

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

Scheiben-Enteiser 500 mL
Art.: 6902

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

Relevant identified uses of the substance or mixture:
 Anti-freeze
 Sector or use [SU]:
 SU 3 - Industrial uses: Uses of substances as such or in preparations at industrial sites
 SU21 - Consumer uses: Private households (General public = consumers)
 SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
Chemical product category [PC]:
 PC 4 - Anti-freeze and de-icing products
Process category [PROC]:
 PROC 7 - Industrial spraying
 PROC 8a - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
 PROC 8b - Transfer of substance or mixture (charging and discharging) at dedicated facilities
 PROC 9 - Transfer of substance or mixture into small containers (dedicated filling line, including weighing)
 PROC11 - Non industrial spraying
Article Categories [AC]:
 AC99 - Not required.
Environmental Release Category [ERC]:
 ERC 8a - Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
 ERC 8d - Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)
Uses advised against:
 No information available at present.

1.3 Details of the supplier of the safety data sheet

LIQUI MOLY GmbH, Jerg-Wieland-Str. 4, 89081 Ulm-Lehr, Germany
 Phone: (+49) 0731-1420-0, Fax: (+49) 0731-1420-88

Qualified person's e-mail address: info@chemical-check.de, k.schnurbusch@chemical-check.de Please DO NOT use for requesting Safety Data Sheets.

1.4 Emergency telephone number

Emergency information services / official advisory body:

Telephone number of the company in case of emergencies:

+49 (0) 700 / 24 112 112 (LMRF)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Hazard class Hazard category Hazard statement

Flam. Liq. 2 H225-Highly flammable liquid and vapour.
 Eye Irrit. 2 H319-Causes serious eye irritation.

2.2 Label elements Labeling according to Regulation (EC) 1272/2008 (CLP)



Danger

H225-Highly flammable liquid and vapour. H319-Causes serious eye irritation.

P101-If medical advice is needed, have product container or label at hand. P102-Keep out of reach of children.

P210-Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233-Keep container tightly closed.

P280-Wear eye protection.

P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313-If eye irritation persists: Get medical advice / attention.

P501-Dispose of contents / container to an approved waste disposal facility.

2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006 (< 0.1 %).

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 (< 0.1 %).

SECTION 3: Composition/information on ingredients

Alcohol
 Glycol
 Aromatics
 Dyes

3.1 Substance

n.a.

3.2 Mixture

Substance with specific conc. limit(s) acc. to REACH-registration	Registration number (REACH)
...	603-002-00-5
...	200-578-6
...	64-17-5
...	80-90
Classification according to Regulation (EC) 1272/2008 (CLP)	
Flam. Liq. 2, H225	
Eye Irrit. 2, H319	

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

The substances named in this section are given with their actual, appropriate classification!

For substances that are listed in appendix VI, table 3.1 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

SECTION 4: First aid measures

Page 3 of 14
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 18.07.2019 / 0011
 Replacing version dated / version: 17.07.2018 / 0010
 Valid from: 18.07.2019
 PDF print date: 20.07.2019
 Scheibler-Enteiser 500 mL
 Art.: 6902

4.1 Description of first aid measures

First-aiders should ensure they are protected!

Never pour anything into the mouth of an unconscious person!

Inhalation

Remove person from danger area.
 Supply person with fresh air and consult doctor according to symptoms.
 Keep Data Sheet available.

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.

Eye contact

Remove contact lenses.

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

Ingestion

Rinse the mouth thoroughly with water.

Give copious water to drink - consult doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.

The following may occur:

- Irritation of the eyes
- Headaches
- Dizziness
- Narcotic effect.
- Effects/damages the central nervous system
- Ingestion of large quantities:
- Nausea
- Vomiting
- With long-term contact:
- Product removes fat.
- Dermatitis (skin inflammation)
- Irritation of the skin.
- In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours.

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
- Extinguishing powder
- Water; jet spray
- Large fire:
- Water; jet spray / alcohol resistant foam

Pressure increase will result in danger of bursting.

Unsuitable extinguishing media

High volume water jet

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can develop:

- Oxides of carbon
- Explosive vapour/air or gas/air mixtures.
- Dangerous vapours heavier than air.
- In case of spreading near the ground, flashback to distance sources of ignition is possible.

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes.
 Protective respirator with independent air supply.

Page 4 of 14
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 18.07.2019 / 0011
 Replacing version dated / version: 17.07.2018 / 0010
 Valid from: 18.07.2019
 PDF print date: 20.07.2019
 Scheibler-Enteiser 500 mL
 Art.: 6902

According to size of fire
 Full protection, if necessary.
 Cool container at risk with water.
 Dispose of contaminated extinguish 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.

6.2 Environmental precautions

If leakage occurs, dam up.

Resolve leaks if this possible without risk.

Do not pour down the drain unfiltered.

Prevent penetration into drains, cellars, working pits or other places in which accumulation could be hazardous.

6.3 Methods and material for containment and cleaning up

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

Flush residue using copious 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

7.1.1 General recommendations

Ensure good ventilation.

Suction measures at the workplace or on the processing machines required.

Keep away from sources of ignition - Do not smoke.

Take precautions against electrostatic charges.

Do not use on hot surfaces.

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.

7.1.2 Notes on general hygiene measures at the workplace

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

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

7.2 Conditions for safe storage, including any incompatibilities

Keep out of access to unauthorised individuals.

Observe special storage conditions.

Store product closed and only in original packing.

Not to be stored in gangways or stair wells.

Do not store with flammable or self-igniting materials.

Solvent resistant floor

Store cool.

Protect from direct sunlight and warming.

Store in a well ventilated place.

7.3 Specific end use(s)

No information available at present.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Chemical Name	Ethanol	Content %: 80-90
WEL-TWA: 1000 ppm (1920 mg/m ³)	WEL-STEL: ---	---
Monitoring procedures:		
-	Compur - KITA-104 SA (549.210)	
-	Draeger - Alcohol 25/a Ethanol (81 01 631)	
-	DFG (D) (Lösungsmittelmische) Methode Nr. 6 DFG (E) (Solvent mixtures) - 1998,	
-	2002 - EU project BC/CEN/TR/000/2002-16 card 63-2 (2004)	
BMGV: ---	Other information: ---	
Chemical Name	Propane-1,2-diol	Content %:
WEL-TWA: 150 ppm (474 mg/m ³) (total vapour and particulates) 10 mg/m ³ (particulates)	WEL-STEL: ---	---
Monitoring procedures:		
-	Draeger - Alcohol 100/a (CH 29 701)	
BMGV: ---	Other information: ---	

Area of application	Exposure route / Environmental compartment	Effect on health	Descriptor	Value	Unit	Note
	Environment - freshwater		PNEC	0,96	mg/l	
	Environment - marine		PNEC	0,79	mg/l	
	Environment - water, sporadic (intermittent) release		PNEC	2,75	mg/l	
Consumer	Environment - sewage treatment plant		PNEC	580	mg/l	
Consumer	Environment - sediment, freshwater		PNEC	3,6	mg/kg	
Consumer	Environment - soil		PNEC	0,63	mg/kg dry weight	
Consumer	Environment - oral (animal feed)		PNEC	0,38	g/kg feed	
Consumer	Environment - sediment, marine		PNEC	2,9	mg/kg dry weight	
Consumer	Human - dermal	Short term, local effects	DNEL	950	mg/m ³	
Consumer	Human - inhalation	Long term, systemic effects	DNEL	114	mg/m ³	
Consumer	Human - oral	Long term, systemic effects	DNEL	87	mg/kg	
Consumer	Human - dermal	Long term, systemic effects	DNEL	206	mg/kg bw/d	
Consumer	Human - inhalation	Short term, local effects	DNEL	950	mg/m ³	
Workers / employees	Human - dermal	Long term, systemic effects	DNEL	343	mg/kg bw/d	
Workers / employees	Human - inhalation	Long term, systemic effects	DNEL	950	mg/m ³	
Workers / employees	Human - inhalation	Short term, local effects	DNEL	1900	mg/m ³	

Area of application	Exposure route / Environmental compartment	Effect on health	Descriptor	Value	Unit	Note
	Environment - freshwater		PNEC	260	mg/l	
	Environment - marine		PNEC	26	mg/l	
	Environment - sewage treatment plant		PNEC	20000	mg/l	
	Environment - sediment, freshwater		PNEC	572	mg/kg	

Environment - sediment, marine	PNEC	57,2	mg/kg
Environment - soil	PNEC	50	mg/kg
Environment - water, sporadic (intermittent) release	PNEC	183	mg/l
Human - dermal	DNEL	213	mg/kg
Human - inhalation	DNEL	50	mg/m ³
Human - oral	DNEL	85	mg/kg
Human - inhalation	DNEL	10	mg/m ³
Human - inhalation	DNEL	168	mg/m ³
Workers / employees	DNEL	10	mg/m ³

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40, AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany).

(8) = Inhalable fraction (2017/164/EU, 2017/2398/EU), (9) = Respirable fraction (2017/164/EU, 2017/2398/EU), | WEL-STEL = Workplace

Exposure Limit - Short-term exposure limit (15-minute reference period),

(8) = Inhalable fraction (2017/164/EU, 2017/2398/EU), (9) = Respirable fraction (2017/164/EU, 2017/2398/EU), (10) = Short-term exposure limit

value in relation to a reference period of 1 minute (2017/164/EU), | BMGV = Biological monitoring guidance value EH40, BGW = "Biologischer

Grenzwert" (biological limit value, Germany) | 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 repeated 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.

Suitable assessment methods for reviewing the effectiveness of protection measures adopted include metrological and non-metrological

investigative techniques.

These are specified by e.g. BS EN 14042.

BS EN 14042 "Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and

biological agents".

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:

Solvent resistant protective gloves (EN 374).

If applicable

Safety gloves made of butyl (EN 374)

Minimum layer thickness in mm:

0,7

Permeation time (penetration time) in minutes:

> 480

Protective Neoprene® / polychloroprene gloves (EN 374).

Protective PVC gloves (EN 374)

Protective hand cream recommended.

The breakthrough times determined in accordance with EN 16523-1 were not obtained under practical conditions.

The recommended maximum wearing time is 50% of breakthrough time.

Skin protection - Other:

Page 7 of 14
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 18.07.2019 / 0011
 Replacing version dated / version: 17.07.2018 / 0010
 Valid from: 18.07.2019
 PDF print date: 20.07.2019
 Scheibeh-Enteiser 500 mL
 Art.: 6902

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

Respiratory protection:
 If OES or MEL is exceeded,
 Gas mask filter A (EN 14387), code colour brown
 With long-term contact:
 Respiratory protection appliance (insulation device) (e.g. EN 137 or EN 138)
 Observe wearing time limitations for respiratory protection equipment.

Thermal hazards:
 Not applicable

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

9.1 Information on basic physical and chemical properties

Physical state: Liquid
 Colour: Blue
 Odour: Alcoholic
 Odour threshold: Not determined
 pH-value: 5,8 (20 °C)
 Melting point/freezing point: Not determined
 Initial boiling point and boiling range: 78 °C
 Flash point: 13 °C
 Evaporation rate: Not determined
 Flammability (solid, gas): n.a.
 Lower explosive limit: 3,5 Vol-%
 Upper explosive limit: 15 Vol-%
 Vapour pressure: 59 hPa (20°C)
 Vapour density (air = 1): Not determined
 Density: 0,831 g/ml (20°C)
 Bulk density: n.a.
 Solubility(ies): Not determined
 Water solubility: Mixable
 Partition coefficient (n-octanol/water): Not determined
 Auto-ignition temperature: 371 °C (Ignition temperature)
 n.a.
 Decomposition temperature: Not determined
 Viscosity: Not determined
 Explosive properties: Product is not explosive. When using: development of explosive vapour/air mixture possible.
 No

9.2 Other information

Oxidising properties:
 Not determined
 Miscibility: Not determined
 Fat solubility / solvent: Not determined
 Conductivity: Not determined
 Surface tension: Not determined
 Solvents content: 96,1 %

SECTION 10: Stability and reactivity

Page 8 of 14
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 18.07.2019 / 0011
 Replacing version dated / version: 17.07.2018 / 0010
 Valid from: 18.07.2019
 PDF print date: 20.07.2019
 Scheibeh-Enteiser 500 mL
 Art.: 6902

10.1 Reactivity

The product has not been tested.

10.2 Chemical stability

Stable with proper storage and handling.

10.3 Possibility of hazardous reactions

No decomposition if used as intended.

10.4 Conditions to avoid

See also section 7.

Heating, open flame, ignition sources

Electrostatic charge

10.5 Incompatible materials

See also section 7.

Avoid contact with strong oxidizing agents.

Avoid contact with strong acids.

10.6 Hazardous decomposition products

See also section 5.2

No decomposition when used as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Possibly more information on health effects, see Section 2.1 (classification).

Scheibeh-Enteiser 500 mL

Art.: 6902

Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
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 sensitisation:						n.d.a.
Germ cell mutagenicity:						n.d.a.
Carcinogenicity:						n.d.a.
Reproductive toxicity:						n.d.a.
Specific target organ toxicity - single exposure (STOT-SE):						n.d.a.
Specific target organ toxicity - repeated exposure (STOT-RE):						n.d.a.
Aspiration hazard:						n.d.a.
Symptoms:						n.d.a.
Other information:						Classification according to calculation procedure.

Ethanol

Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	10470	mg/kg	Rat	OECD 401 (Acute Oral Toxicity)	
Acute toxicity, by dermal route:	LD50	>2000	mg/kg	Rabbit	OECD 402 (Acute Dermal Toxicity)	
Acute toxicity, by inhalation:	LC50	124,7	mg/l/4h	Rat	OECD 403 (Acute Inhalation Toxicity)	
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosion)	Not irritant
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosion)	Irritant

Page 11 of 14
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 18.07.2019 / 0011
 Replacing version dated / version: 17.07.2018 / 0010
 Valid from: 18.07.2019
 PDF print date: 20.07.2019
 Scheibeh-Enteiser 500 mL
 Art.: 6902

Other information:	COD	1,9	g/g		
Other information:	BOD5	1	g/g		
Propane-1,2-diol					
Toxicity / effect	Endpoint	Time	Value	Unit	Notes
12.1. Toxicity to fish:	LC50	96h	40613	mg/l	OECD 203 (Fish, Acute Toxicity Test)
12.1. Toxicity to daphnia:	LC50	48h	18340	mg/l	OECD 202 (Daphnia sp. Acute Immobilisation Test)
12.1. Toxicity to daphnia:	NOEC/NOEL	7d	13020	mg/l	Ceriodaphnia spec.
12.1. Toxicity to algae:	EC50	48h	19000	mg/l	Pseudokirchneriell a subcapitata
12.2. Persistence and degradability:		28d	81,7	%	OECD 301 F (Ready Biodegradability - Manometric Respirometry Test)
12.3. Bioaccumulative potential:	BCF		0,09		
Toxicity to bacteria:	NOEC/NOEL	18h	>20000	mg/l	Pseudomonas putida
Other information:	COD		1585	mg/g	

SECTION 13: Disposal considerations

13.1 Waste treatment methods

For the substance / mixture / residual amounts

EC disposal code no.:
 Owing to the user's specific conditions based on the scheduled use of this product, allocated under certain circumstances, (2014/955/EU) other waste codes may be 07 01 04 other organic solvents, washing liquids and mother liquors 14 06 03 other solvents and solvent mixtures

Recommendation:

Seawage disposal shall be discouraged.
 Pay attention to local and national official regulations.
 Implement substance recycling.
 E.g. suitable incineration plant.
For contaminated packing material
 Pay attention to local and national official regulations.
 Empty container completely.

Uncontaminated packaging can be recycled.
 Dispose of packaging that cannot be cleaned in the same manner as the substance.
 Residues may present a risk of explosion.
 Recommended cleaner:
 Water

SECTION 14: Transport information

General statements

14.1. UN number: 1170

Transport by road/by rail (ADR/RID)

14.2. UN proper shipping name:

Page 12 of 14
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 18.07.2019 / 0011
 Replacing version dated / version: 17.07.2018 / 0010
 Valid from: 18.07.2019
 PDF print date: 20.07.2019
 Scheibeh-Enteiser 500 mL
 Art.: 6902

UN 1170 ETHANOL SOLUTION	3	
14.3. Transport hazard class(es):	II	
14.4. Packing group:	1 L	
Classification code:	Not applicable	
14.5. Environmental hazards:	D/E	
Tunnel restriction code:		
Transport by sea (IMDG-code)		
14.2. UN proper shipping name:	3	
ETHANOL SOLUTION	F-E, S-D	
14.3. Transport hazard class(es):	n.a	
14.4. Packing group:	Not applicable	
EmS:		
Mainne Pollutant:		
14.5. Environmental hazards:		
Transport by air (IATA)		
14.2. UN proper shipping name:	3	
Ethanol solution	II	
14.3. Transport hazard class(es):	Not applicable	
14.4. Packing group:		
14.5. Environmental hazards:		

14.6. 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.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Freighted as packaged goods rather than in bulk, therefore not applicable.
 Minimum amount regulations have not been taken into account.
 Danger code and packing code on request.
 Comply with special provisions.

SECTION 15: Regulatory information

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

Observe restrictions:
 Comply with national regulations/laws governing the protection of young people at work (national implementation of the Directive 94/33/EC)
 Comply with trade association/occupational health regulations.

Directive 2012/18/EU ("Seveso III"), Annex I, Part 1 - The following categories apply to this product (others may also need to be considered according to storage, handling etc.):

Hazard categories	Notes to Annex I	Qualifying quantity (tonnes) of dangerous substances as referred to in Article 3(10) for the application of - Lower-tier requirements	Qualifying quantity (tonnes) of dangerous substances as referred to in Article 3(10) for the application of - Upper-tier requirements
P5c		5000	50000

The Notes to Annex 1 of Directive 2012/18/EU, in particular those named in the tables here and notes 1-6, must be taken into account when assigning categories and qualifying quantities.

Directive 2010/75/EU (VOC):

REGULATION (EC) No 648/2004

perflumes
 LIMONENE

15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

~ 96 %

SECTION 16: Other information

Page 13 of 14
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 18.07.2019 / 0011
 Replacing version dated / version: 17.07.2018 / 0010
 Valid from: 18.07.2019
 PDF print date: 20.07.2019
 Scheibler-Enteiser 500 mL
 Art.: 6902

Revised sections: 2
 Employee training in handling dangerous goods is required.
 These details refer to the product as it is delivered.
 Employee instruction/training in handling hazardous materials is required.

Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):

Classification in accordance with regulation (EG) No. 1272/2008 (CLP)	Evaluation method used
Flam. Liq. 2, H225	Classification based on test data
Eye Irrit. 2, H319	Classification according to calculation procedure.

The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3).
 H225 Highly flammable liquid and vapour.
 H319 Causes serious eye irritation.

Flam. Liq. — Flammable liquid
 Eye Irrit. — Eye irritation

Any abbreviations and acronyms used in this document:

acc., acc. to according, according to
 ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road)
 AOX Adsorbable organic halogen compounds
 approx. approximately
 Art., Art. no. Article number
 ASTM ASTM International (American Society for Testing and Materials)
 BAM Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany)
 BAuA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany)
 BSEF The International Bromine Council
 bw body weight
 CAS Chemical Abstracts Service
 CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)
 CMR carcinogenic, mutagenic, reproductive toxic
 DMEL Derived/Minimum Effect Level
 DNEL Derived No Effect Level
 dw dry weight
 e.g. for example (abbreviation of Latin 'exempli gratia'), for instance
 EC European Community
 ECHA European Chemicals Agency
 EEC European Economic Community
 EINECS European Inventory of Existing Commercial Chemical Substances
 ELINCS European List of Notified Chemical Substances
 EN European Norms
 EPA United States Environmental Protection Agency (United States of America)
 etc. et cetera
 EU European Union
 EVAL Ethylene-vinyl alcohol copolymer
 Fax. Fax number
 gen. general
 GHS Globally Harmonized System of Classification and Labelling of Chemicals
 GWP Global warming potential
 IARC International Agency for Research on Cancer

Page 14 of 14
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 18.07.2019 / 0011
 Replacing version dated / version: 17.07.2018 / 0010
 Valid from: 18.07.2019
 PDF print date: 20.07.2019
 Scheibler-Enteiser 500 mL
 Art.: 6902

IATA International Air Transport Association
 IBC (Code) International Bulk Chemical (Code)
 IMDG-code International Maritime Code for Dangerous Goods
 incl. including, inclusive
 IUCLID International Uniform Chemical Information Database
 LO Limited Quantities
 MARPOL International Convention for the Prevention of Marine Pollution from Ships

n.a. not applicable
 n.av. not available
 n.c. not checked
 n.d.a. no data available
 OECD Organisation for Economic Co-operation and Development
 org. organic
 PBT persistent, bioaccumulative and toxic
 PE Polyethylene
 PNEC Predicted No Effect Concentration
 ppm parts per million
 PVC Polyvinylchloride
 REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals)
 REACH-IT List-No. 9xxx-xxxx No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical identifier. List Numbers do not have any legal significance, rather they are purely technical identifiers for processing a submission via REACH-IT.
 RID Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the International Carriage of Dangerous Goods by Rail)
 SVHC Substances of Very High Concern
 Tel. Telephone
 UN RTDG United Nations Recommendations on the Transport of Dangerous Goods
 VOC Volatile organic compounds
 vPvB very persistent and very bioaccumulative
 wwT wet weight

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.
 These statements were made by
Chemical Check GmbH, Chemical Check Platz 1-7, D-32839 Steinheim, Tel.: +49 5233 94 17 0, Fax: +49 5233 94 17 90

© by Chemical Check GmbH, Gefahrstoffberatung. The copying or changing of this document is forbidden except with consent of the Chemical Check GmbH Gefahrstoffberatung.