



**ES WIRKT.**

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

**Stichfrei Sensitiv**

Print date 10.01.2023  
Revision date 10.01.2023  
Version 2.0 (en)  
replaces version of 17.09.2021 (1.3)

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

**1.1 Product identifier**

Trade name/designation Stichfrei Sensitiv

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

**Use of the substance/mixture**

Mosquito repellent for sensitive skin and allergy sufferers

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

**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**

**Remark**

Es handelt sich um ein Biozidprodukt (Reg.-Nr.: N-86647)  
Repellent: sec-Butyl-2(2-hydroxyethyl)piperidin-1-carboxylat 9,8g / 100g

**2.2 Label elements**

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

**Precautionary statements**

P102 Keep out of reach of children.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P501 Dispose of contents / container to recycling

**2.3 Other hazards**

**Results of PBT and vPvB assessment**

PBT: Not applicable  
vPvB: Not applicable



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

**3.1 Substances**

not applicable

**3.2 Mixtures**

**Hazardous ingredients**

CAS No.	EC No.	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]	SCL/ M/ ATE
119515-38-7	423-210-8	1-piperidinecarboxylic acid, 2-2-(hydroxyethyl)-, 1-methylpropylester	9.8 weight-%	Eye Irrit. 2; H319	

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**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

**Following inhalation**

In the event of symptoms refer for medical treatment.

**Following skin contact**

In case of skin irritation or rash: seek medical advice/medical help

**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.  
Remove any existing contact lenses if possible

**Following ingestion**

If you feel unwell, call the Poison Control Center or your doctor.

**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.

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**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing media**

Foam  
Extinguishing powder  
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**

The formation of hazardous vapours due to ambient fire

**5.3 Advice for firefighters**

**Special protective equipment for firefighters**

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

**Additional information**

The product itself does not burn.

Co-ordinate fire-fighting measures to the fire surroundings.

If without risk possible, remove containers from the danger zone.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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**SECTION 6: Accidental release measures**

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

**For non-emergency personnel**

Provide adequate ventilation.

Avoid contact with skin and eyes.

Remove all sources of ignition.

Do not breath vapour or spray.

**6.2 Environmental precautions**

Do not allow to enter into surface water or drains.

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

**For containment**

Dispose of the recorded material in accordance with the

Suitable material for taking up:

Sand

Sawdust

Universal binder

Kieselguhr

**6.4 Reference to other sections**

Safe handling: see section 7

Disposal: see section 13

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**\* SECTION 7: Handling and storage**

**\* 7.1 Precautions for safe handling**

**\* Protective measures**

Pay attention to compliance with the workplace limit values(s) (AGW) and/or other limit values.

No special measures are necessary.

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.

Keep cool and well-ventilated.



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**Storage class**

10 Combustible liquids that cannot be assigned to any of the above storage classes

**7.3 Specific end use(s)**

No data available

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

No data available

**8.2 Exposure controls**

No data available

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**Physical state**

liquid

**Colour**

white

**Odour**

characteristic

**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	Lower explosion limit		The product is not explosive
Flash point	not determined		
Auto-ignition temperature			The product is not self-inflamatory
Decomposition temperature	not determined		
pH	in delivery state approx.6- 6.05 (20°C)		
Viscosity	not determined		
Solubility(ies)	Water solubility		completely miscible
Partition coefficient n-octanol/water (log value)	not determined		
Vapour pressure	not determined		
Density and/or relative density	approx. 0.97 g/cm <sup>3</sup> (20°C) pressure 1013 mbar		



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	Value	Method	Source, Remark
Relative vapour density	not determined		
particle characteristics	not determined		

**9.2 Other information**

No data available

**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

No hazardous reactions known.

**10.2 Chemical stability**

No decomposition if used, stored and handled as intended

**10.3 Possibility of hazardous reactions**

No data available

**10.4 Conditions to avoid**

No data available

**10.5 Incompatible materials**

No data available

**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**

**Animal data**

Result / Evaluation	Method	Source, Remark
		No irritant effect

**Serious eye damage/irritation**

**Animal data**

Result / Evaluation	Method	Source, Remark
Short-term, reversible irritant effect		

**Sensitisation to the respiratory tract**

not determined



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**Skin sensitisation**

not determined

**Germ cell mutagenicity**

not determined

**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**

No data available

**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**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

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vPvB: Not applicable



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**12.6 Endocrine disrupting properties**

No data available

**12.7 Other adverse effects**

**Additional ecotoxicological information**

**Additional information**

No other relevant information available

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Appropriate disposal / Product**

Dispose as specified by the public authorities.

**Appropriate disposal / Package**

Completely emptied packages can be recycled.  
Recycle sales packaging via DSD (Duales System Deutschland).

**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>	-	-	-
<b>14.2 UN proper shipping name</b>	-	-	-
<b>14.3 Transport hazard class(es)</b>	-	-	-
<b>14.4 Packing group</b>	-	-	-
<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

**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**

No data available

**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.



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

H319 Causes serious eye irritation.

**Indication of changes**

\* Data changed compared with the previous version