



Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
Revision date / version: 07.05.2019 / 0010  
Replacing version dated / version: 21.08.2015 / 0009  
Valid from: 07.05.2019  
PDF print date: 07.05.2019  
Schrauben-Sicherung mittelfest 50 g  
Art.: 3802

## 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

#### Schrauben-Sicherung mittelfest 50 g

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

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

Sector of 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 1 - Adhesives, sealants  
Process category (PROC):  
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)  
PROC10 - Roller application or brushing  
Article Categories (AC):  
AC99 - Not required.  
Environmental Release Category (ERC):  
ERC 4 - Use of non-reactive processing aid at industrial site (no inclusion into or onto article)  
ERC 7 - Use of functional fluid at industrial site  
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) 700 124 112 112 (LMR)

### SECTION 2: Hazards identification

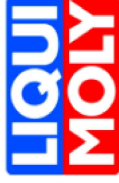
#### 2.1 Classification of the substance or mixture

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

The mixture is not classified as dangerous in the terms of the Regulation (EC) 1272/2008 (CLP).

#### 2.2 Label elements

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



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Not applicable

#### 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

#### 3.1 Substance

n.a.

#### 3.2 Mixture

Registration number (REACH)	***
Index	***
EINECS, ELINCS, NLP	***
CAS	***
content %	***
Classification according to Regulation (EC) 1272/2008 (CLP)	***

Impurities, test data and additional information may have been taken into account in classifying and labelling the product.

### SECTION 4: First aid measures

#### 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.

##### 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.  
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

Cool container at risk with water.  
Water jet spray/foam/CO2/dry extinguisher

##### 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:

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Oxides of carbon  
 Oxides of nitrogen  
 Toxic gases  
**5.3 Advice for firefighters**  
 In case of fire and/or explosion do not breathe fumes.  
 Protective respirator with independent air supply.  
 According to size of fire  
 Full protection, if necessary.  
 Dispose of contaminated extinction water according to official regulations.

### SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures**  
 Ensure sufficient supply of air.  
 Avoid contact with eyes or skin.  
**6.2 Environmental precautions**  
 If leakage occurs, dam up.  
 Resolve leaks if this possible without risk.  
 Prevent from entering drainage system.  
 Prevent surface and ground-water infiltration, as well as ground penetration.  
**6.3 Methods and material for containment and cleaning up**  
 Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth) 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.  
 Avoid contact with eyes or skin.  
 Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.  
 Observe directions on label and instructions for use.  
**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.  
 Keep away from food, drink and animal feedstuffs.  
 Remove contaminated clothing and protective equipment before entering areas in which food is consumed.  
**7.2 Conditions for safe storage, including any incompatibilities**  
 Not to be stored in gangways or stair wells.  
 Store product closed and only in original packing.  
 Do not store with oxidizing agents.  
 Store in a well-ventilated place.  
 Protect from direct sunlight and warming.  
 Protect from humidity.  
 Protect from frost.  
 Recommended storage temperature:  
 20 °C  
**7.3 Specific end uses(s)**  
 No information available at present.

### SECTION 8: Exposure controls/personal protection

**8.1 Control parameters**

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<b>Chemical Name</b>	Diethyl phthalate	<b>Content %:</b>	---
<b>WEL-TWA</b>	5 mg/m <sup>3</sup>	<b>WEL-STEL</b>	10 mg/m <sup>3</sup>
<b>Monitoring procedures:</b>	---		
<b>BMGV:</b>	---	<b>Other information:</b>	---

Diethyl phthalate	Exposure route / Environmental compartment	Effect on health	Descriptor	Value	Unit	Note
	Environment - freshwater		PNEC	12	µg/l	
	Environment - water, sporadic (intermittent) release		PNEC	1,2	µg/l	
	Environment - soil		PNEC	120	µg/l	
	Environment - sediment, freshwater		PNEC	0,137	mg/kg dw	
	Environment - sediment, marine		PNEC	0,137	mg/kg dw	
	Environment - sewage treatment plant		PNEC	0,0137	mg/kg dw	
Consumer	Human - oral		PNEC	2000	µg/l	
Consumer	Human - inhalation	Short term, systemic effects	DNEL	3,75	mg/kg bw/day	
Consumer	Human - dermal	Short term, systemic effects	DNEL	13	mg/m <sup>3</sup>	
Consumer	Human - inhalation	Short term, systemic effects	DNEL	3,75	mg/kg bw/day	
Consumer	Human - dermal	Short term, local effects	DNEL	13	mg/m <sup>3</sup>	
Consumer	Human - inhalation	Short term, local effects	DNEL	0,0084	mg/cm <sup>2</sup>	
Consumer	Human - oral	Long term, systemic effects	DNEL	0,75	mg/kg bw/day	
Consumer	Human - inhalation	Long term, systemic effects	DNEL	2,6	mg/m <sup>3</sup>	
Consumer	Human - dermal	Long term, systemic effects	DNEL	0,75	mg/kg bw/day	
Consumer	Human - inhalation	Long term, local effects	DNEL	2,6	mg/m <sup>3</sup>	
Consumer	Human - dermal	Long term, local effects	DNEL	0,0042	mg/cm <sup>2</sup>	
Workers / employees	Human - inhalation	Short term, systemic effects	DNEL	52,8	mg/m <sup>3</sup>	
Workers / employees	Human - dermal	Short term, systemic effects	DNEL	7,5	mg/kg bw/day	
Workers / employees	Human - inhalation	Short term, local effects	DNEL	52,8	mg/m <sup>3</sup>	
Workers / employees	Human - dermal	Short term, local effects	DNEL	0,017	mg/cm <sup>2</sup>	
Workers / employees	Human - inhalation	Long term, systemic effects	DNEL	10,56	mg/m <sup>3</sup>	
Workers / employees	Human - dermal	Long term, systemic effects	DNEL	1,5	mg/kg bw/day	
Workers / employees	Human - inhalation	Long term, local effects	DNEL	10,56	mg/m <sup>3</sup>	
Workers / employees	Human - dermal	Long term, local effects	DNEL	0,0084	mg/cm <sup>2</sup>	

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.

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\*\* = 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:

Chemical resistant protective gloves (EN 374).

Recommended:

Safety gloves made of fluorocarbon rubber (EN 374).

Minimum layer thickness in mm:

0,4

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:

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

Respiratory protection:

Normally not necessary.

In aerosol misting.

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

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 or 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

Blue

Colour:

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Odour: Characteristic  
 Odour threshold: Not determined  
 pH-value: Not determined  
 Melting point/freezing point: Not determined  
 Initial boiling point and boiling range: Not determined  
 Flash point: Does not maintain combustion.  
 Evaporation rate: Not determined  
 Flammability (solid, gas): Not determined  
 Lower explosive limit: Not determined  
 Upper explosive limit: Not determined  
 Vapour pressure: Not determined  
 Vapour density (air = 1): Not determined  
 Density: 1,1 g/cm<sup>3</sup>  
 Bulk density: n.a.  
 Solubility(ies): Not determined  
 Water solubility: Not miscible  
 Partition coefficient (n-octanol/water): Not determined  
 Auto-ignition temperature: Not determined  
 Decomposition temperature: Not determined  
 Viscosity: 1000 mPa.s (25°C, Brookfield)

Explosive properties: n.a.  
 Oxidising properties: No

## 9.2 Other information

Miscibility: Not determined

Fat solubility / solvent: Not determined

Conductivity: Not determined

Surface tension: Not determined

Solvents content: Not determined

## SECTION 10: Stability and reactivity

### 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 dangerous reactions are known.

### 10.4 Conditions to avoid

See also section 7.

Strong heat

### 10.5 Incompatible materials

See also section 7.

Alkali metals

Peroxides

Oxidizing agents

Reducing agent

### 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).

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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 (STOI-SE):					n.d.a.
Specific target organ toxicity - repeated exposure (STOT-RE):					n.d.a.
Aspiration hazard:					n.d.a.
Symptoms:					n.d.a.
<b>Diethyl phthalate</b>					
<b>Toxicity / effect</b>	<b>Endpoint</b>	<b>Value</b>	<b>Unit</b>	<b>Organism</b>	<b>Notes</b>
Acute toxicity, by oral route:	LD50	8600	mg/kg	Rat	
Acute toxicity, by dermal route:	LD50	>10	mg/kg	Rat	
Skin corrosion/irritation:				Rabbit	Not irritant
Serious eye damage/irritation:				Rabbit	Mild irritant
Respiratory or skin sensitisation:				Mouse	Not sensitizing
Respiratory or skin sensitisation:				Guinea pig	Not sensitizing
Germ cell mutagenicity:					Negative
Germ cell mutagenicity:					Negative
Germ cell mutagenicity:					Negative
Germ cell mutagenicity:					Negative
Germ cell mutagenicity:					Negative
Carcinogenicity:	NOAEL	1015	mg/kg bw/d	Rat	
Reproductive toxicity:	NOAEL	15000	ppm	Rat	
Specific target organ toxicity - repeated exposure (STOT-RE):	NOAEL	150	mg/kg	Rat	abdominal pain, unconsciousness, diarrhoea, coughing, watering eyes, nausea and vomiting.
Symptoms:					

### SECTION 12: Ecological information

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

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Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.1. Toxicity to fish							n.d.a.
12.1. Toxicity to daphnia							n.d.a.
12.1. Toxicity to algae:							n.d.a.

12.2. Persistence and degradability:					n.d.a.		
12.3. Bioaccumulative potential:					n.d.a.		
12.4. Mobility in soil:					n.d.a.		
12.5. Results of PBT and vPvB assessment:					n.d.a.		
12.6. Other adverse effects:					n.d.a.		
<b>Diethyl phthalate</b>							
<b>Toxicity / effect</b>	<b>Endpoint</b>	<b>Time</b>	<b>Value</b>	<b>Unit</b>	<b>Organism</b>	<b>Test method</b>	<b>Notes</b>
12.1. Toxicity to fish:	LC50	48h	61	mg/l	Leuciscus idus		
12.1. Toxicity to fish:	LC50	96h	12	mg/l	Oncorhynchus mykiss		
12.1. Toxicity to daphnia:	NOEC/NOEL	21d	25	mg/l	Daphnia magna		
12.1. Toxicity to daphnia:	LC50	24h	52	mg/l	Daphnia magna		
12.1. Toxicity to algae:	EC50	72h	23	mg/l	Scenedesmus subspicatus	DIN 38412 T,9	
12.2. Persistence and degradability:		28d	94,6	%		U.S. EPA ECOTOX Database	Completely biodegradable, 41°C, pH 7,5
12.3. Bioaccumulative potential:	Log Pow		2,2				
12.3. Bioaccumulative potential:	BCF		13,14				
12.4. Mobility in soil:	Log Koc		2,34			OECD 121 (Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using HPLC)	21°C
Toxicity to bacteria:	EC20	30min	400	mg/l	activated sludge		
Other organisms:	EC50	7d	106	mg/kg	Lactuca sativa	ISO 8192	
Other organisms:	LC50	48h	0,85	mg/cm2	Eisenia foetida	OECD 208 (Terrestrial Plants, Growth Test)	
Other organisms:						OECD 207 (Earthworm, Acute Toxicity Tests)	

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### For the substance / mixture / residual amounts

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. (2014/655/EU)  
 08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

Recommendation:  
 Sewage disposal shall be discouraged.  
 Pay attention to local and national official regulations.  
 E.g. suitable incineration plant.  
 E.g. dispose at suitable refuse site.

#### For contaminated packaging 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.

## SECTION 14: Transport information

### General statements

14.1. UN number: n.a.

### Transport by road/by rail (ADR/RID)

14.2. UN proper shipping name: n.a.  
 14.3. Transport hazard class(es): n.a.  
 14.4. Packing group: n.a.  
 Classification code: n.a.  
 LO: Not applicable  
 14.5. Environmental hazards: n.a.

### Tunnel restriction code:

14.2. UN proper shipping name: n.a.

14.3. Transport hazard class(es): n.a.

14.4. Packing group: n.a.

14.5. Environmental hazards: n.a.

Not applicable

Not applicable

Not applicable

Not applicable

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Not applicable

acc. acc. to according, according to  
 ACGH American Conference of Governmental Industrial Hygienists  
 ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 AOEL Acceptable Operator Exposure Level  
 AOX Adsorbable organic halogen compounds  
 approx. approximately  
 Art. Art. no. Article number  
 ATE Acute Toxicity Estimate according to Regulation (EC) 1272/2008 (CLP)  
 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)  
 BCF Bioconcentration factor  
 BGV Berufsgenossenschaftliche Vorschrift (= Accident Prevention Regulation)  
 BMGV Biological monitoring guidance value (EH40, UK)  
 BOD Biochemical oxygen demand  
 BSEF Bromine Science and Environmental Forum  
 bw body weight  
 CAS Chemical Abstracts Service  
 CEC Coordinating European Council for the Development of Performance Tests for Fuels, Lubricants and Other Fluids  
 CESIO Comité Européen des Agents de Surface et de leurs Intermédiaires Organiques  
 CIPAC Collaborative International Pesticides Analytical Council  
 CLP Classification, Labelling and Packaging (REGULATION) (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)  
 CMR carcinogenic, mutagenic, reproductive toxic  
 COD Chemical oxygen demand  
 CTFA Cosmetic, Toiletry, and Fragrance Association  
 DMEL Derived Minimum Effect Level  
 DNEL Derived No Effect Level  
 DOC Dissolved organic carbon  
 DT50 Dwell Time - 50% reduction of start concentration  
 DVS Deutscher Verband für Schweißen und verwandte Verfahren e.V. (= German Association for Welding and Allied Processes)  
 dw dry weight  
 e.g. for example (abbreviation of Latin 'exempli gratia'), for instance  
 EC European Community  
 ECHA European Chemicals Agency  
 EEA European Economic Area  
 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)  
 ERC Environmental Release Categories  
 ES Exposure scenario  
 etc. et cetera  
 EU European Union  
 EWC European Waste Catalogue  
 Fax. Fax number  
 gen. general  
 GHS Globally Harmonized System of Classification and Labelling of Chemicals  
 GWP Global warming potential  
 HET-CAM Hen's Egg Test - Chorioallantoic Membrane  
 HGWP Halocarbon Global Warming Potential  
 IARC International Agency for Research on Cancer  
 IATA International Air Transport Association  
 IBC Intermediate Bulk Container  
 IBC (Code) International Bulk Chemical (Code)  
 IC Inhibitory concentration  
 IMDG-code International Maritime Code for Dangerous Goods  
 incl. including, inclusive  
 IUCLID International Uniform Chemical Information Database  
 LC lethal concentration  
 LC50 lethal concentration 50 percent kill

## SECTION 14: Transport information

### General statements

14.1. UN number: n.a.

### Transport by road/by rail (ADR/RID)

14.2. UN proper shipping name: n.a.  
 14.3. Transport hazard class(es): n.a.  
 14.4. Packing group: n.a.  
 Classification code: n.a.  
 LO: Not applicable  
 14.5. Environmental hazards: n.a.

### Tunnel restriction code:

14.2. UN proper shipping name: n.a.

14.3. Transport hazard class(es): n.a.

14.4. Packing group: n.a.

14.5. Environmental hazards: n.a.

Not applicable

Not applicable

Not applicable

Not applicable

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Not applicable

Not applicable

Not applicable

Not applicable

Not applicable

Not applicable

Not applicable

## SECTION 14: Transport information

### General statements

14.1. UN number: n.a.

### Transport by road/by rail (ADR/RID)

14.2. UN proper shipping name: n.a.  
 14.3. Transport hazard class(es): n.a.  
 14.4. Packing group: n.a.  
 Classification code: n.a.  
 LO: Not applicable  
 14.5. Environmental hazards: n.a.

### Tunnel restriction code:

14.2. UN proper shipping name: n.a.

14.3. Transport hazard class(es): n.a.

14.4. Packing group: n.a.

14.5. Environmental hazards: n.a.

Not applicable

Not applicable

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## SECTION 14: Transport information

### General statements

14.1. UN number: n.a.

### Transport by road/by rail (ADR/RID)

14.2. UN proper shipping name: n.a.  
 14.3. Transport hazard class(es): n.a.  
 14.4. Packing group: n.a.  
 Classification code: n.a.  
 LO: Not applicable  
 14.5. Environmental hazards: n.a.

### Tunnel restriction code:

14.2. UN proper shipping name: n.a.

14.3. Transport hazard class(es): n.a.

14.4. Packing group: n.a.

14.5. Environmental hazards: n.a.

Not applicable

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## SECTION 14: Transport information

### General statements

14.1. UN number: n.a.

### Transport by road/by rail (ADR/RID)

14.2. UN proper shipping name: n.a.  
 14.3. Transport hazard class(es): n.a.  
 14.4. Packing group: n.a.  
 Classification code: n.a.  
 LO: Not applicable  
 14.5. Environmental hazards: n.a.

### Tunnel restriction code:

14.2. UN proper shipping name: n.a.

14.3. Transport hazard class(es): n.a.

14.4. Packing group: n.a.

14.5. Environmental hazards: n.a.

Not applicable

Not applicable

(8)	<p>Page 11 of 11          Safety data sheet according to Regulation (EC) No 1907/2006, Annex II          Revision date / version: 07.05.2019 / 0010          Replacing version dated / version: 21.06.2015 / 0009          Valid from: 07.05.2019          PDF print date: 07.05.2019          Schrauben-Sicherung mittelfest 50 g          Art.: 3802</p>
LC <sub>50</sub>	lowest published lethal concentration
LD	Lethal Dose of a chemical
LD <sub>50</sub>	Lethal Dose, 50% kill
LD <sub>Lo</sub>	Lethal Dose Low
LOAEL	Lowest Observed Adverse Effect Level
LOEC	Lowest Observed Effect Concentration
LOEL	Lowest Observed Effect Level
LQ	Limited Quantities
MARPOL	International Convention for the Prevention of Marine Pollution from Ships
n.a.	not applicable
n.a.v.	not available
n.c.	not checked
n.d.a.	no data available
NIOSH	National Institute of Occupational Safety and Health (United States of America)
NOAEC	No Observed Adverse Effect Concentration
NOAEL	No Observed Adverse Effect Level
NOEC	No Observed Effect Concentration
NOEL	No Observed Effect Level
ODP	Ozone Depletion Potential
OECD	Organisation for Economic Co-operation and Development
org.	organic
PAH	polycyclic aromatic hydrocarbon
PBT	persistent, bioaccumulative and toxic
PC	Chemical product category
PE	Polyethylene
PNEC	Predicted No Effect Concentration
POCP	Photochemical ozone creation potential
ppm	parts per million
PROC	Process category
PTEF	Polytetrafluorethylene
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals)
REACHJT	List No. 9xx-xxx-x 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.
RTD	Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the International Carriage of Dangerous Goods by Rail)
SADT	Self-Accelerating Decomposition Temperature
SAR	Structure Activity Relationship
SU	Sector of use
SVHC	Substances of Very High Concern
Tel.	Telephone
ThOD	Theoretical oxygen demand
TOC	Total organic carbon
TRGS	Technische Regeln für Gefahrstoffe (= Technical Regulations for Hazardous Substances)
UN RTDG	United Nations Recommendations on the Transport of Dangerous Goods
VbF	Verordnung über brennbare Flüssigkeiten (= Regulation for flammable liquids (Austria))
VOC	Volatile organic compounds
vpvB	very persistent and very bioaccumulative
WEL-TWA	WEL-STEL WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period), WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period) (EH40, UK).
WHO	World Health Organization
wwt	wet weight
<p>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:  <b>Chemical Check GmbH, Chemical Check Platz 1-7, D-32839 Steinheim, Tel.: +49 5233 94 17 0, Fax: +49 5233 94 17 90</b>          © by Chemical Check GmbH Gefahrstoffberatung. The copying or changing of this document is forbidden except with consent of the Chemical Check GmbH Gefahrstoffberatung.</p>	