

SAFETY DATA SHEET

Compilation date: June 2017, revision 3.0

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 - Product identifier**Commercial name: **BLATTOXUR® FORMICHE MicroGranuli**

Health Ministry Registration (Italy) # 19883

1.2 - Relevant identified uses of the substance or mixture and uses advised against**Micro granular insecticide against ants and other crawling insects. Domestic and civil use.****Use not recommended: Do not use in agriculture.****1.3 - Details of the supplier of the safety data sheet****BLEU LINE S.r.l.** Via Virgilio, 28 - Z.I. Villanova 47122 Forlì (FC) Italy Tel (+39) 0543.754430 Fax (+39) 0543.754162**Responsible technician for the SDS compilation:** bleuline@bleuline.it**1.4 - Emergency telephone number**

In case you feel unwell contact one of the following poisoning centres:

Hospital	City	Address	ZIP CODE	Telephone
Az. Osp. Univ. Foggia	Foggia	V.le Luigi Pinto, 1	71122	(+39) 0881-732326
Az. Osp. "A. Cardarelli"	Naples	Via A. Cardarelli, 9	80131	(+39) 081-7472870
CAV Policlinico "Umberto I"	Rome	V.le del Policlinico, 155	00161	(+39) 06-49978000
CAV Policlinico "A. Gemelli"	Rome	Largo Agostino Gemelli, 8	00168	(+39) 06-3054343
Az. Osp. "Careggi" U.O. Tossicologia Medica	Florence	Largo Brambilla, 3	50134	(+39) 055-7947819
CAV Centro Nazionale di Informazione Tossicologica	Pavia	Via Salvatore Maugeri, 10	27100	(+39) 0382-24444
Osp. Niguarda Ca' Granda	Milan	Piazza Ospedale Maggiore, 3	20162	(+39) 02-66101029
Azienda Ospedaliera Papa Giovanni XXII	Bergamo	Piazza OMS, 1	24127	(+39) 800883300

2. HAZARDS IDENTIFICATION**2.1. Classification of the substance or mixture****2.1.1. Regulation 1272/2008 (CLP) and further amendments and adaptations****HAZARD SYMBOLS:** None**RISK PHRASES:** None**BLEU LINE s.r.l.**Via Virgilio, 28 - Z.I. Villanova 47122 Forlì (FC) - (ITALY)
Tel. +39 543 754430 - Fax +39 543 754162 - E-mail: bleuline@bleuline.it

2.2. Label elements

Hazardous symbols: none

Signal word: none

Hazard statements: none

Hazard-determining components of labeling : none

Precautionary statements:

P102 Keep out of reach of children.

P270 Do not eat, drink or smoke when using this product.

P312 Call a POISON CENTER or doctor/physician if you feel unwell

P501 Dispose of contents/container according to your local/national regulations.

2.3 - Other hazards

It doesn't contain PBT or vPvB substances.

3. COMPOSITION/INFORMATION ON THE INGREDIENTS3.1 Substances

Not applicable information

3.2 Mixtures**Chemical description:** Micro granular insecticide (MG) based on the active substance Acetamiprid.

It contains:

CHEMICAL NAME	CONC.	CLASSIFICATION 1272/2008 (CLP)
ACETAMIPRID CAS 160430-64-8	2 g/Kg 0,2% (w/w)	GHS07, H302, H412
SULFURIC ACID, MONO C12-14-ALKYL ESTERS, SODIUM SALTS CAS 85586-07-8	<1% (w/w)	GHS05, GHS07, H318, H400, H302, H312, H335, H315

The complete text of the (H) hazard-phrases can be found in section 16 of the sheet.

4. FIRST AID MEASURES4.1 Description of first aid measures**General measures:** if the affected person feels unwell, put in the lateral security position.4.2 Most important symptoms and effects, both acute and delayed**After inhalation:** not applicable, since the granulometry of the preparation.**After contact with skin:** the product is not irritant but it is recommended the following indications: wash with plenty of soap and water. In case of persistent irritations, consult a doctor.**After contact with eyes:** Rinse immediately with plenty of water. In case of persistent irritations, consult a doctor.**After swallowing:** If swallowed, consult a physician (show this container or label). Contact the nearest poison center. In case of ingestion by animals, contact rapidly a veterinarian.4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

5. FIREFIGHTING MEASURES5.1 Extinguishing media**Suitable fire extinguishing means:** Dry powder, suitable powders, CO₂, nebulized water, foam.**Extinguishing means to be avoided:** Full water stream if it exists the risk of pollution of the sewers and groundwater.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Protective equipment: Before intervening, wear protective equipment. Wear a suitable self-breathing apparatus and complete protection clothing.

Special procedures: Prevent the fire-extinguishing water from contaminating the environment. Avoid the dispersion of contaminated material.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use suitable individual protection means and see the prescriptions for the personal security (see sect. 8).

6.2 Environmental precautions

Do not allow to enter sewers, surface or ground water.

6.3 Methods and material for containment and cleaning up

Collect by means of suitable means using suitable gloves. Place into lockable, labeled salvage container for disposal according to the regulations.

6.4 Reference to other sections

See section 7 for a safe handling. See section 8 for individual protection means. See section 13 for informations about the disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Follow the instructions for the use reported on the label. Do not eat, drink or smoke when using the product. Wash hands after handling. Respect the good working practices for the handling of the chemical substances.

7.2 Conditions for safe storage, including any incompatibilities

Recommended packaging material

P.E.H.D.

Steel G3

Stems internally painted

Technical measures

Store in a cool, well ventilated and dry place.

Keep away from food, drink and animal feeding stuffs.

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 specifications reported on the authorized label.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ensure a good ventilation and/or aspiration in working areas.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace

The preparation doesn't contain components with critical evaluation to be monitored in working place.

Additional informations

Evaluation based on the current list in force.



8.2 Exposure control

General precautions:

Use the good working practices for the handling of the chemical substances. Take off the contaminated clothing and wash with care before use them again. Avoid direct contact with the preparation when not necessary. Do not eat, drink or smoke in the working places and keep them cleaned.

Breathing protection:

Not required in normal conditions of use. In case of intensive use, it is recommended to wear a mask (P2 type).

Hand protection:



Not required in normal conditions of use. It is recommended the use of gloves in case of intensive use. Do not reuse the gloves in case of them internal contamination, drilling or in the case that the external contamination can't be eliminated. **Type of gloves:** since the missing of specific tests, it is not possible to supply recommendations about the material to be used during the handling of the product. The choice of the protective gloves doesn't depend only from the type of material, but also from the quality parameters which change from manufacturer to manufacturer. Given that the product is a preparation composed of different chemical substances, the resistance of the gloves can't be calculated preventively and must be verified before the use. **Time of penetration through the gloves:** the exact resistance of the gloves to the penetration by chemical agents must be calculated from the manufacturer, and must be well evaluated from the users.

Eyes protection:



Not required in normal conditions of use.

Skin protection:

Wear protective clothing.

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

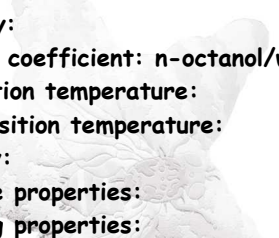
9.1 Information on basic physical and chemical properties

Appearance:	Micro granule (MG)
Granulometry:	63-800 µm
Colour:	grayish white
Odour:	none
Odour threshold:	not applicable
pH:	6,5-8,3 (1% H ₂ O)
Melting or freezing point:	not available
Initial boiling point:	not applicable
Boiling range:	not applicable
Flash point:	not applicable
Evaporation rate:	not applicable
Flammable solids and gases:	not available
Lower flammable limit:	not available
Upper flammable limit:	not available
Lower explosive limit:	not available
Upper explosive limit:	not available
Vapour pressure:	not applicable
Vapour density:	not applicable
Density:	900-1100 Kg/m ³



BLEU LINE s.r.l.

Via Virgilio, 28 – Z.I. Villanova 47122 Forti (FC) - (ITALY)
Tel. +39 543 754430 - Fax +39 543 754162 - E-mail: bleuline@bleuline.it



Solubility:	soluble in water
Partition coefficient: n-octanol/water:	not available
Autoignition temperature:	not available
Decomposition temperature:	not available
Viscosity:	not applicable
Explosive properties:	not applicable
Oxidising properties:	not applicable

9.2 Other information

No available information.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under normal handling and storing conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used according to specifications

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

None under normal storing and using conditions.

10.6 Hazardous decomposition products

None under normal storing and using conditions.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:

LD/LC50 evaluations relevant for the classification:

Currently data are not available for the preparation. All the informations about the acute toxicity are relative to the active substance,

Acetamiprid

LD50 oral 417 mg/kg (rat (male))

314 mg/kg (rat (female))

LD50 dermal >2000 mg/kg (rat)

LC50/4h inhalation 1.15 mg/l (rat)

Irritating acute effects:

skin: no data available.

eyes: no data available.

sensitization: no data available.

Mutagenicity:

Ames test: Negative

Chromosomal aberration test: Positive

MicronucleusTest : Negative

Uds study: Negative

Cancerogenicity:

Rat: Negative



Mouse: Negative

Reproduction 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) 7,1 mg/kg/day (male); 8,8 mg/kg/day (female) (test at 2 years)

Noael (mouse) 20,3 mg/kg/day (male); 25,2 mg/kg/day (female) (test at 1,5 years)

Teratogenicity:

Rat: Negative

Rabbit: Negative

Additional toxicological informations:

The preparation is not classified , see point 2.

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

12. ECOLOGICAL INFORMATION12.1 Toxicity

Currently data are not available for the preparation. All the informations about the ecotoxicological informations are relative to the active substance,

Ecotoxicological effects:**Toxicity for the aquatic environment:****Acetamiprid**

EC 50/96h >100 mg/l (rainbow trout)

EC 50/96h > 119.3 mg/l (Bluegill sunfish)

EC50/48h 49.8 mg/l (Daphnia magna)

IbC50/72h >98.3 mg/l (Scenedesmus subspicatus - Algae)

Toxicity for bee:**Acetamiprid**

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 biodegradability

For Acetamiprid, not readily biodegradable.

12.3 Bioaccumulation potential

For Acetamiprid, not bioaccumulable.

12.4 Soil mobility

No data available.

12.5 PBT and vPvB assessment result

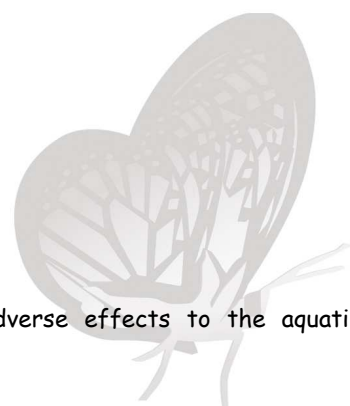
Not applicable.

12.6 Other adverse effects

No available information.

Additional ecological information:

The pure active substance is harmful to aquatic organisms, may cause long-term adverse effects to the aquatic environment. Do not discharge into surface water, groundwater and sewage systems



13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment method



For professional users:

Product not used must be disposed as dangerous waste under the user responsibility. The packing of the product well cleaned can be disposed as waste not dangerous under the user responsibility. Do not throw residues into water course or sewage systems.

For non-professional users:

Dispose remains of the product not used according to municipal norms about the disposal of this kind of waste, for example in case of disposal in landfill, the recycling of packaging is prohibited. Do not throw residues into water course or sewage systems.

13.2 Treatment empty packing

Dispose empty packaging according to municipal norms about the disposal of this kind of waste, for example in case of differentiated collection of the packaging, the containers can be differentiated if they are conform to the indicated specifications of the materials.

14. TRANSPORT INFORMATION

RID/ADR not classified

SEA TRANSPORT not classified

AIR TRANSPORT not classified

14.1 UN number

Not classified

14.2 Un proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not applicable

14.6 Special precautions for user

Not applicable

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

Not applicable

15. REGULATORY INFORMATION

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

This formulation is beyond the scope of Regulation (EC) No 2037/2000 on substances that deplete the ozone layer.

This formulation is beyond the scope of Directive 79/119/EEC and further Regulation 850/2004/EC concerning the persistent organic pollutants.

This formulation is beyond the scope of Regulation (EC) No 689/2008 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.

BLEU LINE s.r.l.

Via Virgilio, 28 – Z.I. Villanova 47122 Forti (FC) - (ITALY)
Tel. +39 543 754430 - Fax +39 543 754162 - E-mail: bleuline@bleuline.it

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.

Revision number: 3.0.

Compilation date: June 2017.

Text of Hazard statements (H) of section 2-3 of the sheet:

H302	Harmful if swallowed.
H312	Harmful in contact with skin
H315	Causes skin irritation
H318	Causes serious eye damage
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H412	Harmful to aquatic life with long lasting effects.

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: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).

Updates

This document was updated in compliance with Regulation n° 453/2010 and differs from the previous version in the sections: 2/3/9/16

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 in good faith.

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.



BLEU LINE s.r.l.

Via Virgilio, 28 – Z.I. Villanova 47122 Forti (FC) - (ITALY)
Tel. +39 543 754430 - Fax +39 543 754162 - E-mail: bleuline@bleuline.it