

SAFETY DATA SHEET

Section 1: Identification

Product Name: DELTAFORCE 100

Other means of identification: Suspension concentrate

Recommended use and restrictions of use: For Veterinary External Use only. Dilute before use.

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Section 2: Hazard(s) Identification

GHS Hazard Classification: ATE_{MIX}: Acute toxicity, oral (category 4), Acute toxicity, inhalation (category 4), Skin irritant (category 2), Specific target organ toxicity, repeated exposure (category 2), Hazardous to the aquatic environment, acute hazard (category 2), Hazardous to the aquatic environment, long-term hazard (category 2)

Hazard Statements:

H302 : Harmful if swallowed

H332 : Harmful if inhaled

H373 : May cause damage to organs through prolonged or repeat exposure

H401: Toxic to aquatic life

H411: Toxic to aquatic life with long lasting effects



Pictograms:

Precautionary Statements:

P260: Do not breathe 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.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P314: Get medical advice/attention if you feel unwell.

P330: Rinse mouth.

P301 + P312: IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.

P304+ P312: IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

P304+ P340: IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.

P501: Dispose of contents/container in accordance with National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008).

Section 3 : Composition/ Information on Ingredients

Chemical Name	Cas no	Conc.
Deltamethrin	52918-63-5	10 % H302, H332, H401, H411
MEG	107-21-1	< 10 % H302, H373
1,2-benzisothiazol-3(2H)-one	2634-33-5	< 1 % H302

Non-toxic excipients – as per proprietary formula

Section 4: First-Aid Measures

After skin contact: Wash skin thoroughly after handling.

After eye contact: Rinse cautiously with water for several minutes remove contact lenses if present and if easy to do

After inhalation: IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

After swallowing: IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor/physician IF you feel unwell.

Section 5: Fire-Fighting Measures

Suitable extinguishing agents:

In case of fire use water, chemical foam or alcohol resisting foam

Special protective equipment for firefighters:

Wear Protective clothing eye and face protection against fire

Section 6: Accidental Release Measures

Personal precautions:

Do not breathe 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. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area. Get medical advice/attention if you feel unwell

Measures for environmental protection:

Avoid release to the environment

Measures for cleaning/collecting:

Contain spillage

Absorb spillage with inert material e.g., sand, vermiculite.

Collect absorbed spillage into labelled containers for recycling, recovery, or disposal

Clean all tools

Section 7: Handling and Storage

Handling:

Wash thoroughly after handling

Use only in a well-ventilated area

Empty containers contain residue and can be dangerous

Storage:

Store locked up away from foodstuffs

Store in a well-ventilated place.

Keep cool

Section 8: Exposure Controls/Personal Protection

Chemical Name	OSHA PEL	OSHA PEL (ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)

Appropriate engineering controls:

N/A

General protective and hygienic measures:

Breathing equipment: Do not breath vapours

Protection of hands: Wear protective gloves and clothing

Eye protection: Wear protective eye and face protection

Section 9: Physical and Chemical Properties

Form: White free flowing liquid

Odour: Not applicable

door threshold: Not available

pH: Not available

Melting point/melting range: Liquid

Boiling point/boiling range: Not available
Flash point: No data
Evaporation rate: Not available
Flammability: Not available
Upper/lower flammability or explosive limits: Not applicable
Auto ignition temperature: Not available
Danger of explosion: Not available
Vapor pressure: Not available
Vapor density: Not available
Relative density: Density at 20 degrees C 1.031 – 1.041 g/ml
Viscosity at 20 degrees C: 600 – 1400 cP
Solubility in/Miscibility with water: Water dispersible

Section 10: Stability and Reactivity

Reactivity: Avoid strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite /calcium hypochlorite.
Chemical stability: Stable under normal conditions
Conditions to avoid: None known
Incompatible materials: None known
Hazardous decomposition products: Emits toxic and irritating fumes: CO, CO₂, NO_x, SO_x

Section 11: Toxicological Information

Acute toxicity:
Potential routes of exposure/potential health effects
Ingestion: LD₅₀ATE_{MIX} (Rat): 867 mg/kg Harmful if swallowed
Dermal: N/A
Inhalation: Harmful if inhaled
Skin: N/A
Eye: N/A
Respiratory sensitisation: N/A
Skin Sensitisation: N/A
Aspiration: N/A
Germ Cell Mutagenic effects: N/A
Carcinogenic effects: N/A
Reproductive toxicity: N/A
Target organs: May cause damage to organs through prolonged or repeat exposure (kidneys)

Section 12: Ecological Information (non-mandatory)

Ecotoxicity:

Acute aquatic toxicity: Toxic to aquatic life

Chronic Aquatic toxicity: Toxic to aquatic life with long lasting effects

Mobility: No data

Biodegradation: No data

Bioaccumulation: No data

Section 13: Disposal Considerations (non-mandatory)

Waste treatment:

Dispose of contents/container in accordance with National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008). Use a licensed disposal company for disposal of surplus

Section 14 : Transport Information (non-mandatory)

UN number: 2811 mixture

UN proper shipping name: (Mixture of) Toxic solid, organic, n.o.s.

Transport hazard class(es): 6.1

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):

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:

Section 15: Regulatory Information (non-mandatory)

No further information

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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