Kwizda
Biocides

Material Safety Data Sheet

1. PRODUCT AND COMPANY

1.1Product identifier

Product : **AMP 2 MG**

1.2 Identified uses

Use Biocide insecticid product (PT18)
Microgranules based on acetamiprid

1.3 Supplier's details

Company : **Kwizda-France S.A.**
30 avenue de l'Amiral Lemonnier
78160 Marly-le-Roi
Tel. + 33 (0)1.39.16.09.69
Fax. + 33 (0)1.39.16.47.07

1.4 Emergency call

112
Paris antipoison center Tel : +33 (0)1 40 05 48 48

2. HAZARDS IDENTIFICATION

2.1 Classification of the mixture

Exempted from classification

2.2 Label elements

Identification symbol and letter
Not applicable

According to directive 67/548/EEC or directive 1999/45/EC

Precautionnary statement

S2	Keep out of the reach of children
S13	Keep away from food, drink and animal foodstuffs
S20/21	When using do not eat, drink or smoke
S22	Do not breathe dust
S46	If swallowed, seek medical advice immediately and show this container or label.

According to (EC) 1272/2008 regulation

P102 Keep out of the reach of children
P103 Read label before use.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P501 Dispose of contents/container according to national regulation in a waste disposal center.

2.3 Other hazards

No data available

3. COMPOSITION / INFORMATION ON COMPONENTS

Chemical caracterisation : mixture
Description : Microgranules based on the active substance acetamiprid
Hazardous ingredients

Name	N°CAS	Concentration	Classification 67/548/EEC	CLP Classification (R1272/2008)
Active ingredient(s)				
Acetamiprid	160430-64-8	2g/kg 0.2 % (w/w)	Xn R22 R52/53	Acute Tox. 4, H302; Aquatic Chronic 3, H412 *GHS07*
Other components				
Sulfuric acid mono-C12-14-alkyl esters, sodium salts	85586-07-8	< 1% (w/w)	Xn, R22, R38, R41	GHS05, GHS07, H318, H400, H302, H312, H335, H315

4. FIRST AID MEASURES

4.1 Description

In case of unconsciousness place patient stably in side position for transportation.

4.2 Most important effects

After inhalation
Supply fresh air. If symptoms persist, consult a doctor.

Contact with the skin
In general the product is not irritant to skin but it is recommended to wash affected skin areas with water and soap and rinse thoroughly. In case of redness or irritation, consult a doctor.

Contact with the eyes
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Ingestion
After swallowing, accident or faintness, consult a doctor and show the label.
Consult the antipoison center.

4.3 indication of special treatment

Symptomatic treatment

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

CO2, dry chemical powder, foam or water spray.
Water with full jet can be unsuitable if you cannot contain the runoff.

5.2 Special hazards

No special hazard

5.3 Advice for firefighters

In the case of fire wear self-contained respiratory equipment and full protective suit.

Other recommendations
Contain runoff to prevent entry into water or drainage systems.

6. ACCIDENTAL RELEASE MEASURE

6.1 Personal precautions, protective equipement and emergency procedure :

Please notice instructions for person-related safety precautions and wear protective equipment, see section 8.

6.2 Environnement protection

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

6.3 Clean-up procedure

Methods and material for containment and cleaning up:
Protect entrances to drains. Pick up mechanically the solid product.
Place into lockable, labelled salvage container for disposal according to the regulations.

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

While handling pay attention to the usually precaution for chemicals.
Comply with instructions for use.
Do not eat, drink or smoke at work.
Do not breathe dust.
Avoid unnecessary contact.
Wash hands after use.

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.

8. EXPOSURE CONTROL / PERSONNAL PROTECTION

Provide good ventilation or exhaust at work.

8.1 Control parameters

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

Personal protective equipment:
General protective and hygienic measures:
Avoid unnecessary contact with the product. Do not eat, drink or smoke at workplace and keep it tidy. Remove soiled and/or soaked clothing immediately and wash carefully before reuse.

Respiratory protection:
Not necessary in a normal use condition. In case of intensive use, a filtering mask is recommended.

Hands protection:

In case of intensive use, protective gloves are recommended. Dispose of when contaminated inside, when perforated or when contamination outside cannot be removed.

Material of gloves
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Eye protection:

Protective googles not necessary in a normal use condition but are recommended in case of intensive use.

Body protection :
Protective work clothes recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Solid
Colour:	White
Odour:	Odourless
pH	6,5 – 8,3 (1% H_2O at 20°C)
Flash point:	Not applicable
Flammability	No data
Self ignition	Not self igniting
Relative density:	900 – 1100 kg/m^3
Particle size :	63 – 800 µm
Solubility:	Dispersible

9.2 Other informations

No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under usual conditions

10.3 Possibility of hazardous reaction

No hazardous reactions known if used according to specifications.

10.4 Condition to avoid

No further relevant information available

10.5 Incompatible materials

No further relevant information available. No known incompatibility with the packaging material. Avoid to mix with other chemicals.

10.6 Hazardous decomposition products

None under normal conditions of storage and use

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

No data for the mixture

LD/LC50 values relevant for classification of active substance acetamiprid (technical grade) :
Acute toxicity:
Oral LD50 (rat): 417 mg/kg (male) 314 mg/kg (female)
Dermal LD50 (rat): > 2000mg/kg
Inhalation LC50 (rat): > 1.15 mg / l / 4hrs.

Skin corrosion/irritation:
Dermal (rabbit): Negative

Serious eye damage/irritation:
Eyes (rabbit): Negative

Respiratory or skin sensitization:
Respiratory: Not available
Dermal(guinea pig): Negative

Germ cell mutagenicity:
Ames test: Negative
Chromosomal aberration test: Positive
Micronucleus test(mouse): Negative
UDS study: Negative

Carcinogenicity:

Rat: 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 year)

Teratogenicity:
Rat: Negative
Rabbit: Negative

12. ECOLOGICAL INFORMATION

No data for the mixture. All data

12.1 Toxicity
Ecotoxical effects of the active substance acetamiprid (technical grade):
Aquatic toxicity:

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 persistance and degradability

Not readily biodegradable

12.3 Bioaccumulative potential

This substance is not bioaccumulative

12.4 Mobility in soil

No data

12.5 Results of PBT and vPvB assessment

Not applicable

12.6 Other adverse effects

Not applicable

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.

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

For professionnals:
The unused product and the soiled packaging must be disposed as an hazardous waste under the user responsability.
For amateurs:
The unused product and the soiled packaging must be disposed according to the official local or municipal regulation, for example by bringing at the local waste disposal center.
Do not reuse empty contaminated packaging for other purposes.

Disposal of soiled packaging
For professionnals: The unsoiled packaging can be disposed as a non hazardous waste under the user responsability.

For amateurs: The unsoiled packaging can be disposed as a non hazardous waste under the user responsability. Do not dispose waste or remains together with domestic waste, do not empty into sink or toilet.

14. Transport information

RID/ADR Not regulated
MARITIME Not regulated
AIR Not regulated

14.1 UN number

Not applicable

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. Regulatory information

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 risk assessment available

15.3 Other regulatory informations

No further information available

16. OTHER INFORMATIONS

R-phrase & H-phrase paragraph 3

R22 Harmful if swallowed.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.

Updates:
This document differs from the previous version in the following areas:
- Section 2 : CLP classification

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 inparticular regarding to product's possession, use or specification and for which he is fully responsible.