

SAFETY DATA SHEET

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RUBY GRAIN**UK**

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

1.1. Product identifier

Trade name : RUBY GRAIN
Formulation type : Bait - Cereals

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

Use : Biocide
Type of product : Rodenticide
Users : Amateurs and professionals

1.3. Details of the supplier of the safety data sheet

Responsible for placing on the market : LODI UK
Pensnett Trading Estate 3rd Avenue
KINGSWINFORD - West Midlands DY6 7FD United Kingdom
Tel. 0044 (0)1384 404 242
Email contact: office@lodi-uk.com

1.4. Emergency telephone number

Emergency phone nr : NPIS (National Poison Centre) - Birmingham Unit
[To be called by medical staff or physicians]
City Hospital, Birmingham, B18 7QH, UK
Tel: 0844 892 011

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture

Classification EC 1999/45 : Not classified.

2.2. Label elements

Labelling EC 1999/45 : None.

2.3. Other hazards

Other hazards : Symptoms, see section 4

SECTION 3 Composition/information on ingredients

Hazardous component(s)

Substance name	Contents	CAS No	EC No	Index No	Classification
Difenacoum	: 0.005 %	56073-07-5	259-978-4	607-157-00-X	----- T+: R28 T: R48/25 N: R50-53 ----- Acute Tox. 1 (H300) STOT RE 1 (H372) Aquatic Acute 1 (H400)

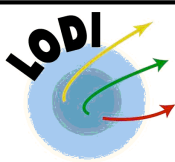
SECTION 4 First aid measures

4.1. Description of first aid measures

- Ingestion : Call a physician immediately.
- Inhalation : Not hazardous.
- Skin contact : Wash skin with mild soap and water.
Seek medical attention if ill effect or irritation develops.

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SECTION 4 First aid measures (continued)

- Eye contact : Rinse with water.
Seek medical attention if ill effect or irritation develops.

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

- Ingestion : Internal haemorrhage
- Inhalation : Inhalation unlikely.
- Skin contact : None.
- Eye contact : None.

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

Emergency medical treatment : No gastric rinsing without specialised medical advice. Vitamin K is the antidote, but note that the administration of vitamin K is not systematic. In certain circumstances, administration of a coagulation factor (PPSB) can be an option under medical advice for more significant exposure and prior exposure.

General information : Obtain medical attention.

SECTION 5 Fire-fighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Water fog.
Foam.
Powder.
Carbon dioxide.

- Unsuitable extinguishing media : None.
Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products : None that are more toxic than the product itself.

5.3. Advice for fire-fighters

Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.

Surrounding fires : Use water spray or fog for cooling exposed containers.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Equip cleanup crew with proper protection.
Gloves.

6.2. Environmental precautions

Environmental precautions : Notify authorities if liquid enters sewers or public waters.
Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Clean up methods : Sweep or shovel spills into appropriate container for disposal.

In case of spillage and/or leakage : Clean up even minor leaks or spills if possible without unnecessary risk.

6.4. Reference to other sections

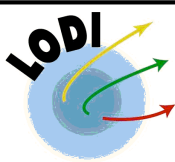
See sections 8 and 13

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SECTION 7 Handling and storage

7.1. Precautions for safe handling

Handling : Keep away from food, drink and animal feeding stuffs. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

Precautions in handling and storage : Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for safe storage, including any incompatibilities

General : Avoid all unnecessary exposure.

Storage : Store in dry, cool area.
Store in tightly closed packings.
Keep in original containers.

7.3. Specific end use(s)

See 1.2.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits : None.

8.2. Exposure controls

Personal protection

- **Respiratory protection** : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
- **Hand protection** : Wear gloves.
- **Skin protection** : No special clothing/skin protection equipment is recommended under normal conditions of use.
- **Eye protection** : Not required.

SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state at 20 °C** : Cereals, grains
- Colour** : Red.
- Odour** : Cereals
- Flash point [°C]** : Not applicable.
- Explosive properties** : The product is not explosive

9.2. Other information

No additional data available

SECTION 10 Stability and reactivity

10.1. Reactivity

See 10.4. and 10.5.

10.2. Chemical stability

Stability : Stable under normal conditions

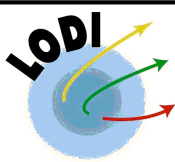
10.3. Possibility of hazardous reactions

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SECTION 10 Stability and reactivity (continued)

Hazardous reactions : None under normal conditions.

Hazardous properties : None under normal conditions.

10.4. Conditions to avoid

Conditions to avoid : Extremely high or low temperatures.

10.5. Incompatible materials

Incompatible materials : None.

10.6. Hazardous decomposition products

Hazardous decomposition products : None.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity:

Rat oral LD50 [mg/kg] : > 2000 mg/Kg

Rabbit dermal LD50 [mg/kg] : > 2000 mg/Kg

Dermal irritation (rabbit) : Not irritating to skin

Eyes irritation (rabbit) : Not irritating to eyes

SECTION 12 Ecological information

12.1. Toxicity

LC50-96 Hour - fish [mg/l] : Difénacoum : 0.064 mg/L

12.2. Persistence - degradability

Persistence - degradability : No data available.

Biodegradation [%] : No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential : No data available.

12.4. Mobility in soil

Mobility : No data available.

12.5. Results of PBT and vPvB assessment

On product : No data available.

12.6. Other adverse effects

Toxicity on terrestrial species : No data available.

Toxicity on birds : No data available.

SECTION 13 Disposal considerations

13.1. Waste treatment methods

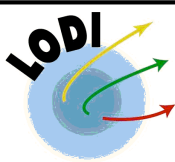
General : Dispose in a safe manner in accordance with local/national regulations.

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SECTION 14 Transport information

14.1. UN Number

UN No : Not applicable.

14.2. UN proper shipping name

- Proper shipping name : None.

14.3. Transport hazard class

- ADR Class : Not applicable.

14.4. Packing group

- ADR Packing group : Not applicable.

14.5. Environmental hazard

Environmental hazard : None.

14.6. Special precautions for user

H.I. nr : Not applicable.

ADR/RID : Not applicable.

SECTION 15 Regulatory information

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

R689/2008 ? : Non

15.2. Chemical Safety Assessment

CSR not available

SECTION 16 Other information

List of relevant R phrases (heading 3) : R28 : Very toxic if swallowed.
R48/25 : Toxic : danger of serious damage to health by prolonged exposure if swallowed.
R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Abbreviations

ADR : Accord européen relatif au transport des marchandises Dangereuses par Routes (French Regulation)
CE / EC : Concentration Efficace / Effective Concentration
CL / LC : Concentration Létale / Lethal Concentration
CSR : Chemical Safety Report
DL : Installations Classées pour l'Environnement (French Regulation)
ICPE : Installations Classées pour l'Environnement (French Regulation)
LQ : Limited Quantity
NSA / NOS : Non Spécifié par Ailleurs / Not Otherwise Specified
ONU / UN : Organisation des Nations Unies / United Nations
RID : Regulations concerning the International Carriage of Dangerous goods by rail (French regulation)

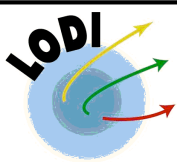
Use advice

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RUBY GRAIN**UK****SECTION 16 Other information (continued)**

Precautions	: Use products safely. Before use, read the label and information concerning the product.
Further data	: Instruction for use and application rate, read technical data sheet and label.
Note	: This Safety Data Sheet has been established in accordance with the Regulation (EC) 1907/2006, Annex II.
Disclaimer of liability	: Before using this product for the first time or in any new process, a thorough material compatibility and safety study should be carried out. Whilst proper care has been taken in the preparation of this document, no liability for injury or damage resulting from the use of the product can be accepted.

The contents and format of this SDS are in accordance with REGULATION (EC) No 453/2010 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

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End of document**LODI UK**

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