

# Safety Data Sheet

## 275407 BUSTER toothpaste for dogs, enzymes, 50 ml

Revision date: 08/02/2019

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

#### 1.1. Product identifier

**Trade name:** 275407 BUSTER toothpaste for dogs, enzymes, 50 ml

#### Article no

Article no	Description
275407	

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

**Recommended uses:** Cleaner For veterinary use.

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

##### Supplier

**Company:** Jørgen Kruuse A/S  
**Address:** Havretoften 4  
**Zip code:** 5550  
**City:** Langeskov  
**Country:** DENMARK  
**E-mail:** info@kruuse.com, kruuse.norge@kruuse.com, kruuse.svenska@kruuse.com  
**Phone:** +4572141511  
**Fax:** +4572141600  
**Homepage:** www.kruuse.com

#### 1.4. Emergency Telephone Number

Members of the public: 111 (NHS 111 (Scotland: NHS 24))

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**CLP-classification:** The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.

**Most serious harmful effects:** May cause slight irritation to the skin and eyes.

#### 2.2. Label elements

The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.

#### 2.3. Other hazards

The product does not contain any PBT or vPvB substances.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Substance	CAS No	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
Chlorhexidindigluconate	18472-51-0	242-354-0		< 1%	17	Eye Dam. 1;H318 Aquatic Acute 1;H400 Aquatic Chronic 1;H410

Please see section 16 for the full text of H-phrases.

17 = M (acute) = 10

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation:</b>	Seek fresh air. Seek medical advice in case of persistent discomfort.
<b>Ingestion:</b>	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of discomfort.
<b>Skin contact:</b>	Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
<b>Eye contact:</b>	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
<b>General:</b>	When obtaining medical advice, show the safety data sheet or label.

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

May cause slight irritation to the skin and eyes.

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

Treat symptoms. No special immediate treatment required.

### SECTION 5: Fire-fighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media:</b>	Extinguish with powder, foam or water mist. Use water or water mist to cool non-ignited stock.
<b>Unsuitable extinguishing media:</b>	Do not use water stream, as it may spread the fire.

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

Can generate harmful flue gases containing carbon monoxide in the event of fire.

#### 5.3. Advice for fire-fighters

Wear Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely.

### SECTION 6: Accidental release measures

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

<b>For non-emergency personnel:</b>	Stop leak if this can be done without risk. Wear safety goggles if there is a risk of eye splash.
<b>For emergency responders:</b>	In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.

#### 6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

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

Wipe up minor spills with a cloth. Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers.

#### 6.4. Reference to other sections

See section 13 for instructions on disposal. See section 8 for type of protective equipment.

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Wash hands before breaks, before using restroom facilities, and at the end of work. Running water and eye wash equipment should be available.

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

The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Keep in tightly closed original packaging. Store in a well-ventilated area. Store frost-free. Do not expose to heat (e.g. sunlight).

### 7.3. Specific end use(s)

None.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Occupational exposure limit:** Contains no substances subject to reporting requirements

**Measuring methods:** Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

**Legal basis:** #Not translated#

#### PNEC

Chlorhexidindiguconate, cas-no 18472-51-0				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
PNEC aqua (freshwater)	0,002 mg/l			
PNEC aqua (intermittent releases)	0,002 mg/l			
PNEC soil	5,26 mg/kg dw			

#### DNEL - workers

Chlorhexidindiguconate, cas-no 18472-51-0					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (long-term exposure - systemic effects)	0,42 mg/m <sup>3</sup>				
Dermal DNEL (long-term exposure - systemic effects)	5 mg/kg bw/day				

#### DNEL - general population

Chlorhexidindiguconate, cas-no 18472-51-0					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (acute/short-term exposure - local effects)	5 mg/kg bw/day				
#Not translated#	2 mg/kg bw/day				
Inhalation DNEL (long-term exposure - systemic effects)	0,1 mg/m <sup>3</sup>				

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Dermal DNEL (long-term exposure - systemic effects)	3 mg/kg bw/day				
Oral DNEL (long-term exposure - systemic effects)	0,03 mg/kg bw/day				

### 8.2. Exposure controls

**Appropriate engineering controls:** Wear the personal protective equipment specified below.

**Personal protective equipment, eye/face protection:** Wear safety goggles if there is a risk of eye splash. Eye protection must conform to EN 166.

**Personal protective equipment, hand protection:** Plastic or rubber gloves recommended.

**Personal protective equipment, respiratory protection:** Not required.

**Environmental exposure controls:** Ensure compliance with local regulations for emissions.

**Other Information:** Do not eat, drink or smoke during work. Wash hands before breaks, before using restroom facilities, and at the end of work.

## SECTION 9: Physical and chemical properties

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

Parameter	Value/unit
State	Paste
Colour	White
Odour	Neutral
Solubility	Soluble in the following: Water.
Explosive properties	No data
Oxidising properties	No data

Parameter	Value/unit	Remarks
pH (solution for use)	No data	
pH (concentrate)	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	No data	
Flash Point	No data	
Evaporation rate	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Vapour pressure	No data	
Vapour density	No data	
Relative density	~ 1.75	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
Viscosity	No data	
Odour threshold	No data	

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### 9.2 Other information

Other Information: None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No known data.

### 10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

Store frost-free. Do not expose to heat (e.g. sunlight).

### 10.5. Incompatible materials

None known.

### 10.6. Hazardous decomposition products

Can generate harmful flue gases containing carbon monoxide in the event of fire.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

##### Chlorhexidindigluconate, cas-no 18472-51-0

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		2000 mg/kg bw			

Ingestion of large quantities may cause discomfort. The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

#### Acute toxicity - dermal

##### Chlorhexidindigluconate, cas-no 18472-51-0

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		> 5000mg/kg bw			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

**Acute toxicity - inhalation:** The product does not have to be classified. Test data are not available.

**Skin corrosion/irritation:** May irritate the skin - may cause reddening. The product does not have to be classified. Test data are not available.

**Serious eye damage/eye irritation:** The product does not have to be classified. Test data are not available.

**Respiratory sensitisation or skin sensitisation:** The product does not have to be classified. Test data are not available.

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<b>Germ cell mutagenicity:</b>	The product does not have to be classified. Test data are not available.
<b>Carcinogenic properties:</b>	The product does not have to be classified. Test data are not available.
<b>Reproductive toxicity:</b>	The product does not have to be classified. Test data are not available.
<b>Single STOT exposure:</b>	The product does not have to be classified. Test data are not available.
<b>Repeated STOT exposure:</b>	The product does not have to be classified. Test data are not available.
<b>Aspiration hazard:</b>	The product does not have to be classified. Test data are not available.
<b>Other toxicological effects:</b>	None known.

### SECTION 12: Ecological information

#### 12.1. Toxicity

##### Chlorhexidindiguconate, cas-no 18472-51-0

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Crustacea	Name of species not specified		48hEC50	0.087mg/l			
Algae	Name of species not specified		72hEC50	0.038mg/l			
Fish	Name of species not specified		96hLC50	2.08 mg/l			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met. The product contains small quantities of environmentally hazardous substances.

#### 12.2. Persistence and degradability

##### Chlorhexidindiguconate, cas-no 18472-51-0

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
		28 d		> 71%		OECD 301 A	

The product contains at least one readily biodegradable substance.

#### 12.3. Bioaccumulative potential

##### Chlorhexidindiguconate, cas-no 18472-51-0

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
			Log Pow	-1.81	The product is potentially bioaccumulative.		

The product contains at least one substance that is bioaccumulative in organisms.

#### 12.4. Mobility in soil

Test data are not available.

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

The product does not contain any PBT or vPvB substances.

#### 12.6. Other adverse effects

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None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Avoid discharge to drain or surface water.

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste (Dir. 2008/98/EU). Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

Empty, cleansed packaging should be disposed of for recycling.

**Category of waste:** EWC code: Depends on line of business and use, for instance  
18 02 06 chemicals other than those mentioned in 18 02 05  
Absorbent/cloth contaminated with the product: EWC code: 15 02 03 Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02.

### SECTION 14: Transport information

<b>14.1. UN-No.:</b>	Not applicable.	<b>14.4. Packing group:</b>	Not applicable.
<b>14.2. UN proper shipping name:</b>	Not applicable.	<b>14.5. Environmental hazards:</b>	Not applicable.
<b>14.3. Transport hazard class(es):</b>	Not applicable.		

#### 14.6. Special precautions for user

None.

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

Not applicable.

### SECTION 15: Regulatory information

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

**Special Provisions:** None.

#### 15.2. Chemical Safety Assessment

**Other Information:** Chemical safety assessment has not been performed.

### SECTION 16: Other information

**Abbreviations:** PBT: Persistent, Bioaccumulative and Toxic  
vPvB: Very Persistent and Very Bioaccumulative  
STOT: Specific Target Organ Toxicity

**Other Information:** This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

**Training advice:** A thorough knowledge of this safety data sheet should be a prerequisite condition.

**Classification method:** Calculation based on the hazards of the known components. Test data.

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### List of relevant H-statements

H318 Causes serious eye damage.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

### SDS is prepared by

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