

Weicon GmbH

Revision date: 28.11.2009

Revision no.:

1,00

Cleaner S liquid

7619-0077

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

Cleaner S liquid

Further trade names

15200

Chemical characterization (Mixture)

Preparation with aliphatic hydrocarbons

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

Attention. Beware of aspiration danger.

Irritating to eyes and skin.

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	50 - 99 %
109-66-0	pentane	10 - 24.99 %
64-17-5	ethanol, ethyl alcohol	2.5 - 9.9 %
67-56-1	methanol	0.1 - 0.99 %
5989-27-5	(R)-p-mentha-1,8-diene, d-limonene	<=0.1 %

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.

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After contact with skin

In case of contact with skin wash off with 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.

If swallowed by mistake drink plenty of water and seek medical treatment.

Rinse out mouth and give plenty of water to drink.

Advice to physician

Attention. Beware of aspiration danger.

If swallowed, flush stomach.

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.

Additional information

Cool containers at risk with water spray jet.

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

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.

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.

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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.

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

CAS No.	Components	ppm	mg/m ³	fib/cc	Category	Origin
64-17-5	Ethyl alcohol	1000	1900		TWA (8 h)	REL
	Ethyl alcohol (Ethanol)	1000	1900		TWA (8 h)	PEL
67-56-1	Methyl alcohol	200	260		TWA (8 h)	PEL
		200	260		TWA (8 h)	REL
		200	262		TWA (8 h)	TLV
		250	325		STEL (15 min)	REL
		250	328		STEL (15 min)	TLV
		-	-		Peak	TLV
109-66-0	Pentane	1000	2950		TWA (8 h)	PEL
7440-33-7	Tungsten (insoluble compounds as W)	-	5		TWA (8 h)	TLV
		-	10		STEL (15 min)	TLV
		-	-		Peak	TLV
109-66-0	n- Pentane	600	-		TWA (8 h)	TLV
		-	-		STEL (15 min)	TLV
		-	-		Peak	TLV
109-66-0	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

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.

ANSI Z49.1 Safety in Welding, Cutting and allied processes.

Respiratory protection

Use suitable breathing apparatus if there is inadequate ventilation.

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.

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.

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Eye protection

Safety goggles with side protection

Skin protection

Protective clothing

9. Physical and Chemical Properties**Appearance**

Form:	Liquid
Color:	Colourless, clear
Odor:	Like Oranges

Important health, safety and environmental information

	Test method
pH-Value:	n.a.

Changes in the physical state

Boiling point:	36 °C
Flash point:	-35 °C

Explosive properties

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

Lower explosion limits:	0,8 vol. %
Upper explosion limits:	7,8 vol. %
Vapour pressure:	approx.200 hPa
Density:	0,709 g/cm ³
Water solubility:	Immiscible
Viscosity / dynamic: (at 20 °C)	573 mPa·s

Solvent content

100%

Other information

Ignition temperature:	200 °C
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10. Stability and Reactivity**Stability**

Stable

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.

Possibility of Hazardous Reactions

Will not occur

Additional information

No decomposition if used as directed.

11. Toxicological Information**Corrosive and irritant effects**

Skin irritation: Irritant

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

Irritates respiratory tract.

Inhalation causes narcotic effect/intoxication.

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.

12. Ecological Information

Ecotoxicity

No data available.

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.

13. Disposal Considerations

Advice on disposal

Remove in accordance with local official regulations.

Where possible recycling is preferred to disposal.

Empty containers may be recycled. Otherwise dispose of in accordance with applicable regulations.

14. Transport Information

US DOT 49 CFR 172.101

Proper shipping name

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

ID Number: UN1993

Hazard Class or Division: 3

Packing group: I

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: I

Limited quantity: LQ4

Description of the goods

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

Marine transport

UN number: 1993

IMDG code: 3

Marine pollutant: P

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Hazard label: 3



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

Description of the goods

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

Other applicable information

Special provision:: 944

Air transport

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



ICAO packing group: I
 Limited quantity Passenger: 1 L
 IATA-packing instructions - Passenger: 302
 IATA-max. quantity - Passenger: 1 L
 IATA-packing instructions - Cargo: 303
 IATA-max. quantity - Cargo: 30 L

Description of the goods

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

Other applicable information

: Y305

15. Regulatory Information**U.S. Regulations****National Inventory TSCA**

All of the components are listed on the TSCA inventory.

SARA

This product contains toxic chemical(s) subject to the reporting requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372. Any such toxic chemical(s) are shown below.

Isopropanol, CAS No. 67-63-0 (max. 30%)

State Regulations

This product contains max VOC: 72,9% (729 g/L)

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

Health: 1
 Flammability: 2
 Physical Hazard: 0

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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 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:

Changes

Changes in chapter: 15, (Poland)

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