

Safety Data Sheetaccording to Regulation (EC) No.
1907/2006/Article 31 (REACH)

STALOC Bohr- und Schneidölspray SQ-680

Version: 1

Language: EN

Product No.:

Revision date: 14.10.2013

Print date: 14/10/2013

Specification No.:

1. Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****STALOC Bohr- und Schneidölspray SQ-680**

CAS number: -
EC number (EINECS/ELINCS): -
EC index number: -
REACH registration number: -

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

Identified uses of the substance or mixture: Aerosol

Not recommended uses of the substance or mixture: -

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

STALOC
Flachenauergutstraße 8

A 4020 Linz

Telephone: +43 (0)732 221877**Fax:** +43 (0)732 222489**Supplier**

STANKOVSKY Handels-GmbH
Flachenauergutstraße 8

A 4020 Linz

Telephone: +43 (0)732 221877**Fax:** +43 (0)732 222489**Information contact**

STANKOVSKY Handels-GmbH

Information Telephone: +43 (0)732 221877**Information fax:** +43 (0)732 222489**E-mail (competent person):** office@staloc.com**Website:** http://www.staloc.com**National contact**

STANKOVSKY Handels-GmbH

Information Telephone: +43 (0)732 221877**Information fax:** +43 (0)732 222489**E-mail (competent person):** office@staloc.com**Website:** http://www.staloc.com**1.4 Emergency telephone number**

Giftinformationszentrale Wien
24h/d 7d/w

Telephone: +43 (0) 1 4064343**1.5 Dept. responsible for information**

Abteilung Produktsicherheit

2. Hazards identification

En - 01.12.10

Page: 1 by: 13

Safety Data Sheet

according to Regulation (EC) No.
1907/2006/Article 31 (REACH)

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Specification No.:

2.1 Classification of the substance or mixture

Regulation (EC) No 1272/2008:

Flam. Liq. 1; H224 , Acute Tox. 4; H302 , STOT SE 3; H336

Directive 67/548/EEC:

F+; R12 , Xn; R22 , -; R67

2.2 Label elements

2.2.1 Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms:



Signal word:

GHS02, GHS07

H phrases:

Danger

P phrases:

224 Extremely flammable liquid and vapour.
302 Harmful if swallowed.
336 May cause drowsiness or dizziness.
101 If medical advice is needed, have product container or label at hand.
102 Keep out of reach of children.
210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
211 Do not spray on an open flame or other ignition source.
235+410 Keep cool. Protect from sunlight.
251 Pressurized container: Do not pierce or burn, even after use.
261 Avoid breathing dust/fume/gas/mist/vapours/spray.
270 Do not eat, drink or smoke when using this product.
271 Use only outdoors or in a well-ventilated area.
301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
304+341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
371+380+375 In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
501 Dispose of contents/container to .?.

2.2.2 Labelling according to Directive 67/548/EEC

Hazard symbols:



R phrases:

F+ Extremely flammable.
12 Extremely flammable.
22 Harmful if swallowed.

S phrases:

67 Vapours may cause drowsiness and dizziness.
1/2 Keep locked up and out of the reach of children.
13 Keep away from food, drink and animal feedingstuffs.
15 Keep away from heat.
20/21 When using do not eat, drink or smoke.
23 Do not breathe gas/fumes/vapour/spray.
35 This material and its container must be disposed of in a safe way.
46 If swallowed, seek medical advice immediately and show this container or label.

En - 01.12.10

Page: 2 by: 13

Safety Data Sheet

according to Regulation (EC) No.
1907/2006/Article 31 (REACH)

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Version: 1 Language: EN

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Revision date: 14.10.2013

Print date: 14/10/2013

Specification No.:

51 Use only in well-ventilated areas.

2.3 Other hazards

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

3. Composition/information on ingredients

3.1 Chemical characterization of the substance or mixture

Preparation related information

3.2 Composition of the substance or mixture

Substance:	EC-no.:	CAS-No.:	INDEX no.:	REACH-no.:	Concentration:	Classification: EC 1272/2008(CLP):	Classification n: 67/548/EEC:
Dimethylether	204-065-8	115-10-6	603-019-00-8		10-20%	Flam. Gas 1; H220	F+; R12
Ethylene glycol	203-473-3	107-21-1	603-027-00-1		30-50%	Acute Tox. 4; H302	Xn; R22

Ingredients with EC exposure limits

Substance:	EC-no.:	CAS-No.:	INDEX no.:	REACH-no.:	Concentration:	Classification: EC 1272/2008(CLP):	Classification n: 67/548/EEC:
Dimethylether	204-065-8	115-10-6	603-019-00-8		10-20%	Flam. Gas 1; H220	F+; R12
Ethylene glycol	203-473-3	107-21-1	603-027-00-1		30-50%	Acute Tox. 4; H302	Xn; R22

(The wording of the listed risk phrases is given in Chapter 16)

3.3 Additional information

Full text of R-, H- and EUH-phrases: see section 16.

4. First aid measures

4.1 Description of first aid measures

General information: In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible).

Following inhalation: In case of inhaling spray mists, consult a doctor immediately and show him box or label. In case of unconsciousness place in unconscious position and seek medical advice.

After skin contact: After contact with skin, wash immediately with: Water. In case of skin irritation, seek medical treatment.

Following eye contact: In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

After ingestion: Immediately get medical attention.

Self-protection: First aid assistant: Pay attention to self-protection!

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: Headache. Nausea. drowsiness. Disorientation. Dizziness.

Nature of Hazard: unconsciousness.

4.3 Indication of any immediate medical attention and special treatment needed

En - 01.12.10

Page: 3 by: 13

Safety Data Sheetaccording to Regulation (EC) No.
1907/2006/Article 31 (REACH)**STALOC Bohr- und Schneidölspray SQ-680**

Version: 1

Language: EN

Product No.:

Revision date: 14.10.2013

Print date: 14/10/2013

Specification No.:

Emergency aid:

-

Treatment:

Treat symptomatically.

5. Fire fighting measures**5.1 General information**

-

5.2 Extinguishing media**Suitable:** Carbon dioxide (CO₂). Dry extinguishing powder.**Unsuitable:**

-

5.3 Special hazards arising from the substance or mixture

-

5.4 Advice for fire fighters**Special protective equipment for fire-fighters**

In case of fire: Wear self-contained breathing apparatus. Protective clothing.

Additional informationCollect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
Use water spray/stream to protect personnel and to cool endangered containers.**6. Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

See protective measures under point 7 and 8.

6.2 Environmental precautions

Do not empty into drains or the aquatic environment.

6.3 Methods and materials for containment and cleaning up

Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4 References to other sections

-

7. Handling and storage**7.1 Precautions for safe handling****Information for safe handling**

Provide for sufficient ventilation and punctiform suction at critical points. Use only in well-ventilated areas.

Technical measures

Equipment with built-in suction provisions.

Precautions against fire and explosion

Vapours may form explosive mixtures with air.

En - 01.12.10

Page: 4 by: 13

Safety Data Sheet

according to Regulation (EC) No.
1907/2006/Article 31 (REACH)

STALOC Bohr- und Schneidölspray SQ-680

Version: 1

Language: EN

Product No.:

Revision date: 14.10.2013

Print date: 14/10/2013

Specification No.:

Additional information

-

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep in a cool, well-ventilated place.

Packaging materials

-

Requirements for storerooms and containers

-

Information about storing together in storage facility

-

Further information concerning storage conditions

Heating causes rise in pressure with risk of bursting.

Storage class: 2 B Pressurized small gas containers (aerosol containers).

7.3 Specific end use(s)

-

8. Exposure controls / personal protection

8.1 Control parameters

8.1.1 Limits for occupational exposure

Exposure limit values

Substance:	CAS-No.:	Source:	Occupational exposure limit value:	Limitation of exposure peaks:	Remark:
Dimethylether	115-10-6				
Ethylene glycol	107-21-1				

EC exposure limit values

Substance:	CAS-No.:	Source:	Occupational exposure limit value:	Limitation of exposure peaks:	Remark:
Dimethylether	115-10-6				
Ethylene glycol	107-21-1				

8.1.2 DNEL and PNEC values

DNEL-values

Substance:	CAS-No.:	DNEL/DMEL	Industry	Professional	consumer
Dimethylether	115-10-6	Ingestion short term (acute)			
		Ingestion Long Term (repeated)			
		Skin contact short term (acute)			
		Skin contact Long Term (repeated)			
		Inhalation short term (acute)			
		Inhalation Long Term (repeated)			

En - 01.12.10

Page: 5 by: 13

Safety Data Sheet

according to Regulation (EC) No.
1907/2006/Article 31 (REACH)

STALOC Bohr- und Schneidölspray SQ-680

Version: 1

Language: EN

Product No.:

Revision date: 14.10.2013

Print date: 14/10/2013

Specification No.:

Ethylene glycol	107-21-1	Ingestion short term (acute)			
		Ingestion Long Term (repeated)			
		Skin contact short term (acute)			
		Skin contact Long Term (repeated)			
		Inhalation short term (acute)			
		Inhalation Long Term (repeated)			

PNEC-values

Substance:	CAS-No.:	PNEC	Worker, industry	Worker, professional	consumer
Dimethylether	115-10-6	PNEC water short term (single use)			
		PNEC water Long Term (continuous)			
		PNEC soil short term (single use)			
		PNEC soil Long Term (continuous)			
		PNEC air short term (single use)			
		PNEC air Long Term (continuous)			
Ethylene glycol	107-21-1	PNEC water short term (single use)			
		PNEC water Long Term (continuous)			
		PNEC soil short term (single use)			
		PNEC soil Long Term (continuous)			
		PNEC air short term (single use)			
		PNEC air Long Term (continuous)			

8.1.3 Control-Banding

Control-Banding

-

8.1.4 Additional information

-

8.2 Exposure controls

Occupational exposure controls

-

Chemical handling

If technical suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn.

Personal protection equipment

-

Respiratory protection

Respiratory protection required in case of: insufficient ventilation. Respiratory protection: Protective respiration apparatus not using surrounding air (breathing apparatus) (DIN EN 133).

En - 01.12.10

Page: 6 by: 13

Safety Data Sheet

according to Regulation (EC) No.
1907/2006/Article 31 (REACH)

STALOC Bohr- und Schneidölspray SQ-680

Version: 1

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Product No.:

Revision date: 14.10.2013

Print date: 14/10/2013

Specification No.:

Hand protection

Suitable gloves type: Pull-over gloves of rubber.

Eye protection

Tightly sealed safety glasses.

Skin protection

Suitable protection of the body: Overall. Chemical resistant safety shoes.

Environmental exposure controls

-

Consumer exposure controls

Do not eat, drink, smoke or sneeze at the workplace. Wash hands before breaks and at the end of work.

Apply skin care products after work. Wash contaminated clothing prior to re-use.

8.3 Exposure scenario

-

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

State of matter:

Colour:

red

Odour:

none/none

Odour threshold:

No data available

Safety relevant basis data

	Parameter	Value	Unit	Remark
Density:		0,88	g/cm ³	
Package density:				No data available
pH:		8,4		
Melting point / range:				No data available
Boiling temperature / range:				No data available
Flash point:				No data available
Flammability:				No data available
Lower flammability limit:				No data available
Upper flammability limit:				No data available
Explosion hazard:				No data available
Lower explosion limit:		2,7	Vol-%	
Upper explosion limit:		18,6	Vol-%	
Ignition temperature:		235	°C	
Decomposition temperature:				No data available
Oxidizing characteristics:				No data available
Vapour pressure:		5500	hPa	
Relative vapour density:				No data available
Speed of vaporization/evaporation rate:		langsam		
Solubility in water:		beliebig		

En - 01.12.10

Page: 7 by: 13

Safety Data Sheet

according to Regulation (EC) No.
1907/2006/Article 31 (REACH)

STALOC Bohr- und Schneidölspray SQ-680

Version: 1

Language: EN

Product No.:

Revision date: 14.10.2013

Print date: 14/10/2013

Specification No.:

Fat solubility:

Solubility in

log P O/W (n-octanol / water):

Viscosity:

Solvent separation test:

Solvent content:

mischbar

ölig

417 g/l

No data available

No data available

No data available

No data available

9.2 Other information

none

10. Stability and reactivity

10.1 Reactivity

-

10.2 Chemical stability

-

10.3 Possibility of hazardous reactions

-

10.4 Conditions to avoid

heat. Keep away from sources of ignition - No smoking.

10.5 Incompatible materials

Oxidizing agents.

10.6 Hazardous decomposition products

Hazardous decomposition products: Carbon dioxide. Carbon monoxide.

10.7 Additional information

-

11. Toxicological information

11.1 Information on toxicological effects

-

Acute toxicity

Substance:	CAS-No.:	Toxicological information
Dimethylether	115-10-6	
Ethylene glycol	107-21-1	

Specific symptoms in laboratory animals

-

11.2 Irritation and etching

Irritant effect on the skin

-

En - 01.12.10

Page: 8 by: 13

Safety Data Sheetaccording to Regulation (EC) No.
1907/2006/Article 31 (REACH)

STALOC Bohr- und Schneidölspray SQ-680

Version: 1

Language: EN

Product No.:

Revision date: 14.10.2013

Print date: 14/10/2013

Specification No.:

Irritant effect on the eye

-

Irritant effect on the respiratory tract

-

Etching

-

11.3 Sensitization

-

11.4 Repeated dose toxicity

Harmful: danger of serious damage to health by prolonged exposure through inhalation. Harmful: danger of serious damage to health by prolonged exposure in contact with skin.

11.5 CMR effects

Carcinogenicity

-

Mutagenicity

-

Reproductive toxicity

-

11.6 General remarks

-

Practical experience

-

Other observations

-

Additional information

-

12. Ecological information**12.1 Toxicity**

-

Eco toxicity

Substance:	CAS-No.:	Ecotoxicity
Dimethylether	115-10-6	
Ethylene glycol	107-21-1	

12.2 Persistence and degradability

Product is partially biodegradable.

12.3 Bio accumulative potential

There are no data available on the mixture itself.

12.4 Mobility in soil

En - 01.12.10

Page: 9 by: 13



Safety Data Sheetaccording to Regulation (EC) No.
1907/2006/Article 31 (REACH)

STALOC Bohr- und Schneidölspray SQ-680

Version: 1

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Revision date: 14.10.2013

Print date: 14/10/2013

Specification No.:

Product is easily volatile. heavier than air

12.5 Results of PBT and vPvB assessment

-

12.6 Other adverse effects

There are no data available on the mixture itself.

12.7 Further ecological information

-

12.8 Further details

-

13. Disposal considerations**13.1 Waste treatment methods****Appropriate disposal/Product**

Waste disposal according to EC Directives 75/442/EEC and 91/689/EEC on waste and hazardous waste in their latest versions.

Appropriate disposal/ packaging

Cleaned containers may be recycled. Handle contaminated packaging in the same way as the substance itself.

Control report for waste code/ waste marking according to EAKV

-

Waste key product:**Waste key packaging:****Remark**

Waste disposal according to official state regulations.

14. Transport information**14.1 Overland transport (ADR/RID)****Proper Shipping name**

Druckgaspackungen

UN No.: 1950**Label:** 2.1**Packing Group:****Classification code:** 5F**Remark:** Limited quantity (LQ)**14.2 Transport by sea (IMDG)****Proper Shipping name**

Aerosols

UN-No.: 1950**Label:** 2.1**Packing Group:****EmS-No:** F-D,S-U**MFAG:****Marine pollutant:**

En - 01.12.10

Page: 10 by: 13

Safety Data Sheetaccording to Regulation (EC) No.
1907/2006/Article 31 (REACH)

STALOC Bohr- und Schneidölspray SQ-680

Version: 1

Language: EN

Product No.:

Revision date: 14.10.2013

Print date: 14/10/2013

Specification No.:

Special Provisions: -**Remark:** ZZZZ**14.3 Air transport (ICAO-TI / IATA-DGR)****Proper Shipping name**

Aerosols

UN/ID-No.: 1950**Label:** 2.1**Packing Group:****Remark:** -**14.4 Mail**

-

15. Regulatory information**15.1 Labelling****Hazardous component(s) for labelling**

Dimethylether

Special labelling of particular preparations

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15.2 Safety, health and environmental regulations/legislation specific for the substance or mixture**EU-Regulations****Directive 1999/13/EC on the limitation of emissions of volatile organic compounds (VOC-RL)**

-

Regulation (EC) No 2037/2000 on substances that deplete the ozone layer

-

Regulation (EC) No 850/2004 on persistent organic pollutants

-

Regulation (EC) No 689/2008 concerning the export and import of dangerous chemicals

-

Regulation (EC) No 648/2004 (Detergents regulation)

-

Restrictions under Title VIII of Regulation (EC) No 1907/2006

-

National regulations

Moreover, national legislation has to be observed!

Informations on working limitations

-

Major Accidents Ordinance

En - 01.12.10

Page: 11 by: 13

Safety Data Sheetaccording to Regulation (EC) No.
1907/2006/Article 31 (REACH)

STALOC Bohr- und Schneidölspray SQ-680

Version: 1

Language: EN

Product No.:

Revision date: 14.10.2013

Print date: 14/10/2013

Specification No.:

-

Storage class according to VCI

2 B Pressurized small gas containers (aerosol containers).

Water Hazard Class according to VwVwS

1 weak water pollutant (WGK 1)

Technical Instructions on Air Quality Control (TA-Luft)

-

Further regulations, limitations and legal requirements

-

15.3 Chemical safety assessment

For this preparation a chemical safety assessment has been carried out:

-

16. Other information**16.1 Wording of the H and R-phrases under paragraph 3****Regulation (EC) No 1272/2008**

224 Extremely flammable liquid and vapour.

302 Harmful if swallowed.

Directive 67/548/EEC

12 Extremely flammable.

22 Harmful if swallowed.

16.2 Training instructions

-

16.3 Recommended restrictions of use

-

16.4 Further remarks

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

16.5 Documentation of changes

-

16.6 Data sources

-

16.7 Key and definition

En - 01.12.10

Page: 12 by: 13

Safety Data Sheet

according to Regulation (EC) No.
1907/2006/Article 31 (REACH)

STALOC Bohr- und Schneidölspray SQ-680

Version: 1

Language: EN

Product No.:

Revision date: 14.10.2013

Print date: 14/10/2013

Specification No.:

-

17. Appendix

17.1 Exposure scenario

-

En - 01.12.10

Page: 13 by: 13