

Weicon GmbH

Revision date: 31.01.2010

Revision no.:

1,00

Stainless Steel Care-Liquid

7619-0141

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

Identification of the substance or preparation

Stainless Steel Care-Liquid

Further trade names

15590

Use of the substance/preparation

Technical material

Cleaner

Company/undertaking identification

Manufacturer

Weicon GmbH

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

Supplier

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2. Hazards identification

Classification

Indications of danger : Highly flammable, Harmful, 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.

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.

3. Composition/information on ingredients

Chemical characterization (Mixture)

Preparation with aliphatic hydrocarbons

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Hazardous components

CAS-No.	Chemical name	Quantity
64-17-5	ethanol, ethyl alcohol	25 - 50 %
64742-48-9	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha	10 - 25 %
111-76-2	2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether	10 - 25 %
64742-49-0	Naphtha (petroleum), hydrotreated light	10 - 25 %

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 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.

Seek medical treatment immediately.

Rinse out mouth and give plenty of water to drink.

Advice to doctor

Attention. Beware, danger of aspiration.

The following symptoms may occur:

Anaesthetic state

Unconsciousness

Headache

Nausea

Confusion

Dizziness

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.

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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.

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.

Store only in original container at temperature of 50°C maximum (=122°F).

Recommended storage temperature: room temperature.

Storageclass (VCI): 3 A

8. Exposure controls/personal protection**Exposure limit values****Exposure limits (ACGIH)**

CAS No.	Substance	ppm	mg/m ³	F/ml	Category	Origin
111-76-2	2-Butoxyethanol (EGBE)	20	97		TWA (8 h)	TLV
		-	-		STEL (15 min)	TLV
		-	-		Peak	TLV

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

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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.

Eye protection

Safety goggles with side protection

Skin protection

Protective clothing

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

Physical state:	Liquid
Colour:	Clear
Odour:	Solvent-like

Important health, safety and environmental information

	Test method
pH-Value:	n.a.

Changes in the physical state

Boiling point:	>78 °C
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Flash point:	<0 °C
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Explosive properties

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

Lower explosion limits:	0,7 vol. %
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Upper explosion limits:	15 vol. %
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Vapour pressure: (at 20 °C)	59 hPa
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Density:	0,779 g/cm ³
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Water solubility:	Insoluble
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Solvent content

91,7%

Other information

Ignition temperature:	200 °C
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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

Reactions with acids and strong oxidizing agents.

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Additional information

No decomposition if used as directed.

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

Skin irritation: Irritant

Eye irritation: Non-irritant

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Irritates respiratory tract.

Sensitizing effects

Skin sensitization, remark : 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.

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.

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

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

FLAMMABLE LIQUID, N.O.S. (Ethanol, Petroleum)

UN/ID number: UN1993

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: LQ4

Description of the goods

FLAMMABLE LIQUID, N.O.S. (Ethanol, Petroleum)

Other applicable information (land transport)

Special provision:: 640C 649

Transport category:: 2

Tunnel restriction code:: D1E

Marine transport

UN number: 1993

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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

FLAMMABLE LIQUID, N.O.S. (Ethanol, Petroleum)

Other applicable information (marine transport)

Special provision:: 944

Air transport

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



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

FLAMMABLE LIQUID, N.O.S. (Ethanol, 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 & 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:

Safety Data Sheet according to WHMIS



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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.)