

**Material Safety Data Sheet****1. PRODUCT AND COMPANY****1.1 Product identifier**

Product: Insecto pro formula ant bait stations
HSE n°: 10111

1.2 Identified uses

Use: Biocide Insecticide product (PT18)
Insecticide gel bait against ants (RB).

1.3 Supplier's details

Marketing company : **LODI UK Ltd**
Building 69
3rd Avenue, Pensnett trading estate
Kingswinford
DY6 7FD, West Midlands
Tel 01384404242

1.4 Emergency call 112

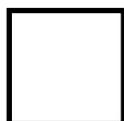
2. HAZARD INFORMATION**2.1 Classification of the mixture**

According to Regulation (EC) No 1272/2008

EC: Exempted from classification.

2.2 Label elements

Hazard-determining components of labelling



EC: Exempted from classification.

According to Regulation (EC) No 1272/2008

P102 Keep out of reach of children.
 P312 Call a POISON CENTER or doctor/physician if you feel unwell.
 P501 Dispose of contents and container according to your national regulations

2.3 Results of PBT and vPvB assessment:

No data available

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Mixture

Description: Bait gel based on active ingredient acetamiprid

Classified components			
Name	N°CAS/EINECS	Concentration % (w/w)	CLP Classification (R1272/2008)
Active ingredient(s)			
Acetamiprid	160430-64-8	1 g/kg 0,1% (m/m)	Acute Tox. 4, H302; Aquatic Chronic 3, H412, GHS07
Other components			
The other ingredients are not present in sufficient concentration to make the dangerous preparation.			

4. FIRST AID MEASURES**4.1 Description of first aid measures**

General information: if the affected person feels unwell medical observation is indicated.

After inhalation: Supply fresh air; consult doctor in case of discomfort.

After skin contact: Drench the affected skin with plenty of soap and water. In case of redness or irritation, consult a doctor.

After eye contact: Rinse opened eyes immediately with plenty of water for at least 10 minutes. Seek medical advice in case of redness or discomfort.

After swallowing: Rinse out mouth with plenty of water. Do not induce vomiting. If symptoms of indisposition persist, seek medical advice (show this container or label).

Information for doctor: Symptomatic treatment

5. FIRE FIGHTING MEASURES**5.1 Extinguishing media**

Suitable extinguishing agents: CO₂, dry chemical powder, foam or water spray

For safety reasons unsuitable extinguishing agents: Water with full jet.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Protective equipment:

If necessary wear self-contained respiratory equipment and dependent on dimensions of fire wear fully protective suit.

Other recommendations

For safety reasons unsuitable extinguishing agents: Water with full jet

In the case of fire wear self-contained respiratory equipment and full protective suit. Contain runoff to prevent entry into water or drainage systems. Cool down exposed product container if possible. Remove exposed packaging to a safe distance, if doing so is not dangerous. Prevent extinction water being emitted into the environment.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedure:

Please notice instructions for person-related safety precautions and wear protective equipment (See 8.)

6.2 Environmental precautions

Do not allow to enter sewers/ surface or ground water. Absorb with liquid-binding material (sand, diatomite, acid or universal binders, sawdust). Shovel the solid product and place into lockable, labelled salvage container for disposal according to the regulations.

6.3 Methods and material for containment and cleaning up

Place into lockable, labelled salvage container for disposal according to the regulations. Use a detergent/water mixture as a cleaning agent. Collect cleaning agent in a suitable container after use.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See section 13 for disposal information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Comply with instructions for use.

When using the product do not eat, drink or smoke.

Wash hands before break and at the end of work.

Technical measures

Provide an eye wash and sanitary installations near workplaces.

Specific precautions

Wash hands after handling

7.2 Conditions for safe storage, including any incompatibilities

Technical measures

Store in tightly closed containers in a cool, well ventilated and dry place.

Do not store food, beverages and animal feeding stuffs in the storage area.

Keep container tightly sealed. Protect from frost.

Temperature

Ambient

Other recommendations

Only store in the original packaging

Do not re-use the empty packaging

7.3 Specific end use(s)

Use only according to instructions

8. EXPOSURE CONTROL / PERSONNAL MEASURES**8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:**

No substances contained that need a monitoring

Control parameters**Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: Based on actual legally binding lists.**8.2 Exposure control****General protective and hygienic measures:**

Avoid unnecessary contact with the product.

Do not eat, drink or smoke at workplace and keep it tidy.

Respiratory protection: Not necessary in normal conditions of use.**Protection of hands:** not needed in normal conditions of use.**Eye protection:** not needed in normal conditions of use.**Body protection:** not needed in normal condition of use.**Limitation and supervision of exposure into the environment:**

Do not allow to enter sewers/ surface or ground water. Inform respective authorities in case of seepage into water course or sewage system.

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties****Appearance:****Form:**

gel

Colour:

golden

Odour:

fruity

pH diluted :

3,5 – 6,0 (1%, 500 ppm)

Flash point:

> 110°C

Relative density (g/ml):

1,05 – 1,45 g/ml

Solubility:

soluble in water

Viscosity:

50000 – 300000 mPas.s (at 20°C)

9.2 Other informations

No further relevant information available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical stability

No decomposition if used according to specifications

10.3 Possibility of hazardous reaction

No hazardous reactions known if used according to specifications

10.4 Conditions to avoid

Keep product away from frost.

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

None under normal conditions of storage and use.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification:

No data are available for the preparation. All informations on toxicity are related to the pure active substance.

Acetamiprid (CAS n°160430-64-8)

Oral LD50	417 mg/kg (rat (male))
	314 mg/kg (rat (female))
Dermal LD50	>2000 mg/kg (rat)
Inhalative LC50/4h	1.15 mg/l (rat)

Primary irritant effect:

On the skin: No data.

On the eye: No data.

Sensitization: No data.

Germ cell mutagenicity:

Ames test: Negative

Chromosomal aberration test: Positive

Micronucleus test (mouse): Negative

Uds study: Negative

Carcinogenicity:

Rat: Negative

Mouse: Negative

Reproductive toxicity:

Rat: Negative

Sub-acute toxicity:

90-days repeated dose toxicity test

Noael (rat): 12.4 mg / kg (male), 14.6 mg / kg (female)

Chronic toxicity:

Noael (rat): 7.1mg/kg/day (male), 8.8mg/kg/day (female) (2 years).

Noael (mouse): 20.3 mg/kg/day (male), 25.2 mg/kg/day (female) (1.5 years)

Teratogenicity:

Rat: Negative

Rabbit: Negative

Additional toxicological information:

The product is not subject to classification according to the calculation method of the "Dangerous preparation directive" as issued in the latest version.

According to our experiences and all available information provided to us, the product does not have any harmful effects when used and handled according to specifications.

12. ECOLOGICAL INFORMATION**12.1 Toxicity**

All information on ecotoxicity is related to the pure active substance(s).

Ecotoxicological effects:**Aquatic toxicity:****For the active ingredient: Acetamiprid**

Acute Toxicity for fish LC50 (Bluegill sunfish) :	>119.3 mg/L (96 hrs)
LC50 (Rainbow trout) :	>100 mg/L (96 hrs)
Acute Toxicity for Daphnia: EC50:	49.8 mg/l (48 hrs)
Acute Toxicity for Algae: EC50	>98.3 mg / l (72 hrs)
Acute oral toxicity for bee LD50:	8.85 µg ai/bee (Acetamiprid 20%)
Acute contact toxicity for bee LD50:	9.26 µg ai/bee (Acetamiprid 20%)

12.2 persistence and degradability

For the active ingredient acetamiprid: not readily biodegradable

12.3 Bioaccumulative potential

For the active ingredient acetamiprid: not bioaccumulative.

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Not applicable.

12.6 Other adverse effects

No data available

Additional ecological information:

Toxic to aquatic organisms, may cause long-term adverse effects to the aquatic environment. Do not allow product to reach ground water, water course or sewage system, even in small quantities.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods



Do not dispose waste or remains together with domestic waste, do not empty into sink or toilet, hand over to hazardous waste disposers. Do not allow product/contaminated cleaning water to reach ground water, water course or sewage system. The unused product must be eliminated as a hazardous waste under the user responsibility. The unsoiled packaging can be eliminated as a non-hazardous waste under the user responsibility.

Disposal of soiled packaging

Do not reuse empty contaminated packaging for other purposes; dispose according to official regulations.

14. TRANSPORT INFORMATION

14.1 UN number

Not classified

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class

Not applicable

14.4 packing group

Not applicable

14.5 Environmental hazards

Not applicable

14.6 Special precaution for user

Not applicable

14.7 transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

15. INFORMATIONS REGLEMENTAIRES

15.1 Safety, health and environmental regulations/legislation for the mixture

This formulation is beyond the scope of Regulation (EC) No 2037/2000 of European Parliament and the Council of 29 June 2000 on substances that deplete the ozone layer.

This formulation is beyond the scope of Regulation (EC) No 850/2004 of the European Parliament and the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

This formulation is beyond the scope of Regulation (EC) No 689/2008 of the European Parliament and the Council of 17 June 2008 concerning the export and import of dangerous chemicals.

This formulation is not subject to special provisions for the protection of human health or the environment at Community level.

15.2 Chemical safety assessment

No chemical safety assessment available

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H302 Harmful if swallowed.

H412 Harmful to aquatic life with long lasting effects.

Updates:

- Section 9

Abbreviations and acronyms:

CAS: Chemical Abstracts Service (division of the American Chemical Society)

EINECS: European Inventory of Existing Commercial Chemical Substances

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CLP: REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

Also refer to technical instructions for use.

The data contained in this material safety data sheet are based on the current level of scientific and technical knowledge in this domain and at the date of the last update and are given bona fide.

These data cannot be used to confirm the product properties and do not constitute a legal or a contractual covenant. These data shall not be used as an order basis.

This sheet completes the technical data but do not replace them.

The user bears full responsibility for knowing and applying the legal texts, the handling procedures and the safety measures linked to the product use.

The entirety of the regulatory and legal prescriptions mentioned can only be used as a support to help the user fulfilling his duty in the use of the aforementioned product.

It is advised to consult the national or international measures that can apply because the measures contained in this sheet should not be considered to be exhaustive.

This document does not exempt the user to make sure that others obligations devolve upon himself in particular regarding to product's possession, use or specification and for which he is fully responsible.