

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

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Product name: **Strikeout Spray- On**

Therapeutic use: Ectoparasiticide

SECTION 2 - COMPOSITION

<u>Ingredients</u>	<u>CAS number</u>	<u>Amount</u>
Active ingredients:		
Cyromazine	66215-27-8	60* g/L
Excipients:		
Other excipient ingredients	not disclosed	<940 g/L

Note: Other ingredients in this formulation are being held as a trade secret. For more ingredient information in the event of a medical emergency, contact the telephone number listed in Section 1.

SECTION 3 - HAZARDS IDENTIFICATION

Signal word	FOR ANIMAL TREATMENT ONLY WARNING
Statements of hazard	Dangerous to the Environment May cause skin and eye irritation Cyromazine may possibly affect the blood and the hematopoietic system
Precautionary statements	Harmful to aquatic organisms KEEP OUT OF REACH OF CHILDREN Avoid skin and eye contact. When using this product wear rubber gloves. Wash hands after use. If skin or hair contact occurs remove contaminated clothing and flush skin and hair with running water. If splashed in eyes wash out immediately with water. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. Avoid contamination of any water supply with product or empty container.

SECTION 4 - FIRST AID MEASURES

Skin	If skin or hair contact occurs remove contaminated clothing and flush skin and hair with running water.
Eyes	If splashed in eyes wash out immediately with water.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention immediately.
Ingestion	Get medical attention immediately. Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person.

SECTION 5 - FIRE FIGHTING MEASURES

Fire fighting instructions	Wear approved positive pressure, self-contained breathing apparatus and full protective turn out gear. Evacuate area and fight fire from a safe distance.
Extinguishing media	Water spray, carbon dioxide, dry chemical or foam
Flash point	Non flammable
Hazardous combustion products	Thermal decomposition may generate irritating or toxic vapours.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

General	Review Sections 3, 8 and 12 before proceeding with clean up.
Small spill	In case of spillage wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Wash area with water and absorb with further inert material.

SECTION 7 - HANDLING AND STORAGE

General handling	Use only in a well-ventilated area. Avoid contact with eyes. Avoid contact with skin and clothing. When using the product wear rubber gloves. Wash hands after use.
Storage conditions	Store in original container, tightly closed in a cool dry place. Do not store for prolonged periods in sunlight. Do not reuse the container.
Temperature range for storage	Below 30°C (room temperature)

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation	Engineering controls should be used as the primary means to control exposures. Good general ventilation should be sufficient to control airborne levels. Local and general ventilation should be used as necessary, when handling this material in bulk.
Respiratory protection	Respiratory protection is recommended as a precaution to minimize exposure when handling this material in bulk.
Eye protection	Safety glasses or goggles.
Skin protection	Use protective clothing (uniforms, lab coats, disposable coveralls, etc.) in both production and laboratory areas.
Hand protection	Rubber gloves

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical form	Liquid
Colour	Clear red
pH	3.8 – 5.8
Density	1.03 – 1.04
Oxidising properties	Non oxidising
Corrosive properties	Non corrosive

SECTION 10 - STABILITY AND REACTIVITY

Stability	Stable at room temperature in closed containers under normal storage conditions.
Conditions to avoid	light, exposure to air, excess heat, strong oxidants
Incompatibility materials	Not known

SECTION 11 - TOXICOLOGY INFORMATION

Cyromazine

Acute toxicity (oral)	LD50 oral Rabbit, 1467 mg/kg
Eye	No known effect
Skin	No known effect
Inhalation	No known effect
Ingestion	Harmful if swallowed
Mutagenicity	No known effect
Carcinogenicity	No known effect
Reproductive, developmental & effects via lactation	No known effect
Target organ toxicity (oral)	affects the blood and the hematopoietic system Cyromazine was administered to 56 beagle dogs (7/sex/group) at 0, 30, 300, and 3000 ppm for 6 months. Pronounced effects on the hematocrit and hemoglobin levels were noted at 300 and 3000 ppm. The systemic NOEL was established at 30 ppm (0.75 mg/kg/day).

SECTION 12 - ECOLOGICAL INFORMATION

Cyromazine

Aquatic	No known effect
Soil	Harmful in the soil environment, Soil DT 50 > 30 days
Terrestrial vertebrates	Toxic to vertebrates, LD50 Rabbit, 1467 mg/kg
Terrestrial invertebrates	Toxic to invertebrates
Mobility, persistence & degradability	Cyromazine has low to high mobility in soil

SECTION 13 - DISPOSAL INFORMATION

Disposal procedure	Harmful to aquatic organisms. Avoid contamination of any water supply with product or empty container. Empty containers and product should not be burnt. Preferably dispose of product by use. Otherwise dispose of product, packaging and waste at an approved landfill or equivalent facility.
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SECTION 14 - TRANSPORTATION INFORMATION

UN number	UN 3082
UNDG class	Class 9
UN packing group	PG III
Shipping name	Environmentally hazardous substance, liquid, N.O.S. (cyromazine)

SECTION 15 - REGULATORY INFORMATION

Labelling:	
Signal headings	FOR ANIMAL TREATMENT ONLY WARNING Dangerous to the Environment
Risk phrases	May cause skin and eye irritation Cyromazine may possibly affect the blood and the hematopoietic system Harmful to aquatic organisms
Safety phrases	KEEP OUT OF REACH OF CHILDREN Avoid skin and eye contact.

When using this product wear rubber gloves. Wash hands after use.
If skin or hair contact occurs remove contaminated clothing and flush skin and hair with running water. If splashed in eyes wash out immediately with water.
For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately.
Avoid contamination of any water supply with product or empty container.
6.3A, 6.4A, 6.9B, 9.1D
HSR001792

HSNO Classifications
ERMA Approval Code

SECTION 16 – OTHER INFORMATION

Date of preparation of the

20 October 2008

Safety Data Sheet

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