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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  
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Humberside Airport  
Kirmington, North Lincolnshire  
DN39 6YH  
Tel: 01652 688046  
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Email: [info@agrimin.co.uk](mailto: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	$2\text{CoCO}_3 \cdot 3\text{C}(\text{OH})_2 \cdot \text{H}_2\text{O}$	51839-24-8
Sodium Selenate	$\text{Na}_2\text{O}_4\text{Se}$	13410-01-0
Calcium Iodate	$\text{Ca}(\text{IO}_3)_2$	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 (CO <sub>2</sub> )
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)
Solubility in water:	Insoluble 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

UN number:	3077
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S._Zinc
DG class:	9
Packing group:	III
Hazchem code:	2Z

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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.