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SAFETY DATA SHEET

according to 91/155/EEC

AGRIMIN Safety data sheet Date: Updated February 2019

Product: Smartrace Adult Cattle and Smartrace Growing Cattle

SECTION 1: Substance / preparation and company name

Product Name Smartrace Adult Cattle and Smartrace Growing Cattle

ACVM approval A11545 UN number 3077

Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S._Zinc

DG class 9
Packing group III
Hazchem code 2Z

Company: AGRIMIN LIMITED

Arlanda Way

Humberside Airport

Kirmington, North Lincolnshire

DN39 6YH

Tel: 01652 688046 Fax: 01652 688049

Email: info@agrimin.co.uk

Emergency information: Tel: GB - 01652 688 046

SECTION 2: Possible hazards

Classes 9.1A

Hazard Statement: H410 – Very Toxic to Aquatic life with long lasting effects



Other Classifications

ACVM registration number: A11545

There are no other classifications that are known to apply

Precautionary Statements Avoid release to the environment

Collect spillage



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SECTION 3: Composition/information on ingredients

Ingredients:	Chemical Nature:	CAS No:
Cobalt Carbonate	2CoCO ₃ 3C(OH) _{2.} H ₂ O	51839-24-8
Sodium Selenate	Na₂0₄Se	13410-01-0
Calcium Iodate	Ca(IO ₃) ₂	7789-80-2
Zinc Metal	Zn	7440-66-6

Excipients make up 100%

SECTION 4: First aid measures

General advice: Poisoning due to ingredients in bolus is not

relevant

On skin contact: Wash with soap and water

On contact with eyes: Not relevant

On ingestion: Not relevant

SECTION 5: Firefighting measures

Suitable extinguishing media: Water spray, dry extinguishing media,

foam, carbon dioxide (CO₂)

The following can be given off in a fire: gases/vapours. The degree of risk is

governed by the burning substance and

the fire conditions

Special protective equipment: in case of fire, wear a self contained

breathing apparatus

Further information: contaminated extinguished water must be

disposed of in accordance with local

regulations

SECTION 6: Accidental release measures

Personal precautions: No special measures necessary

Environmental precautions: Avoid release to the environment

Methods for cleaning up: Not applicable

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SECTION 7: Handling and storage

Handling: Handling boluses containing trace element

> powders, zinc metal powder and wax is not considered to represent a health risk, but good personal hygiene is always advisable.

If crushed, avoid inhalation.

Protection against fire and explosion: Keep away from heat, sparks and open

flame

Storage: Keep dry

No other special measures necessary

SECTION 8: Exposure controls and personal protection

Personal protective equipment: Not applicable

General safety and hygiene measures: After handling, wash hands with soap and

water

SECTION 9: Physical and chemical properties

Form: Trace element cylindrical bolus

Colour: Grey

Odour: odourless

Flash point: >100°C

Ignition temperature: > 200°C

Density (Adult Cattle): 1.85 g/mm

(1.76 - 1.94 g/mm)

Density (Growing Cattle): 1.87 g/mm

(1.78 - 1.96 g/mm)

Insoluble in water Solubility in water:

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SECTION 10: Stability and reactivity

Conditions to avoid: protect against moisture

Hazardous reactions: none provided product is correctly

processed

Hazardous decomposition products: none provided product is correctly

processed

SECTION 11: Toxicological information

In the bolus form the ingredients are not toxic but should the bolus be crushed so that the ingredients could be ingested the following toxicological data would be relevant:-

Sodium Selenate-acute toxicity: LD50(oral-rat) 1600µg/kg,(RTECS)

Irritant/corrosive effects: Irritant effect on skin: Evaluation- irritant

Irritant effect on eyes: Evaluation- irritant

SECTION 12: Ecological information

Zinc is toxic to aquatic life at concentrations as low as 90 micrograms per litre, may cause long-term adverse effects in the aquatic environment.

No data available for other ingredients to suggest any adverse effect

SECTION 13: Disposal considerations

Product: Must be disposed of in accordance with local regulations

The UK Environment Protection (Duty of Care)
Regulations (EP) and amendments should be noted

(United Kingdom)

Contaminated packaging: Uncontaminated packs can be re-used. Packs that

cannot be cleaned should be disposed of by suitable incineration, in accordance with local regulations

SECTION 14: Transport information

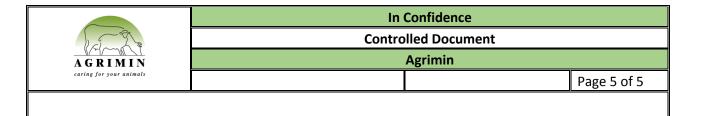
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SECTION 15: Regulatory information

Labelling according to national / international regulations

SECTION 16: Other information

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties.

Recipients of our products must take responsibility for observing existing laws and regulations.