



**ES WIRKT.**

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

**Stichfrei Neuzulassung**

Print date 31.01.2023  
Revision date 31.01.2023  
Version 2.1 (en)  
replaces version of 16.12.2022 (2.0)

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

**1.1 Product identifier**

Trade name/designation Stichfrei Neuzulassung

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

**Use of the substance/mixture**

Mosquito protection with skin care oils

**Remark**

UFI: 3E0C-81G6-C00U-MTJY

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

**Supplier**

F.W.Klever  
Hauptstraße 20  
D-84168 Aham  
Telephone +49 (0) 8744 96 99 10  
Telefax + 49 (0) 8744 96 99 96  
E-mail info@ballistol.de  
Website www.ballistol.de

Department responsible for information:

Qualitätssicherung  
Telephone +49 (0) 8744 96 99 80

E-mail (competent person):

info@ballistol.de

**Manufacturer**

F.W.Klever  
Hauptstraße 20  
D-84168 Aham  
Telephone +49 (0) 8744 96 99 10  
Telefax + 49 (0) 8744 96 99 96  
E-mail info@ballistol.de  
Website www.ballistol.de

Department responsible for information:

Qualitätssicherung  
Telephone +49 (0) 8744 96 99 80

E-mail (competent person):

info@ballistol.de

**1.4 Emergency telephone number**

Emergency CONTACT (24-Hour-Number): GBK GmbH +49 (0)6132-84463

**\* SECTION 2: Hazards identification**

**\* 2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008 [CLP]

Classification procedure

Flam. Liq. 2, H225



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Classification according to  
Regulation (EC) No 1272/2008  
[CLP]

Classification procedure

Eye Irrit. 2, H319

Aquatic Chronic 3, H412

**Hazard statements for physical hazards**

H225 Highly flammable liquid and vapour.

**Hazard statements for health hazards**

H319 Causes serious eye irritation.

**Hazard statements for environmental hazards**

H412 Harmful to aquatic life with long lasting effects.

**Remark**

This is a biocidal product (Reg: N-33738)

Repellent: sec-Butyl-2(2-hydroxyethyl)piperidin-1-carboxylat 20g/100g

Contains limonene. May cause allergic reactions.

**\* 2.2 Label elements**

**\* Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

**Hazard pictograms**



GHS02



GHS07

**Signal word**

Danger

**Hazard statements**

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

**\* Precautionary statements**

P102 Keep out of reach of children.

P101 If medical advice is needed, have product container or label at hand.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P403 + P235 Store in a well-ventilated place. Keep cool.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P502 Container only completely emptied into the recycling collection. Bring larger product residues to the problem substance collection point.

**\* Special rules for supplemental label elements for certain mixtures**

EUH208 Contains Limonene. May produce an allergic reaction.

Reduced labelling <= 125 ml: H225 and H319 omitted. Signal word and hazard pictograms remain.

**2.3 Other hazards**

No data available

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

**3.1 Substances**

not applicable



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### 3.2 Mixtures

**Hazardous ingredients**

CAS No.	EC No.	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]	SCL/ M/ ATE
64-17-5	200-578-6	ethanol	70 weight-%	Flam. Liq. 2; H225	
		Parfüm	< 3 weight-%	Aquatic Chronic 2; H411	

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**Following inhalation**

Provide fresh air.

**Following skin contact**

No special measures are necessary.

**After eye contact**

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

**Following ingestion**

If swallowed, immediately drink:

Water

Rinse mouth thoroughly with water.

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

No data available

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

**Notes for the doctor**

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media**

Foam

Carbon dioxide (CO<sub>2</sub>)

Water spray jet

**Unsuitable extinguishing media**

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

**Hazardous combustion products**

Nitrogen oxides (NO<sub>x</sub>)

Carbon monoxide



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**5.3 Advice for firefighters**

**Special protective equipment for firefighters**

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

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**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel**

Special danger of slipping by leaking/spilling product.

**6.2 Environmental precautions**

No data available

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

**For containment**

Take up mechanically and send for disposal.

**6.4 Reference to other sections**

No data available

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**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

**Protective measures**

No special measures are necessary.

Keep away from sources of ignition - No smoking.

Avoid:

Eye contact

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

**Requirements for storage rooms and vessels**

Keep/Store only in original container.

Keep container tightly closed.

**Storage class**

3 Flammable liquids

**Materials to avoid**

Do not store together with:

Food and feedingstuffs

**Further information on storage conditions**

Protect from extreme heat and cold.

**7.3 Specific end use(s)**

No data available



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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

CAS No.	EC No.	Substance name	occupational exposure limit value
64-17-5	200-578-6	Ethanol	Short-term(ml/m <sup>3</sup> ) 1000 (1) (1) 15 minutes reference period (IE)
64-17-5	200-578-6	Ethanol	1000 [ml/m <sup>3</sup> (ppm)] 1920 [mg/m <sup>3</sup> ] (UK)

### 8.2 Exposure controls

No data available

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Physical state

liquid

#### Colour

clear

#### Odour

like:  
Lemon

#### Safety relevant basis data

	Value	Method	Source, Remark
Odour threshold:	not determined		
Melting point/freezing point	not determined		
Boiling point or initial boiling point and boiling range	not determined		
flammability	not determined		
Lower and upper explosion limit	not determined		
Flash point	14 °C		
Auto-ignition temperature	not determined		
Decomposition temperature	not determined		
pH	not determined		
Viscosity	kinematic approx. 2.3 (20°C)		
Solubility(ies)	not determined		
Partition coefficient n-octanol/water (log value)	not determined		
Vapour pressure	not determined		
Density and/or relative density	approx. 0.84 g/cm <sup>3</sup> (20°C) pressure 1013 mbar		
Relative vapour density	not determined		



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	Value	Method	Source, Remark
particle characteristics	not determined		

**9.2 Other information**

No data available

**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

No data available

**10.2 Chemical stability**

No data available

**10.3 Possibility of hazardous reactions**

No data available

**10.4 Conditions to avoid**

No hazardous reactions known.

**10.5 Incompatible materials**

Oxidising agent, strong

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information**

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity**

**Animal data**

	Effective dose	Method, Evaluation	Source, Remark
Acute oral toxicity	not determined		
Acute dermal toxicity	not determined		
Acute inhalation toxicity	not determined		

**Skin corrosion/irritation**

not determined

**Serious eye damage/irritation**

not determined

**Sensitisation to the respiratory tract**

not determined

**Skin sensitisation**

**Animal data**

Result / Evaluation	Dose / Concentration	Method	Source, Remark
not sensitising.			experiences

**Germ cell mutagenicity**

not determined



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**Carcinogenicity**

not determined

**Reproductive toxicity**

not determined

**STOT-single exposure**

not determined

**STOT-repeated exposure**

not determined

**Aspiration hazard**

not determined

**11.2 Information on other hazards**

**Other information**

The product has not been tested. The information is derived from the properties of the individual components.

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Aquatic toxicity**

	Effective dose	Method, Evaluation	Source, Remark
Acute (short-term) fish toxicity	not determined		
Chronic (long-term) fish toxicity	not determined		
Acute (short-term) toxicity to crustacea	not determined		
Chronic (long-term) toxicity to aquatic invertebrate	not determined		
Acute (short-term) toxicity to algae and cyanobacteria	not determined		
Chronic (long-term) toxicity to aquatic algae and cyanobacteria	not determined		
Toxicity to other aquatic plants/organisms	not determined		
Toxicity to microorganisms	not determined		

**12.2 Persistence and degradability**

	Value	Method	Source, Remark
Biodegradation			Inorganic product which is not eliminable from water through biological cleaning processes. Readily biodegradable (according to OECD criteria).

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available



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**12.5 Results of PBT and vPvB assessment**

No data available

**12.6 Endocrine disrupting properties**

No data available

**12.7 Other adverse effects**

**Additional ecotoxicological information**

**Additional information**

If appropriate application no interferences in sewage treatment plants.

Do not allow uncontrolled discharge of product into the environment.

The breakdown properties of the product have not been tested. The information on these is given on the basis of details in the literature.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Appropriate disposal / Product**

Dispose of waste according to "Kreislaufwirtschaftsgesetz (KrWG)".

**Appropriate disposal / Package**

Completely emptied packages can be recycled.

Recycle sales packaging via DSD (Duales System Deutschland).

**Remark**

Can be incinerated together with household waste in compliance with applicable technical regulations following consultation with approved waste disposal management companies and authorities in charge.

**\* SECTION 14: Transport information**

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1 UN number or ID number</b>	UN 1993	UN 1993	UN 1993
<b>14.2 UN proper shipping name</b>	FLAMMABLE LIQUID, N.O.S. (ethanol)	FLAMMABLE LIQUID, N.O.S. (ethanol)	Flammable liquid, n.o.s. (ethanol)
<b>14.3 Transport hazard class(es)</b>	3	3	3
<b>14.4 Packing group</b>	II	II	II
<b>14.5 Environmental hazards</b>	No	No	No

**14.6 Special precautions for user**

No data available

**14.7 Maritime transport in bulk according to IMO instruments**

No data available

**Land transport (ADR/RID)**

UN number or ID number UN 1993  
UN proper shipping name FLAMMABLE LIQUID, N.O.S. (ethanol)  
Transport hazard class(es) 3  
Hazard label(s) 3  
Classification code F1





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Packing group	II
Environmental hazards	No
Limited quantity (LQ)	1 L
Special provisions	274, 601, 640C
Tunnel restriction code	D/E

**Sea transport (IMDG)**

UN number or ID number	UN 1993
UN proper shipping name	FLAMMABLE LIQUID, N.O.S. (ethanol)
Transport hazard class(es)	3
Packing group	II
Environmental hazards	No
Limited quantity (LQ)	1 L
Marine pollutant	No
EmS	F-E, S-E

**Air transport (ICAO-TI / IATA-DGR)**

UN number or ID number	UN 1993
UN proper shipping name	Flammable liquid, n.o.s. (ethanol)
Transport hazard class(es)	3
Packing group	II
Environmental hazards	No

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**SECTION 15: Regulatory information**

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

No data available

**15.2 Chemical Safety Assessment**

For this substance a chemical safety assessment is not required.

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**SECTION 16: Other information**

**Additional information**

National and local regulations concerning chemicals shall be observed.  
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.

**Relevant H- and EUH-phrases (Number and full text)**

H225	Highly flammable liquid and vapour.
H411	Toxic to aquatic life with long lasting effects.



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**Indication of changes**

\* Data changed compared with the previous version