

Date of issue: 8<sup>th</sup> June 2007  
 Replaces version of: 19<sup>th</sup> May 2006

1. Identification of the product and of the company

1.1 Product name: VET-KEM ACCLAIM HOUSEHOLD FLEA SPRAY

1.2 Company name: CEVA Animal Health Ltd.,  
 90 The Broadway  
 Chesham  
 Buckinghamshire  
 HP5 1EG

1.3 Emergency phone number: 01494 781510

2. Composition/information on ingredients

- (s)-Methoprene - CAS : 65733-16-6
- Permethrin - CAS : 52654-53-1 EINECS - 258-067-9
- Ethanol - CAS: 64-17-5 EINECS - 200-578-6
- Dimethylether - CAS: 115-10-6 EINECS - 204-065-8

3. Hazards identification

- (s)-methoprene –N, R50/53
- Permethrin - Xn N: R22, R50, R57
- Ethanol: F, R11
- Dimethylether: F+, R12

4. First Aid Measures

4.1 After contact with the eyes: Flush copiously for at least 15 minutes, holding the eye open. Remember to remove contact lenses. Seek medical advice.

4.2 After contact with the skin: Remove contaminated clothing and wash/drench effected area with water.

4.3 After inhalation: Remove to fresh air from exposure. Rest, keep calm and warm.

4.4 After ingestion or accident: NEVER make an unconscious person sick or give them anything to drink.

4.5 Symptoms:

4.6 Notes to physician: No specific antidote is known. Apply symptomatic therapy. Always show label to doctor in case of medical treatment.

5. Fire fighting measures

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5.1 Extinguishing media: Water, foam, dry powder or CO2  
 5.2 Special advice in case of fire: Do not allow extinguishing medium to enter drains, watercourses or soil.  
 Toxic / noxious fumes may be evolved: - wear breathing apparatus.  
 In the event of fire there is a danger of exploding cans.  
 Where possible keep cans cool with water.

6. Accidental release measures  
 6.1 After spillage, leakage: Sweep up/clean up and dispose of as waste. Large spills: absorb with mineral absorbent.  
 Do not allow to enter soil, drains or other water courses.  
 Disposal to be in accordance with local and national regulations.  
 6.2 Cleaning of equipment: Water

7. Handling and storage  
 7.1 Handling: Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Do not smoke while using the product. Do not spray near an ignition source, flame, spark or electrical equipment.  
 7.2 Storage: Store the product in closed, original container in a cool well-ventilated place.  
 Store separately from feed and food.  
 Keep out of the sight and reach of children.  
 Do not re-use containers for any other purpose.  
 Protect from sunlight and do not expose to temperatures exceeding 50 deg°C

8. Exposure controls and personal protection  
 8.1 Exposure controls: OEL: Dimethyl ether - OES 8 hour TWA 400 ppm - 766 mg m-3 / STEL 15 minute 500 ppm - 958 mg m-3 - IOELV OEL  
 Ethanol - OES 8 hour TWA 1000 ppm - 1920 mg m-3 / STEL 15 minute N/A OEL:(s)-Methoprene - OES 8 hour TWA 230 mg m-3  
 8.2 Industrial hygiene:  
 8.3 Personal protective equipment:

9. Physical and chemical properties  
 9.1 Form:

9.2	Colour:	
9.3	Odour:	
9.4	Change in physical state:	
9.5	Flash point (°C):	
9.6	Ignition temperature:	
9.7	Explosion limits:	
9.8	Density (Kg/dm <sup>3</sup> ):	
9.9	Vapour pressure:	
9.10	Viscosity:	
9.11	pH value:	
9.12	Solubility in water:	
9.13	Partition coefficient n-octanol/water:	
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10.	<b>Stability and reactivity</b>	
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11.	Toxicological information	
	LD <sub>50</sub> acute oral:	LD50 (rat): > 5500 mg/kg
	LD <sub>50</sub> acute dermal:	LD50 (rat) : >5100 mg/kg
	LD <sub>50</sub> intravenous:	
	Irritation	
	Skin:	
	Eyes:	
	Skin Sensitisation	
	Reproductive Effects.	
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12.	Ecological information	
	Fish toxicity:	Trout: LC50 (96hr) 0.76 mg/l (s)-methoprene : 5.4 ug/l permethrin
	Daphnia toxicity:	EC50 (48hr) : 0.36 mg/l (s)-methoprene : 0.6 ug/l permethrin
	Algae toxicity:	N/A
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13.	Disposal considerations	
	Disposal of empty containers:	Disposal to be in accordance with local and national regulations. Do not discharge into public sewers or drains. Do not re-use container. Do not pierce or burn empty cans.
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14.	Transport information	
		UN number: 1950 ADR/RID:IMDG:ICAO/IATA : Class 2 Proper shipping name : Aerosol, flammable, N.O.S.
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15.	Regulatory information	
		R12: Extremely flammable. S13: Keep away from food, drink and animal feeding stuffs. S2: Keep out of reach of children.
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16.	Other information	
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Product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations. The information contained herein is based on the present state of our knowledge and is intended to describe our products from

the point of view of safety requirements. It should therefore not be construed as guaranteeing specific properties.