



## SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH), as amended by UK REACH Regulations SI 2019/758

### Ferrabait

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

#### Ferrabait

#### Other means of identification

Pure substance/mixture

Mixture

Formulation type

RB

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use

Molluscicide

Uses advised against

No information available

### 1.3. Details of the supplier of the safety data sheet

#### Supplier

ADAMA Agricultural Solutions UK Ltd

Third Floor East

1410 Arlington Business Park

Theale

READING

RG7 4SA

Tel: 01635 860555

Fax: 01635 861555

For further information, please contact

E-mail address

ukenquiries@adama.com

### 1.4. Emergency telephone number

Emergency Telephone

UK: National Chemical Emergency Centre:

Tel: 01856 407333 (24 hours, 7 days a week)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to GB-CLP Regulations UK SI 2019/720 and UK SI 2020/1567

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 1 - (H318)

### 2.2. Label elements

Labelling according to GB-CLP Regulations UK SI 2019/720 and UK SI 2020/1567  
Hazard pictograms



<b>Signal word</b>	Danger
<b>Hazard statements</b>	H315 - Causes skin irritation H318 - Causes serious eye damage
<b>Precautionary Statements</b>	P264 - Wash contaminated body parts thoroughly after handling P280 - Wear protective gloves/protective clothing/eye protection/face protection P302 + P352 - IF ON SKIN: Wash with plenty of soap and water P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P332 + P313 - If skin irritation occurs: Get medical advice/attention P362 - Take off contaminated clothing and wash before reuse P391 - Collect spillage P501 - Dispose of contents/ container to an approved waste disposal plant
<b>EU Specific Hazard Statements</b>	EUH401 - To avoid risks to human health and the environment, comply with the instructions for use
<b>Additional phrases for PPP</b>	SP1 - Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

### 2.3. Other hazards

<b>PBT &amp; vPvB</b>	The product does not contain any substance(s) classified as PBT or vPvB.
<b>Endocrine Disruptor Information</b>	None known.
<b>Persistent Organic Pollutants</b>	Not applicable.

## **SECTION 3: Composition/information on ingredients**

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Chemical name	CAS No.	EC No	Index No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	REACH Registration Number
Ethylenediaminetetraacetic acid	60-00-4	200-449-4	607-429-00-8	3-5	Acute Tox. 4 (H332) Eye Irrit. 2			01-211948639 9-18

					(H319) STOT RE 2 (H373)			
3-iodo-2-propynyl butylcarbamate	55406-53-6	259-627-5	616-212-00-7	<0.1	Acute Tox. 4 (H302) Aute Tox. 3 (H331) Skin Sens. 1 (H317) Eye Dam. 1 (H318) STOT RE 1 (H372) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)		M=10 M=1	No data available

Acute toxicity estimates (ATEs) according to Part 3 of Annex VI to Regulation (EC) No 1272/2008 are indicated in this table, if available

Full text of H- and EUH-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>General advice</b>	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). First aider: Pay attention to self-protection.
<b>Inhalation</b>	Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a doctor.
<b>Eye contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a doctor.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Consult a doctor if necessary.
<b>Ingestion</b>	Rinse mouth. Drink plenty of water. If symptoms persist, call a doctor.
<b>Self-protection of the first aider</b>	Use personal protective equipment as required.

### 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms** None known.

### 4.3. Indication of any immediate medical attention and special treatment needed

**Note to doctors** Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the

surrounding environment.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

### **5.2. Special hazards arising from the substance or mixture**

**Specific hazards arising from the chemical** No information available.

### **5.3. Advice for firefighters**

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protective equipment.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation.

**For emergency responders** Use personal protection recommended in Section 8.

### **6.2. Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

### **6.3. Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

### **6.4. Reference to other sections**

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

**Advice on safe handling** Ensure adequate ventilation.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

### **7.2. Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place.

### **7.3. Specific end use(s)**

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure Limits**

Chemical name	United Kingdom
Sucrose 57-50-1	TWA: 10 mg/m <sup>3</sup> STEL: 20 mg/m <sup>3</sup>
Starch 9005-25-8	TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup> STEL: 12 mg/m <sup>3</sup>

**Derived No Effect Level (DNEL)** No information available.

**Predicted No Effect Concentration (PNEC)** No information available.

**8.2. Exposure controls****Engineering controls**

Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment****Eye/face protection**

Tight sealing safety goggles.

**Hand protection**

Suitable chemical resistant gloves (EN 374) also with prolonged, direct contact (recommendation: protection index 6, corresponding > 480 minutes Permeability time (permeation) according to EN 374): e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm).

**Skin and body protection**

Use suitable protective clothing and equipment if required, such as safety goggles certified to EN 166, gloves certified to EN 374, protective boots certified to EN 13832, and/or a water repellent woven coverall with 65% polyester and 35 % cotton.

**Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment.

**General hygiene considerations**

Handle in accordance with good industrial hygiene and safety practice.

**Environmental exposure controls**

Local authorities should be advised if significant spillages cannot be contained.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Property	Values	Method	Remarks
<b>Appearance</b>			
Physical state	: Solid		
Colour	: blue		
Odour	: Faint		
Odour threshold	: No data available		
pH	: 4-6	CIPAC MT 75.3	
Melting point / freezing point °C	: No data available		
Boiling point / boiling range °C	: No data available		
Flash point °C	: -		Not Applicable
Evaporation rate	: No data available		

<b>Flammability (solid, gas)</b>	: Not flammable	EC A.10
<b>Upper/lower flammability or explosive limits</b>	: No data available	
<b>Vapour pressure</b> kPa	: Not relevant	
<b>Vapour density</b>	: No data available	
<b>Relative density</b>	: 0.7668 g/mL (bulk)	CIPAC MT 186
<b>Solubility(ies)</b> mg/l	: Not relevant	
<b>Partition coefficient Log Pow</b>	: Not relevant	
<b>Autoignition temperature</b> °C	: -	
<b>Decomposition temperature</b> °C	: Not relevant	
<b>Kinematic viscosity</b> mm <sup>2</sup> /s 40 °C	: Not relevant	
<b>Surface tension</b>	: Not relevant	
<b>Particle Size</b>	: >2000 Sieve size	

See Section 12 for additional Ecological Information  
Not detected

## 9.2. Other information

**Bulk density** g/ml : 0.7806 g/cm<sup>3</sup>

### 9.2.1. Information with regards to physical hazard classes

**Explosive properties** : Not applicable  
**Oxidising properties** : Not applicable

### 9.2.2. Other safety characteristics

No information available

## **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

**Reactivity** No information available.

### 10.2. Chemical stability

**Stability** Stable under normal conditions.

#### Explosion data

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** None under normal processing.

### 10.4. Conditions to avoid

**Conditions to avoid** None known based on information supplied.

### 10.5. Incompatible materials

**Incompatible materials** None known based on information supplied.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** None known based on information supplied.

## **SECTION 11: Toxicological information**

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Numerical measures of toxicity**

	<u>Values</u>	<u>Species</u>	<u>Method</u>	<u>Remarks</u>
Oral LD50 mg/kg	: >2000 mg/kg bw	Rat	OECD 423	
Dermal LD50 mg/kg	: >2000 mg/kg bw	Rat	OECD 402	
Inhalation LC50 mg/L	: >0.56 mg/L	Rat	OECD 403	Maximum attainable concentration
Skin corrosion/irritation	: Non-irritating to the skin	Rabbit	OECD 404	
Serious eye damage/eye irritation	: Not irritating to eyes	Rabbit	OECD 492B	
Sensitisation	: Not a sensitizer		LLNA	LLNA

**Chronic toxicity****Germ cell mutagenicity****Chemical name**

Ethylenediaminetetraacetic acid : Not classified

**Carcinogenicity****Chemical name**

Ethylenediaminetetraacetic acid : Not Carcinogenic

**Reproductive toxicity****Chemical name**

Ethylenediaminetetraacetic acid : Not toxic for the reproductive system

**STOT - Single Exposure****Chemical name**

Ethylenediaminetetraacetic acid : No data available

**STOT - Repeated Exposure****Chemical name**

Ethylenediaminetetraacetic acid : H373 - May cause damage to organs through prolonged or repeated exposure

**Aspiration hazard****Chemical name**

Ethylenediaminetetraacetic acid : No data available

**11.2. Information on other hazards****11.2.1. Endocrine disrupting properties****Endocrine disrupting properties** No information available.**11.2.2. Other information****Other adverse effects** No information available.**SECTION 12: Ecological information****12.1. Toxicity**

<u>Acute toxicity</u>	<u>Values</u>	<u>Species</u>	<u>Method</u>	<u>Remarks</u>
Fish 96-hour LC50 mg/L	: Not needed	Oncorhynchus mykiss	OECD 203	
Crustacea 48-hour EC50 mg/L	: >53.46	Daphnia magna	OECD 202	
Algae 72-hour EC50 mg/L	: >52.8	D. Subspicatus	OECD 201	

Other plants EC50 mg/l :

<u>Chronic aquatic toxicity</u>	<u>Values</u>	<u>Species</u>	<u>Method</u>	<u>Remarks</u>
Fish NOEC mg/l	: Not applicable			
Crustacea NOEC mg/l	: No data available			
Algae NOEC mg/l	: No data available			
Other plants NOEC mg/l	: No data available			

#### Terrestrial Toxicity

Birds Oral LD50 mg/kg

Chemical name

Ethylenediaminetetraacetic acid : ... No data available No data available

Bees Oral LD50 µg/bee

Chemical name

Ethylenediaminetetraacetic acid : ... No data available

#### 12.2. Persistence and degradability

##### Abiotic Degradation

Water DT50 days

Chemical name

Ethylenediaminetetraacetic acid : ... No data available

Soil DT50 days

Chemical name

Ethylenediaminetetraacetic acid : ... No data available

##### Biodegradation

Chemical name

Ethylenediaminetetraacetic acid : Not readily biodegradable

#### 12.3. Bioaccumulative potential

Partition Coefficient

(n-octanol/water) Log Pow

Chemical name

<u>Values</u>	<u>Method</u>	<u>Remarks</u>
Ethylenediaminetetraacetic acid : ...		

Bioconcentration factor (BCF)

Chemical name

Ethylenediaminetetraacetic acid : ... No data available

#### 12.4. Mobility in soil

Adsorption/Desorption

Chemical name

<u>Values</u>	<u>Method</u>	<u>Remarks</u>
Ethylenediaminetetraacetic acid : ...		No data available

#### 12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB

#### 12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

#### 12.7. Other adverse effects

No information available.

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

<b>Waste from residues/unused products</b>	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
<b>Contaminated packaging</b>	Improper disposal or reuse of this container may be dangerous and illegal.
<b>Other information</b>	Waste codes should be assigned by the user based on the application for which the product was used.

## SECTION 14: Transport information

### ADR

14.1 UN number or ID number	Not regulated
14.2	
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not Applicable
14.6 Special Precautions for Users	
Special Provisions	None

### RID

14.1 UN number or ID number	Not regulated
14.2	
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
Environmental hazards	Not Applicable
Special Precautions for Users	
14.5 Environmental hazards	Not Applicable
14.6 Special Precautions for Users	
Special Provisions	None

### IMDG

14.1 UN number or ID number	Not regulated
14.2	
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not Applicable
14.6 Special Precautions for Users	
14.5 Marine pollutant	Not applicable
14.6 Special Precautions for Users	
Special Provisions	None No information available
14.7 Maritime transport in bulk according to IMO instruments	No information available

### IATA

14.1 UN number or ID number	Not regulated
14.2	
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not Applicable
14.6 Special Precautions for Users	
Special Provisions	None

## SECTION 15: Regulatory information

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Trade name / designation	Registration Number(s)	Date
Not Applicable	Not Applicable	Not Applicable

**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

**Authorisations and/or restrictions on use:**

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

**Persistent Organic Pollutants**

Not applicable

**15.2. Chemical safety assessment**

**Chemical Safety Report** A risk assessment was performed according to directive (EC) No. 91/414 or according to regulation (EC) No. 1107/2009

**SECTION 16: Other information****Key or legend to abbreviations and acronyms used in the safety data sheet****Full text of H-Statements referred to under section 3**

H302 - Harmful if swallowed  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H319 - Causes serious eye irritation  
H331 - Toxic if inhaled  
H332 - Harmful if inhaled  
H372 - Causes damage to organs through prolonged or repeated exposure  
H373 - May cause damage to organs through prolonged or repeated exposure  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects

**Legend**

SVHC: Substances of Very High Concern for Authorisation:

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

**Revision date** 25-Feb-2026

**Reason for revision**

**Further information** This material safety data sheet complies with the provisions of Regulation (EC) No 1907/2006, as amended by Regulation (EU) 2020/878.

**Abbreviations and acronyms**

ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road  
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
CAS Number - Chemical Abstracts Service number  
EC Number - EINECS and ELINCS Number  
EINECS - European Inventory of Existing Commercial Substances  
ELINCS - European List of notified Chemical Substances  
IATA - International Air Transport Association  
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air  
IMDG - International Maritime Dangerous Goods  
LC50 - Lethal Concentration to 50 % of a test population  
LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)  
OECD - Organization for Economic Co-operation and Development  
PBT - Persistent, Bioaccumulative and Toxic substance  
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail  
STOT - Specific Target Organ Toxicity  
vPvB - Very Persistent and Very Bioaccumulative

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

**Disclaimer**

**The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.**

**End of Safety Data Sheet**