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Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revised on / Version: 01.02.2011 / 0012 Replaces revision of / Version: 17.05.2009 / 0011

Valid from: 01.02.2011

PDF print date: 18.02.2011

SCHNELLREINIGER 500ML Art.: 3318

# Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

#### 1.1 Product identifier

# **SCHNELLREINIGER 500ML**

Art.: 3318

#### 1.2 Relevant identified uses of the substance or mixture:

Cleaner

# Uses advised against:

No information available at present.

## 1.3 Details of the supplier of the safety data sheet

LIQUI MOLY GmbH, Jerg-Wieland-Straße 4, D-89081 Ulm-Lehr Telephone (+49) 0731-1420-0, Fax (+49) 0731-1420-88

E-mail address of the competent person: info@chemical-check.de, k.schnurbusch@chemical-check.de

#### 1.4 Emergency telephone

## Advisory office in case of poisoning:

Tel.

# Telephone number of the company in case of emergencies:

Tel.: (+49) 0731-1420-0

#### **SECTION 2: Hazards identification**

38 Irritating to skin.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. 67 Vapours may cause drowsiness and dizziness.

#### 2.1 Classification of the substance or mixture

# 2.1.1 Classification according to Regulation (EC) 1272/2008 (CLP)

Not determined

#### 2.1.2 Classification according to Directives 67/548/EEC and 1999/45/EC (including amendments).

F+.Extremely flammable

Xi, Irritant, R38

R67

N, Dangerous for the environment, R51-53

# 2.2 Label elements

# 2.2.1 Labeling according to Regulation (EC) 1272/2008 (CLP)

Not determined

# 2.2.2 Labeling according to Directives 67/548/EEC and 1999/45/EC (including amendments).



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Symbols: F+/Xi/N Indications of danger: Extremely flammable

Irritant

Dangerous for the environment

R-phrases:

38 Irritating to skin.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

67 Vapours may cause drowsiness and dizziness.

S-phrases:

23 Do not breathe spray.

33 Take precautionary measures against static discharges.

29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

46 If swallowed, seek medical advice immediately and show this container or label.

51 Use only in well-ventilated areas.

61 Avoid release to the environment. Refer to special instructions/safety data sheets.

Additions:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C.

Do not spray on a naked flame or any incandescent material.

Keep away from sources of ignition - No smoking.

Do not pierce or burn, even after use.

Keep out of the reach of children.

Without adequate ventilation, formation of explosive mixtures may be possible.

#### 2.3 Other hazards

The mixture contains no vPvB substance (vPvB = very persistent, very bioaccumulative).

The mixture contains no PBT substance (PBT = persistent, bioaccumulative, toxic).

# REGULATION (EC) No 648/2004

30 % and more aliphatic hydrocarbons

# **SECTION 3: Composition/information on ingredients**

#### 3.1 Substance

# n.a. 3.2 Mixture

OLE MIXEGIO	
Naphtha (petroleum), hydrotreated light	
Registration number (ECHA)	-
Index	649-328-00-1
EINECS, ELINCS	265-151-9
CAS	CAS 64742-49-0
content %	50-100
Symbol	F/Xn/Xi/N
R-phrases	11-38-51-53-65-67
Classification categories / Indications of danger	Dangerous for the environment, Harmful, Highly flammable,
	Irritant
Hazard class/Hazard category	Hazard statement
Flam. Liq./2	H225
Skin Irrit./2	H315
Aquatic Chronic/2	H411
Asp. Tox./1	H304
STOT SE/3	H336

Carbon dioxide	Substance for which an EU exposure limit value applies.
Registration number (ECHA)	-
Index	
EINECS, ELINCS	204-696-9
CAS	CAS 124-38-9



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content %	1-5
Symbol	
R-phrases	
Classification categories / Indications of danger	
Hazard class/Hazard category	Hazard statement

For the text of the R-phrases / H-phrases and classification codes (GHS/CLP), see Section 16.

#### **SECTION 4: First aid measures**

# 4.1 Description of first aid measures

# Inhalation

Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms.

If the person is unconscious, place in a stable side position and consult a doctor.

#### Skin contact

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

#### **Eve contact**

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

Keep Data Sheet available.

#### Ingestion

Typically no exposure pathway.

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

Where relevant delayed occuring symptomes and effects will be found in section 11. or at the exposure routes under section 4.1.

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

n.c.

# **SECTION 5: Firefighting measures**

# 5.1 Extinguishing media Suitable extinguishing media

CO2

Extinction powder

Foam

#### Unsuitable extinguishing media

Water

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

In case of fire the following can develop:

Oxides of carbon

Toxic pyrolysis products.

Explosive vapour/air mixture

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Pressure increase will result in danger of bursting.

Danger of explosion by prolonged heating.

#### 5.3 Advice for firefighters

Protective respirator with independent air supply.

Full protection

Dispose of contaminated extinction water according to official regulations.

#### **SECTION 6: Accidental release measures**

# 6.1 Personal precautions, protective equipment and emergency procedures

Remove possible causes of ignition - do not smoke.

Ensure sufficient supply of air.

Avoid inhalation, and contact with eyes or skin.



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#### 6.2 Environmental precautions

If leakage occurs, dam up.

Prevent surface and ground-water infiltration, as well as ground penetration.

Avoid release to the environment.

Prevent from entering drainage system.

If accidental entry into drainage system occurs, inform responsible authorities.

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

If spray or gas escapes, ensure ample fresh air is available.

Active substance:

Soak up with absorbent material (e.g. universal binding agent) and dispose of according to Section 13.

Never use water.

# 6.4 Reference to other sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

# **SECTION 7: Handling and storage**

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

#### 7.1 Precautions for safe handling

Keep away from sources of ignition - Do not smoke.

Take precautions against electrostatic charges.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Observe directions on label and instructions for use.

Use working methods according to operating instructions.

Ensure sufficient ventilation.

Pressurized container:

protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not use on hot surfaces.

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

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

Observe special storage conditions (in Germany, e.g., in accordance with the regulations in the "Betriebssicherheitsverordnung").

Not to be stored in gangways or stair wells.

Store product closed and only in original packing.

Protect against moisture and store closed.

Store in a well ventilated place.

Store cool

#### 7.3 Specific end use(s)

No information available at present.

# **SECTION 8: Exposure controls/personal protection**

# 8.1 Control parameters

© Chemical Name	Naphtha (petroleu	m), hydrotreated	d light		Content %:50- 100
WEL-TWA: 800 mg/m3 (WEL), 12	00 mg/m3 (AGW)	WEL-STEL:	2(II) (AGW)		
BMGV:				Other information:	
Chemical Name     ■	Carbon dioxide				Content %:1-5
WEL-TWA: 5000 ppm (9150 mg/m	3) (WEL), 5000	WEL-STEL:	15000 ppm (27400	mg/m3) (WEL)	
ppm (9000 mg/m3) (EC)					
BMGV·				Other information:	

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-terme exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) |



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Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.

\*\* = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

#### 8.2 Exposure controls

# 8.2.1 Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn. Applies only if maximum permissible exposure values are listed here.

# 8.2.2 Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection:

Tight fitting protective goggles with side protection (EN 166).

Skin protection - Hand protection:

Protective nitrile gloves (EN 374)

Minimum layer thickness in mm:

0,38

Permeation time (penetration time) in minutes:

< 480

Skin protection - Other:

Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments)

Respiratory protection:

If OES or MEL is exceeded.

Filter A2 P2 (EN 14387), code colour brown, white

Observe wearing time limitations for respiratory protection equipment.

Thermal hazards

Flash point:

If applicable, these are included in the individual protective measures (eye/face protection, skin protection, respiratory protection).

Additional information on hand protection - No tests have been performed.

In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents. Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account. Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.

The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

#### 8.2.3 Environmental exposure controls

No information available at present.

# **SECTION 9: Physical and chemical properties**

n.a.

# 9.1 Information on basic physical and chemical properties

Physical state:

Colour:

Odour:

Odour threshold:

Ph-value:

Melting point/freezing point:

Initial boiling point and boiling range:

Aerosol

Colourless

Characteristic

Not determined

Not determined

Not determined

n.a.

Evaporation rate: Not determined Flammability (solid, gas): Not determined



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Lower explosive limit: 1 Vol-% Upper explosive limit: 6,5 Vol-% Vapour pressure: Not determined Vapour density (air = 1): Not determined 0,707 g/ml (DIN 51757) Density: Bulk density: Not determined

Solubility(ies): Not determined Water solubility: Insoluble Partition coefficient (n-octanol/water): Not determined

Auto-ignition temperature: No

Decomposition temperature: Not determined Viscosity: Not determined

Explosive properties: Product is not explosive., Possible build up of explosive/highly

flammable vapour/air mixture.

Oxidising properties: Not determined

9.2 Other information

Miscibility: Not determined Fat solubility / solvent: Not determined Conductivity: Not determined Surface tension: Not determined

Solvents content: 96 %

# **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

See also Subsection 10.4 to 10.6.

The product has not been tested.

# 10.2 Chemical stability

See also Subsection 10.4 to 10.6.

Stable with proper storage and handling.

# 10.3 Possibility of hazardous reactions

See also Subsection 10.4 to 10.6. No decomposition if used as intended.

# 10.4 Conditions to avoid

Heating, open flame, ignition sources

Pressure increase will result in danger of bursting.

# 10.5 Incompatible materials

No dangerous reactions are known.

# 10.6 Hazardous decomposition products

See also Subsection 10.4 to 10.6.

No decomposition when used as directed.

# **SECTION 11: Toxicological information**

The product was not tested.

Classification according to calculation procedure.

SCHNELLREINIGER 500ML						
Art.: 3318						
Toxicity/effect	Endpoin	Value	Unit	Organism	Test method	Notes
-	t					
Acute toxicity, by oral route:						n.d.a.
Acute toxicity, by dermal route:						n.d.a.
Acute toxicity, by inhalation:						n.d.a.
Skin corrosion/irritation:						n.d.a.
Serious eye damage/irritation:						n.d.a.
Respiratory or skin						n.d.a.
sensitisation:						
Germ cell mutagenicity:						n.d.a.
Carcinogenicity:						n.d.a.
Reproductive toxicity:						n.d.a.



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Specific target organ toxicity -		 n.d.a.
single exposure (STOT-SE):		
Specific target organ toxicity -		 n.d.a.
repeated exposure (STOT-RE):		
Aspiration hazard:		 n.d.a.
Respiratory tract irritation:		 n.d.a.
Repeated dose toxicity:		 n.d.a.
Symptoms:		 n.d.a.

Naphtha (petroleum), hydrotrea Toxicity/effect		Value	Unit	Organiam	Test method	Notes
TOXICITY/effect	Endpoin	value	Unit	Organism	rest method	Notes
A sector to elicitor have seed assets.	t LDF0	0000		D-4		
Acute toxicity, by oral route:	LD50	>2000	mg/kg	Rat		
Acute toxicity, by dermal route:	LD50	>2000	mg/kg	Rabbit		
Acute toxicity, by inhalation:	LD50	>20	mg/l/4h	Rat		
Skin corrosion/irritation:						n.d.a.
Skin corrosion/irritation:						Irritant
Serious eye damage/irritation:						n.d.a.
Serious eye damage/irritation:						Not irritant
Respiratory or skin						Not sensitizising
sensitisation:						
Germ cell mutagenicity:						n.d.a.
Carcinogenicity:						n.d.a.
Reproductive toxicity:						n.d.a.
Specific target organ toxicity -						n.d.a.
single exposure (STOT-SE):						
Specific target organ toxicity -						n.d.a.
repeated exposure (STOT-RE):						
Aspiration hazard:						n.d.a.
Respiratory tract irritation:						n.d.a.
Repeated dose toxicity:						n.d.a.
Symptoms:						dizziness.
- 7						unconsciousness,
						heart/circulatory
						disorders, headaches,
						cramps, drowsiness,
						mucous membrane
						irritation, dizziness,
						nausea and vomiting.

Toxicity/effect	Endpoin	Value	Unit	Organism	Test method	Notes
•	t					
Acute toxicity, by oral route:						n.d.a.
Acute toxicity, by dermal route:						n.d.a.
Acute toxicity, by inhalation:						n.d.a.
Skin corrosion/irritation:						n.d.a.
Serious eye damage/irritation:						n.d.a.
Respiratory or skin						n.d.a.
sensitisation:						
Germ cell mutagenicity:						n.d.a.
Carcinogenicity:						n.d.a.
Reproductive toxicity:						n.d.a.
Specific target organ toxicity -						n.d.a.
single exposure (STOT-SE):						
Specific target organ toxicity -						n.d.a.
repeated exposure (STOT-RE):						
Aspiration hazard:						n.d.a.
Respiratory tract irritation:						n.d.a.
Repeated dose toxicity:						n.d.a.



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Symptoms:			unconsciousness, blisters
			by skin-contact, vomiting,
			frostbite, annoyance,
			palpitations, itching,
			headaches, cramps, ear
			noises, dizziness

# **SECTION 12: Ecological information**

The product has not been tested.

SCHNELLREINIGER 500	OML						
Art.: 3318							
Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:							n.d.a.
Toxicity to daphnia:							n.d.a.
Toxicity to algae:							n.d.a.
Persistence and							n.d.a.
degradability:							
Bioaccumulative							n.d.a.
potential:							
Mobility in soil:							n.d.a.
Results of PBT and							n.d.a.
vPvB assessment							
Other adverse effects:							n.d.a.

Naphtha (petroleum), h	ydrotreated lig	jht					
Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC50		1-10	mg/l			
Toxicity to daphnia:	EC50	48h	3	mg/l	(Daphnia magna)		
Toxicity to algae:	IC50		1-10	mg/l			
Persistence and							Readily biodegradable
degradability:							
Bioaccumulative	Log Pow		3,4-5,2				
potential:							
Mobility in soil:							n.d.a.
Mobility in soil:							Adsorption in ground.,
							Product is slightly volatile.
Results of PBT and							n.d.a.
vPvB assessment							
Other adverse effects:							n.d.a.
Toxicity to bacteria:	EC50		1-<10	mg/l			

Carbon dioxide									
Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes		
Toxicity to fish:							n.d.a.		
Toxicity to daphnia:							n.d.a.		
Toxicity to algae:							n.d.a.		
Persistence and							n.d.a.		
degradability:									
Bioaccumulative							n.d.a.		
potential:									
Mobility in soil:							n.d.a.		
Results of PBT and							n.d.a.		
vPvB assessment									
Other adverse effects:							n.d.a.		

# **SECTION 13: Disposal considerations**

# 13.1 Waste treatment methods For the substance / mixture / residual amounts



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EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)

16 05 04 gases in pressure containers (including halons) containing dangerous substances

Recommendation:

Pay attention to local and national official regulations

E.g. suitable incineration plant. E.g. dispose at suitable refuse site.

# For contaminated packing material

Pay attention to local and national official regulations Do not perforate, cut up or weld uncleaned container.

# **SECTION 14: Transport information**

**General statements** 

UN number: 1950

Transport by road/by rail (ADR/RID)

UN proper shipping name: UN 1950 AEROSOLS

Transport hazard class(es): 2.1 Packing group: Classification code: 5F LQ (ADR 2011): 1 L LQ (ADR 2009): 2

Environmental hazards: environmentally hazardous

Tunnel restriction code:

Transport by sea (IMDG-code)

UN proper shipping name:

AEROSOLS (NAPHTHA (PETROLEUM))

2.1 Transport hazard class(es): Packing group: EmS: F-D, S-U

Environmental hazards: environmentally hazardous

Transport by air (IATA)

UN proper shipping name:

Marine Pollutant:

Aerosols, flammable

Transport hazard class(es): 2.1

Packing group:

Not applicable Environmental hazards:

Special precautions for user

Persons employed in transporting dangerous goods must be trained.

All persons involved in transporting must observe safety regulations.

Precautions must be taken to prevent damage.

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

Freighted as packaged goods rather than in bulk, therefore not applicable.

Additional information:

Danger code and packing code on request.

# **SECTION 15: Regulatory information**

Yes

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

Yes

For classification and labelling see Section 2.

Observe restrictions:

Regulation (EC) No 1907/2006, Annex XVII.

Observe youth employment law (German regulation).

VOC 1999/13/EC 652,1 g/l,96,03%

# 15.2 Chemical safety assessment

No information available at present.









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# **SECTION 16: Other information**

These details refer to the product as it is delivered.

Revised sections:

1 - 16

The following statements are the indicated R-phrases / H-phrases and classification codes (GHS/CLP) for the ingredients (listed in Section 3).

11 Highly flammable.

38 Irritating to skin.

51 Toxic to aquatic organisms.

53 May cause long-term adverse effects in the aquatic environment.

65 Harmful: may cause lung damage if swallowed.

67 Vapours may cause drowsiness and dizziness.

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.

H411 Toxic to aquatic life with long lasting effects.

Flam. Liq.-Flammable liquid

Skin Irrit.-Skin irritation

Aguatic Chronic-Hazardous to the aguatic environment - chronic

Asp. Tox.-Aspiration hazard

STOT SE-Specific target organ toxicity - single exposure - narcotic effects

#### Legend:

n.a. = not applicable / n.v., k.D.v. = n.av. = not available / n.g. = n.c. = not checked

WEL = Workplace Exposure Limit EH40, TWA = Long-term exposure limit (8-hour TWA (= time weighted average) reference period), STEL = Short-terme exposure limit (15-minute reference period) / BMGV = Biological monitoring guidance value EH40

AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany) / BGW = "Biologischer Grenzwert" (biological limit value, Germany)

VbF = Regulations for flammable liquids (Austria)

VOC = Volatile organic compounds

AOX = Adsorbable organic halogen compounds

ATE = Acute Toxicity Estimates according to Regulation (EC) 1272/2008 (CLP)

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge. No responsibility.

These statements were made by:

Chemical Check GmbH, Wöbbeler Straße 2-4, D-32839 Steinheim, Tel.: +49 5233 94 17 0, +49 1805-CHEMICAL / +49 180 52 43 642, Fax: +49 5233 94 17 90, +49 180 50 50 455

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