



In Confidence

Controlled Document

Agrimin

Page 1 of 4

SAFETY DATA SHEET

according to 91/155/EEC & 1907/2006

AGRIMIN Safety data sheet

Date: updated December 2017

Product: ALL-TRACE® Trace element boluses for cattle

SECTION 1: Substance / preparation and company name

ALL-TRACE® Trace element boluses for cattle

Company: AGRIMIN LIMITED
Arlanda Way
Humberside Airport
Kirmington, North Lincolnshire
DN39 6YH
Tel: 01652 688046
Fax: 01652 688049
Email: info@agrimit.co.uk

Emergency information: Tel: GB - 01652 688 046

SECTION 2: Possible hazards

Critical hazards to man and the environment not necessary

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 Selenite	Na_2SeO_3	10102-18-8
Calcium Iodate	$\text{Ca}(\text{IO}_3)_2$	7789-80-2
Zinc Oxide	ZnO	1314-13-2
Zinc Sulphate	Zinc Sulphate Heptahydrate ($\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$)	7446-20-0
Manganese Sulphate	$\text{MnSO}_4 \cdot \text{H}_2\text{O}$	1034-96-5
Copper Oxide	Cupric Oxide (CuO) & Copper(II)Oxide	1317-38-0
Vitamin A/D ₃ Powder	Vitamin A acetate & Vitamin A palmitate	127-47-0
	Vitamin D (cholecalciferol)	67-97-0
Vitamin E Powder	Rovimix E - 50 SD	7695-91-2

Excipients make up 100%



In Confidence

Controlled Document

Agrimin

Page 2 of 4

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 ₂)
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:	Not applicable
Methods for cleaning up:	Not applicable

SECTION 7: Handling and storage

Handling:	Handling boluses containing trace element powders 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



In Confidence

Controlled Document

Agrimin

Page 3 of 4

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 and vitamin cylinder with a resin and wax coating
Colour:	green
Odour:	odourless
Flash point:	>100 °C
Ignition temperature:	> 200 °C
Density:	2.9 g/cm ³
Solubility in water:	Insoluble in water

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 during the manufacturing process of the bolus ingredients could be ingested the following toxicological data would be relevant:

Cobalt carbonate monohydrate	LD50 oral (rat) 697 mg/kg
Sodium selenite	LD50 oral (rat) 7 mg/kg
Zinc sulphate heptahydrate	LD50 oral (rat) 1260 mg/kg
Manganese sulphate	LD50 oral (rat) 2150 mg/kg
Copper oxide	LD50 oral (rat) 470 mg/kg



In Confidence

Controlled Document

Agrimin

Page 4 of 4

SECTION 12: Ecological information

The product may be toxic to aquatic life at low concentrations, and may cause long-term adverse effects in the aquatic environment. Prevent product from entering the water system.

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

Not classified as hazardous under transport regulations

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.