

Safety data sheet

according to ChemO 2015 – SR 813.11

Printing date 23.01.2018

Version number 1

Revision: 23.01.2018

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

1.1 Product identifier

Trade name: **Viscolub PT**

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

Application of the substance / the mixture Lubricant

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

VISCOTEX Schmiertechnik AG

Industriestrasse 19

CH-9450 Altstätten

Phone: +41 71 757 60 70

Further information obtainable from: info@viscotex.ch

1.4 Emergency telephone number:

Tox Info Suisse

emergency number 24h:

+41 (0)44 251 51 51 (from abroad) Short-No. 145 (from Switzerland only)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void.

Hazard pictograms Void**Signal word** Void**Hazard statements** Void

Additional information:

EUH208 Contains 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

2.3 Other hazards

No further relevant information available.

Results of PBT and vPvB assessment

PBT: According to current knowledge, the product contains no PBT substance.**vPvB:** According to current knowledge, the product contains no vPvB substance.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterization:

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 2682-20-4	2-methyl-2H-isothiazol-3-one	≤0.1%
EINECS: 220-239-6	Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1B, H314; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); Skin Sens. 1A, H317	

SVHC According to current knowledge no SVHC contained.**Additional information:** For the wording of the listed hazard phrases refer to section 16.

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SECTION 4: First aid measures

4.1 Description of first aid measures

General information: No special measures required.

After inhalation: Move individual to fresh air, seek medical advice in case of complaints.

After skin contact: Wash with plenty of soap and water.

After eye contact:

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

After swallowing: If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Protective equipment: No special measures required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Not required.

6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Pick up mechanically.

Dispose of the material collected according to regulations.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

No special measures required.

Avoid contact with the skin.

Information about fire - and explosion protection: No special measures required.

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7.2 Conditions for safe storage, including any incompatibilities**Storage:****Requirements to be met by storerooms and receptacles:** No special requirements.**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:**

Protect from frost.

Protect from heat and direct sunlight.

Keep ignition sources away - Do not smoke.

7.3 Specific end use(s) No further relevant information available.**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****56-81-5 glycerol**

MAK (Switzerland)	Short-term value: 100 e mg/m ³ Long-term value: 50 e mg/m ³ SSc;
AGW (Germany)	Long-term value: 200 E mg/m ³ 2 (I);DFG, Y

57-55-6 Methyl glycol

MAK (Germany)	als Dampf und Aerosol;vgl.Abschn.IIb und Xc
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2682-20-4 2-methyl-2H-isothiazol-3-one

MAK (Switzerland)	Short-term value: 0.4 e mg/m ³ Long-term value: 0.2 e mg/m ³ S SSc;
MAK (Germany)	vgl. Abschn. IIb und Xc

2634-33-5 1,2-benzisothiazol-3(2H)-one

MAK (Germany)	vgl.Abschn.IIb und Xc
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Additional information: The lists valid during the making were used as basis.**8.2 Exposure controls****Personal protective equipment:****Respiratory protection:** Not required.**Protection of hands:**

Avoid prolonged contact. Protective gloves recommended.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation (EN 374). Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Not required.

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Limitation and supervision of exposure into the environment

Do not allow to enter sewers/ surface or ground water.

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

Form:	gelatinous
Colour:	White
Odour:	Characteristic
Odour threshold:	Not determined.

pH-value: 9

Change in condition

Melting point/freezing point:	Not determined.
Initial boiling point and boiling range:	Not determined.

Flash point: Not determined.

Flammability (solid, gas): Not applicable.

Ignition temperature: Not determined.

Decomposition temperature: Not determined.**Auto-ignition temperature:** Product is not self-igniting.**Explosive properties:** Product does not present an explosion hazard.**Explosion limits:**

Lower:	Not determined.
Upper:	Not determined.

Oxidising properties: Not determined.**Vapour pressure:** Not determined.**Density:** Not determined.**Relative density:** Not determined.**Vapour density:** Not determined.**Evaporation rate:** Not determined.**Solubility in / Miscibility with****water:** Fully miscible.**Partition coefficient: n-octanol/water:** Not determined.**Viscosity:**

Dynamic:	Not determined.
Kinematic:	Not determined.

Solvent content:**VOCV (CH)** 0.00 %

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9.2 Other information

No further relevant information available.

SECTION 10: Stability and reactivity**10.1 Reactivity** No further relevant information available.**10.2 Chemical stability** No decomposition if used according to specifications.**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.**10.3 Possibility of hazardous reactions** No dangerous reactions known.**10.4 Conditions to avoid:** No further relevant information available.**10.5 Incompatible materials:** Strong oxidizing agents.**10.6 Hazardous decomposition products:** No dangerous decomposition products known.**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity** Based on the ingredients not classified as acute toxic.**Skin corrosion/irritation** No irritating effect.**Serious eye damage/irritation** No irritating effect.**Respiratory or skin sensitisation** Sensitisation possible through skin contact.**Germ cell mutagenicity** Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**STOT-single exposure** Based on available data, the classification criteria are not met.**STOT-repeated exposure** Based on available data, the classification criteria are not met.**Aspiration hazard** Based on available data, the classification criteria are not met.**SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:** Based on the ingredients not classified as harmful for the environment.**12.2 Persistence and degradability** No further relevant information available.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**12.5 Results of PBT and vPvB assessment****PBT:** According to current knowledge, the product contains no PBT substance.**vPvB:** According to current knowledge, the product contains no vPvB substance.**12.6 Other adverse effects** No further relevant information available.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation:

Do not allow product to reach ground water, water course or sewage system.
Recycle or dispose according to local regulations.

Ordinance of the Federal Department of the Environment, Transport, Energy and Communications (DETEC) on Lists for Waste Traffic (SR 814.610.1)

07 00 00	Abfälle aus organisch-chemischen Prozessen
07 06 00	Abfälle aus Herstellung, Zubereitung, Vertrieb und Anwendung von Fetten, Schmierstoffen, Seifen, Waschmitteln, Desinfektionsmitteln und Körperpflegemitteln
07 06 99	Abfälle anderswo nicht genannt

Uncleaned packaging

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number ADR/ADN, ADN, IMDG, IATA	Void
14.2 UN proper shipping name ADR/ADN, ADN, IMDG, IATA	Void
14.3 Transport hazard class(es) ADR/ADN, ADN, IMDG, IATA Class	Void
14.4 Packing group ADR/ADN, IMDG, IATA	Void
14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for user	Not applicable.
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
UN "Model Regulation":	Void

SECTION 15: Regulatory information

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

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

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National regulations:

Special handling regulations (follow-up obligations) of the chemical legislation:

No additional regulations.

Ordinance on Air Pollution Control (OAPC; SR 814.318.142.1) Annex 1:

The provisions of the Air Pollution Control (OAPC; SR 814.318.142.1) Annex 1 are to be complied with.

Ordinance on Protection against Major Accidents (Major Accidents Ordinance, MAO; SR 814.012) Annex 1:

Volume threshold according to MAO in kg: without limitation

(Source: FOEN - List 2015 - Volume thresholds in accordance with the Major Accidents Ordinance / Volume Threshold Calculator)

Chemical Risk Reduction Ordinance (ORRChem; SR 814.81):

The product contains no substances subject to authorization according to Annex 1.17 in concentrations $\geq 0.1\%$ w/w or above specific concentration limits (if $< 0.1\%$ w/w).

Chemical Risk Reduction Ordinance (ORRChem; SR 814.81):

The preparation or substances contained therein are not subject to any prohibition or restriction in accordance with Annexes 1 and 2.

Ordinance on Chemical Products (ChemO; SR 813.11):

The product contains no substances of very high concern according to Annex 3 in concentrations $\geq 0.1\%$ w/w.**Waterhazard class:** Water hazard class: class B (self classification)**OVOC (CH)** 0.00 %**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

The information and data given in this safety data sheet are based on the current state of our knowledge at the publishing date indicated in this safety data sheet. The safety data sheet shall give you indications for the safe storage, handling, transport and disposal of the mentioned product. The information and data do not apply for any other products than the one declared in this safety data sheet. The information and data in this safety data sheet provides the safety requirements, but do not represent an assurance of product specifications.

Relevant phrases

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H330 Fatal if inhaled.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOCV: Lenkungsabgabe auf flüchtigen organischen Verbindungen, Schweiz (Swiss Ordinance on volatile organic compounds)

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 2: Acute toxicity – Category 2

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Skin Sens. 1A: Skin sensitisation – Category 1A

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1