignition temperature</b>	not determined				
<b>Self ignition temperature</b>	not determined				
<b>Lower explosion limit</b>	not determined				
<b>Upper explosion limit</b>	not determined				
<b>Vapour pressure</b>	> 36 hPa				
<b>Relative density</b>	ca. 0,7 g/ml	20 °C			
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>					immiscible
<b>Solubility/other</b>			Organic solvent		soluble
<b>Partition coefficient n-octanol/water (log P O/W)</b>	not determined				
<b>Decomposition temperature</b>	not determined				
<b>Viscosity dynamic</b>	not determined				
<b>Viscosity kinematic</b>	not determined				
<b>Solvent content</b>	> 90 %				
<b>Oxidising properties</b>	No information available.				
<b>Explosive properties</b>	no				

**9.2. Other information**

No information available.



## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No information available.

### 10.2. Chemical stability

No information available.

### 10.3. Possibility of hazardous reactions

Reactions with acids and strong oxidising agents.

Risk of bursting.

Formation of explosive gas/air mixtures.

### 10.4. Conditions to avoid

Keep away from heat.

Because of the high vapour pressure, containers are liable to burst if temperature rises.

### 10.5. Incompatible materials

#### Substances to avoid

Acid, concentrated

Oxidising agent

### 10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide.

#### Thermal decomposition

Remark No decomposition if used as directed.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
<b>Skin irritation</b>	irritant			
<b>Eye irritation</b>	strong irritant			
<b>Skin sensitization</b>	non-sensitizing			

#### Experiences made from practice

Often and long skin contact may cause degreasing and desiccation of the skin which may cause skin irritation.

Vapours may cause dizziness, headaches and tiredness

When inhaled, reaction time and coordination sense may be reduced.

Irritates eyes and skin.

#### Additional information

The product is to be handled with the caution usual with chemicals.

Other hazardous properties may not be excluded.

The product has not been tested. The information is derived from the properties of the individual components.





**Silicone liquid**

## SECTION 12: Ecological information

### 12.1. Toxicity

No information available.

### 12.2. Persistence and degradability

Elimination rate

Method of analysis

Method

Validation

#### Biological

Biodegradable

#### degradability

The product is highly volatile and can be largely eliminated from the water by stripping.

### 12.3. Bioaccumulative potential

Slight bioaccumulation potential.

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Other adverse effects

#### Additional ecological information

Value

Method

Remark

#### AOX

The product contains no organically bound halogen in accordance with the formulation.

#### General regulation

Toxic to aquatic life with long lasting effects.

Do not allow uncontrolled leakage of product into the environment.

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

Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.

## ! SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Recommendations for the product

Remove in accordance with local official regulations.

#### Recommendations for packaging

Dispose of according to the local waste regulations.

Packaging that cannot be cleaned should be disposed of like the product.

## SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	3295	3295	3295
14.2. UN proper shipping name	HYDROCARBONS, LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated light (Nota P<0, 1% Benzol))	HYDROCARBONS, LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated light (Nota P<0, 1% Benzol))	Hydrocarbons, liquid, n.o.s. (Naphtha (petroleum), hydrotreated light (Nota P<0, 1% Benzol))
14.3. Transport hazard class(es)	3	3	3
14.4. Packing group	II	II	II



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ADR/RID	IMDG	IATA-DGR
<b>14.5. Environmental hazards</b> No	No	No

### 14.6. Special precautions for user

No information available.

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

### Land and inland navigation transport ADR/RID

Hazard label(s) 3

tunnel restriction code D/E

Special provisions 640D

Classification code F1

### Marine transport IMDG

MARINE POLLUTANT

### Transport/further information

24h EMERGENCY CONTACT (TRANSPORT) +49(0)178 433 7434 (Consultank Lutz Harder GmbH)

## ! SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### ! VOC standard

VOC content 82,8 %

VOC value 645,9 g/L

### 15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

## ! SECTION 16: Other information

### ! Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

For industrial use only.

### Further information

Each user is responsible for the implementation of the national special regulations.

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Please observe the following disclaimer! --- Our safety data sheets have been compiled according to effective EU-directives, WITHOUT taking into account the special national directives concerning the handling of hazardous substances.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 8.1

H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H361f Suspected of damaging fertility or the unborn child (state specific effect if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

H373 May cause damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.