



ES WIRKT.

Safety Data Sheet according to Regulation (EC)  
No. 1907/2006 (REACH)  
revision 06.07.2020 (GB) Version 4.4  
**Stichfrei-Animal Pump-Spray**

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

### 1.1. Product identifier

**Name of product** Stichfrei-Animal Pump-Spray

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

**Recommended intended purpose(s)**

Insect repellent spray for animals

### 1.3. Details of the supplier of the safety data sheet

#### Manufacturer

F.W.Klever  
Hauptstraße 20, D-84168 Aham  
Phone +49 (0) 8744 96 99 10, Fax + 49 (0) 8744 96 99 96  
E-Mail [info@ballistol.de](mailto:info@ballistol.de)  
Internet [www.ballistol.de](http://www.ballistol.de)

#### Advice

Qualitätssicherung  
Phone +49 (0) 8744 96 99 30  
E-mail (competent person):  
[info@ballistol.de](mailto:info@ballistol.de)

### 1.4. Emergency telephone number

#### Emergency advice

Dr.Zettler (Werktags von 8.00 Uhr bis 16.00 Uhr) oder  
Giftnotrufzentrale 022819240  
Phone +49 (0) 8744 96 99 30

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
Flam. Liq. 3	H226	
Eye Irrit. 2	H319	

#### Hazard statements for physical hazards

H226 Flammable liquid and vapour.

#### Hazard statements for health hazards

H319 Causes serious eye irritation.

#### Additional hints

Repellent: Ethyl N-acetyl-N-butyl-beta-alaninat 20g/100g  
This is a biocide product (reg. N-51650)

### 2.2. Label elements



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



GHS02



GHS07

**Signal word**

Warning

**Hazard statements for physical hazards**

H226 Flammable liquid and vapour.

**Hazard statements for health hazards**

H319 Causes serious eye irritation.

**Precautionary Statements**

**General**

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

P102 Keep out of reach of children.

**Prevention**

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

P233 Keep container tightly closed.

**Response**

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.

**Disposal**

P501 Dispose of contents/container to recycling

**Additional information**

**Remark**

H-Satz EUH2018 (contains sensitising agents. May call for allergic reactions.) No need to mention because no allergic reactions have been detected in the dermatological test.

**2.3. Other hazards**

No information available.

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

**3.1. Substances**

not applicable

**3.2. Mixtures**

**Hazardous ingredients**

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
64-17-5	200-578-6	ethanol	> 10	Flam. Liq. 2, H225
52304-36-6		Ethylbutylacetylaminopropionat	20	Augenreizung Kat. 2, H319



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## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

#### **General information**

In case of allergic reactions, specially at respiratory tract, seek medical treatment immediately.

#### **In case of inhalation**

Ensure fresh air.

#### **In case of skin contact**

No special measure necessary.

#### **In case of eye contact**

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

#### **In case of ingestion**

Give water to drink in small sips.  
Rinse out mouth thoroughly with water.

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

No information available.

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

#### **Treatment (Advice to doctor)**

Treat symptoms.

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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Foam  
Carbon dioxide  
Water spray jet

#### **Unsuitable extinguishing media**

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

Nitrogen gases (NO<sub>x</sub>)  
Carbon dioxide (CO<sub>2</sub>)

### **5.3. Advice for firefighters**

#### **Special protective equipment for fire-fighters**

Use breathing apparatus with independent air supply ( isolated ).

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## **SECTION 6: Accidental release measures**

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

#### **For non-emergency personnel**

High risk of slipping due to leakage/spillage of product.

### **6.2. Environmental precautions**

No information available.

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

Take up mechanically and send for disposal.

**6.4. Reference to other sections**

No information available.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Advice on safe handling**

No special measures necessary if used correctly.

**General protective measures**

Avoid contact with the eyes.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking

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

**Requirements for storage rooms and vessels**

Keep in closed original container.

**Advice on storage compatibility**

Do not store together with food.

**Further information on storage conditions**

Protect from extreme heat and cold.

**Storage group** 10

**7.3. Specific end use(s)**

No information available.

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

**8.1. Control parameters**

**8.2. Exposure controls**

No information available.

**! SECTION 9: Physical and chemical properties**

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

**Appearance**

liquid

**Colour**

clear

**Odour**

of lemon

**Odour threshold**

not determined

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value</b>	not determined				
<b>Boiling temperature / boiling range</b>	not determined				



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	Value	Temperature	at	Method	Remark
<b>Melting point / Freezing point</b>	not determined				
<b>Flash point</b>	32 °C				
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not determined				
<b>Flammability (gas)</b>	not determined				
<b>Ignition temperature</b>	440 °C				
<b>Self ignition temperature</b>	not determined				
<b>Lower explosion limit</b>	not determined				
<b>Upper explosion limit</b>	not determined				
<b>Vapour pressure</b>	not determined				
<b>Relative density</b>	ca. 0,9 g/cm <sup>3</sup>	20 °C		1013 hPa	
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>	not determined				
<b>Solubility/other</b>	not determined				
<b>Partition coefficient n-octanol/water (log P O/W)</b>	not determined				
<b>Decomposition temperature</b>	not determined				
<b>Viscosity kinematic</b>	c. 7 mm <sup>2</sup> /s	20 °C			
<b>Oxidising properties</b>	No information available.				
<b>Explosive properties</b>	No information available.				
<b>9.2. Other information</b>	No information available.				

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No information available.

### 10.2. Chemical stability

No information available.



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**10.3. Possibility of hazardous reactions**

No information available.

**10.4. Conditions to avoid**

No hazardous reactions known.

**10.5. Incompatible materials**

**Substances to avoid**

Reactions with strong oxidising agents.

**10.6. Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Acute toxicity/Irritation/Sensitization**

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>	> 10000 mg/kg	rat (male / female)		
<b>LC50 acute inhalation</b>	> 50,1 mg/l (4 h)	rat	OECD 403	highest checkable concentration
<b>Eye irritation</b>	No primary but slight irritant effect on rabbits' eyes			
<b>Skin sensitization</b>	non-sensitizing			experiences

**Additional 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**

No information available.

**12.2. Persistence and degradability**

	Elimination rate	Method of analysis	Method	Validation
<b>Biological degradability</b>	This product has a low potential for bioaccumulation			readily degradable

**12.3. Bioaccumulative potential**

No information available.

**12.4. Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

No information available.

**12.6. Other adverse effects**



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### General regulation

If appropriate application no interferences in sewage treatment plants.  
Do not allow uncontrolled leakage 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

#### Recommendations for the product

Can be incinerated together with household refuse in accordance with the regulations and on consultation with the disposal agency and the relevant authorities.

There are no harmonised regulations on the disposal of chemicals in the member states of the EU. In Germany the Recycling and Waste Management Act (KrWG) stipulates recycling as a requirement.

#### Recommendations for packaging

Totally emptied packaging may be taken for recycling.  
Barrel: return by DSD ( Dualistic System Germany )

## ! SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	1993	1993	1993
14.2. UN proper shipping name	Flammable liquid, N.A.G. (Ethanol)	Flammable liquid, n.o.s. (Ethanol)	Flammable liquid, n.o.s. (Ethanol)
14.3. Transport hazard class(es)	3	3	3
14.4. Packing group	II	II	II
14.5. Environmental hazards	No	No	No

### 14.6. Special precautions for user

No information available.

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information available.

### Land and inland navigation transport ADR/RID

Hazard label(s) 3  
tunnel restriction code 2 (D/E)  
Classification code 3

## SECTION 15: Regulatory information

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

#### Other regulations (EU)

Biocide directive (98/8/EC).



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**VOC standard**

**VOC content** ca.20 %

**National regulations**

**Water hazard class** 1 self-classification

**Decree for case of interference/remarks** Accident decree, addendum II: not named.

**15.2. Chemical Safety Assessment**

For this substance a chemical safety assessment is not required.

**SECTION 16: Other information**

**Recommended uses and restrictions**

National and local regulations concerning chemicals shall be observed.

**Further information**

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 4.3

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.