

SAFETY DATA SHEET

Section 1: Identification

Product Name: AFRIVET REDLINE

Other means of identification: Flumethrin 1% m/v pour on

Recommended use and restrictions of use: For Veterinary use only

Company: Afrivet Business Management (Pty) Ltd

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Section 2: Hazard(s) Identification

Hazard Classification: ATE: Acute toxicity, oral (Cat. 4), Acute toxicity, inhalation (Cat. 4), Aspiration hazard (Cat. 1), Specific target organ toxicity, single exposure; Respiratory tract irritation (Cat. 3), Specific target organ toxicity, single exposure (Cat. 2), Specific target organ toxicity, repeated exposure (Cat.1), Carcinogenicity (Cat. 2), Hazardous to the aquatic environment, long-term hazard (Cat. 2).

Signal Word(s): Danger

Hazard Statements:

H302: Harmful if swallowed

H304: May be fatal if swallowed and enters airways

H315: Causes skin irritation

H317 : May cause an allergic skin reaction

H320 : Causes eye irritation

H332: Harmful if inhaled

Pictograms:



Precautionary Statements:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling. Wash skin thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P271: Use only outdoors or in a well-ventilated area.
 P272: Contaminated work clothing should not be allowed out of the workplace.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P330: Rinse mouth.
 P331: Do NOT induce vomiting.
 P362: Take off contaminated clothing and wash before reuse
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P302+P352: IF ON SKIN: wash with plenty of soap and water
 P332 + P313: IF SKIN irritation occurs: Get medical advice/attention.
 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.
 P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P304 + P312: IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P405: Store locked up.
 P501: Dispose of containers in a safe manner and do not reuse for any other purpose

Description of other hazards: N/A

Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	Conc.
Flumethrin		69770-45-2	1 % m/v [H302, H315, H317, H332]
Mineral oil		8042-47-5	< 30 % m/v [H302, H304, H315, H320]

Non-toxic excipients – as per proprietary formula

Section 4: First-Aid Measures

After skin contact: Immediately remove contaminated clothing, including shoes. Contaminated clothing must be washed before reuse. Contaminated work clothing should not be allowed out of the workplace
 Wash exposed skin thoroughly with plenty of soap and water. IF SKIN irritation occurs: Get medical advice/attention.

After eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF eye irritation persists: Get medical advice/attention.

After inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing give artificial respiration Do not use mouth-to-mouth, if victim has inhaled or ingested the substance; induce artificial respiration with the aid of a pocket mask with a one-way

valve. If breathing of victim is difficult administer oxygen. Effects of exposure may be delayed. Call a POISON CENTER or doctor/physician if you feel unwell.

After swallowing: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do NOT induce vomiting.

Section 5: Fire-Fighting Measures

Not directly inflammable but may burn within a fire.
Noxious but not poisonous fumes may be given off.
Will float on water

Suitable extinguishing agents: Use dry chemical, foam or carbon dioxide (CO₂).

Special protective equipment for firefighters: Wear fire protective clothing and breathing apparatus when fighting this type of fire.

Section 6: Accidental Release Measures

Personal precautions: Evacuate the area. Keep the general public away from danger area.

Measures for environmental protection: Avoid contaminating waterways. Do not flush into surface water or sanitary sewer system

Measures for cleaning/collecting: Contain by diking or with absorbent material. Disposed of via official means.

Section 7: Handling and Storage

Handling: Keep tightly closed in original containers. Keep locked up.

Storage: Store away from food and feed. Protect from extremes of heat, cold and from dampness

Section 8: Exposure Controls/Personal Protection

General protective and hygienic measures: Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Wash skin thoroughly after handling. Do not eat, drink, or smoke when using this product.

Breathing equipment: Adequate ventilation should be provided so that exposure limits are not exceeded.

Protection of hands: Wear protective gloves/protective clothing/eye protection/face protection.

Eye protection: Wear eye protection

Section 9: Physical and Chemical Properties

Form: Clear pale red liquid

Odor: Practically none

Odor threshold: N/A

pH: No data

Melting point/melting range: Liquid

Boiling point/boiling range: No data

Flash point: No data

Evaporation rate: No data

Flammability: No data

Upper/lower flammability or explosive limits: N/A

Auto ignition temperature: No data

Danger of explosion: Not explosive

Vapor pressure: No data

Vapor density: No data

Relative density (25 °C): 0.895 – 0.915 g/ml

Solubility in/Miscibility with water: N/A

Section 10: Stability and Reactivity

Reactivity: Not classified as a reactivity hazard.

Chemical stability: Stable under normal conditions.

Conditions to avoid: None

Incompatible materials: Oxidizing agents

Hazardous decomposition products: Hydrogen chloride, hydrogen cyanide, hydrogen fluoride, carbon monoxide and nitrogen oxides

Section 11: Toxicological Information

Acute toxicity ATE:

Potential routes of exposure/potential health effects ATE:

Skin Irritant: Causes skin irritation

Eye: Causes eye irritation

Inhalation: Harmful if inhaled

Ingestion: Harmful if swallowed

Aspiration hazard: May be fatal if swallowed and enters airways

Acute dermal toxicity: Not categorised

Carcinogenic effects: Not categorised

Mutagenic effects: Not categorised

Reproductive toxicity: Not categorised

Sensitization: May cause an allergic skin reaction

Target organs: Not categorised

Section 12: Ecological Information (non-mandatory)

Ecotoxicity: Not classified

Mobility: No data

Biodegradation: No data

Bioaccumulation: Product: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 1% or higher.

Section 13: Disposal Considerations (non-mandatory)

Dispose of containers in a safe manner and do not re-use for any other purpose.

Section 14: Transport Information (non-mandatory)

UN number:3077

UN proper shipping name: Environmentally hazardous substance, solid, n.o.s. (mixture of)

Transport hazard class(es): 9

Packing group, if applicable: III

Environmental hazards (e.g., Marine pollutant (Yes/No)): No

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): N/A

Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises: None

Section 15: Regulatory Information (non-mandatory)

None

Section 16: Other Information

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

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