

Safety data sheet

according to 1907/2006/EC, Article 31

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

1.1 Product identifier

Trade name: AMP 2 MG

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

Application of the substance / the mixture Insecticide (biocide PT18) ; Microgranules ; GR.

1.3 Details of the supplier of the safety data sheet

Kwizda Agro GmbH
 Universitätsring 6
 A- 1010 Vienna
 Tel.: +43 (0) 59977 10 0

Further information obtainable from: Kwizda Biocides, Email: regulatory@kwizda-france.com

1.4 Emergency telephone number: Call local emergency information.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms Void

Signal word Void

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P260 Do not breathe dust / spray.

P273 Avoid release to the environment.

P501 Dispose of contents/container to appropriate waste disposal in accordance with local/national regulations.

2.3 Other hazards No further relevant information available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description:

Microgranules based on the active substance acetamiprid [2 g/kg (w/w); CAS N°: 135410-20-7; PT18]

Dangerous components:		
CAS: 135410-20-7 EC number: 603-921-1 Index number: 608-032-00-2	acetamiprid ----- Acute Tox. 3, H301; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=10)	0.2%
CAS: 144-55-8 EINECS: 205-633-8	sodium hydrogencarbonate substance with a Community workplace exposure limit	25 - 50%
CAS: 7757-82-6 EINECS: 231-820-9	sodium sulphate substance with a Community workplace exposure limit	25 - 50%

Additional information:

Contains a bittering agent (denatonium benzoate).

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For the wording of the listed hazard phrases refer to section 16.

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SECTION 4: First aid measures



First aid

4.1 Description of first aid measures

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

After skin contact:

Remove contaminated clothes, wash the affected skin with plenty of water and soap.
In case of irritation seek medical treatment.

After eye contact:

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

After swallowing:

Rinse out mouth with plenty of water. If symptoms of indisposition persist, seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

SECTION 5: Firefighting 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:

Do not inhale explosion gases or combustion gases.

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

Additional information

Contain runoff to prevent entry into water or drainage systems.

Dispose of fire debris and contaminated fire fighting water according to the regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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

Avoid contact with skin and eyes.

Keep unprotected persons away.

6.2 Environmental precautions:

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

Advise water authority in case of seepage into water course or sewage system.

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6.3 Methods and material for containment and cleaning up:

Pick up mechanically, place into labelled containers for disposal.

Clean affected area with plenty of water. Place into lockable labelled container for disposal according to the regulations.

6.4 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.

SECTION 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.

Avoid any contact with skin, eyes and clothes.

Wash hands before break and at the end of work.

Information about fire - and explosion protection: No further relevant information available.**7.2 Conditions for safe storage, including any incompatibilities****Requirements to be met by storerooms and receptacles:**

Store only in tightly closed original receptacles.

Protected from moisture.

Information about storage in one common storage facility:

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

Further information about storage conditions:

Keep out of the reach of children and domestic animals.

Close the cap after use.

Keep only in original packaging.

Store containers upright.

7.3 Specific end use(s) Use only according to instructions.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities:

Provide sufficient ventilation, particularly in closed areas.

8.1 Control parameters**Ingredients with limit values that require monitoring at the workplace:****CAS: 57-50-1 sucrose, pure**PRD (Lithuania) Long-term value: 10 mg/m³VME (France) Long-term value: 10 mg/m³TWA (Italy) Long-term value: 10 mg/m³; A4TLV (Estonia) Long-term value: 10 mg/m³VLE (Portugal) Long-term value: 10 mg/m³; A4; erosão dentalLEP (Spain) Long-term value: 10 mg/m³**CAS: 144-55-8 sodium hydrogencarbonate**NPK (Czechia) Short-term value: 10 mg/m³, Long-term value: 5 mg/m³; I, VAER (Latvia) Long-term value: 5 mg/m³**CAS: 7757-82-6 sodium sulphate**AER (Latvia) Long-term value: 10 mg/m³

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PRD (Lithuania) Long-term value: 10 mg/m³**Regulatory information**

NPK (Czechia): 246/2018 Sb., 29.10.2018

TLV (Estonia): Töökeskkonna keemiliste ohutegurite piirnormid

VME (France): ED 984, 10.2016

TWA (Italy): Valori Limite di Soglia

AER (Latvia): MK noteikumi nr. 407, 10.07.2018

PRD (Lithuania): HN 23:2011

VLE (Portugal): NP 1796:2014

LEP (Spain): Límites de exposición profesional para agentes químicos

Additional information: Based on actual legally binding lists.**8.2 Exposure controls****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.

Avoid inhalation of dust or spray.

Remove contaminated clothing and wash carefully before reuse.

Wash hands before break and at the end of work.

Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation.**Protection of hands:**

Chemical resistant gloves (EN 374) recommended

Wash when contaminated. Dispose of when contaminated inside, when perforated or when contamination outside cannot be removed.

Material of gloves

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

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.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Safety goggles recommended.**Body protection:** Protective clothing recommended.**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.

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

Microgranules

Colour:

White

Odour:

Whithout characteristic odor

Odour threshold:

Not determined

pH:

6.5 - 8.5 (1%, diluted)

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Change in condition

Melting point/freezing point: Not available
Boiling point/boiling range: No data available

Flash point: Not applicable.
Flammability (solid, gas): Not highly flammable
Decomposition temperature: No data available.
Auto-ignition temperature: Product is not selfigniting

Explosive properties: Not explosive
Explosion limits: No data available.
Oxidising properties: The mixture does not contain any substances with oxidising properties.

Vapour pressure: Not applicable.
Evaporation rate: Not applicable
Vapour density: No data available.

Density:

Pour density: 1.1 - 1.3 g/ml
Tap density: 1.1 - 1.4 g/ml

Specific density: Not determined.

Solubility in / Miscibility with water: Dispersible.

Partition coefficient: n-octanol/water: No data available.

Viscosity

Dynamic: Not applicable.
Kinematic: Not applicable.

9.2 Other information No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used according to specifications.

10.4 Conditions to avoid Moisture, frost, light exposure, heat exposure.

10.5 Incompatible materials: Do not mix with other products.

10.6 Hazardous decomposition products: None under normal conditions of storage and use.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

For the product there are no toxicological data available. All data refer to the active substance(s).

CAS: 135410-20-7 acetamiprid

Oral	LD50	195 mg/kg (rat)
Dermal	LD50	> 2,000 mg/kg (rat)

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Inhalative	LD50	> 1.15 mg/l (rat)
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Primary irritant effect:**Skin corrosion/irritation** Based on available data, the classification criteria are not met.**Serious eye damage/irritation** Based on available data, the classification criteria are not met.**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.**Developmental toxicity:** Acetamiprid, rat/rabbit: negative**Germ cell mutagenicity**

Acetamiprid:

Ames test: negative; Chromosomal aberration test: positive;

Micronucleus test (mouse): negative; Uds study: negative

Carcinogenicity Acetamiprid, rat/mouse: negative**Reproductive toxicity** Acetamiprid, rat: negative**STOT-single exposure** Based on available data, the classification criteria are not met.**STOT-repeated exposure** Based on available data, the classification criteria are not met.**Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity**Aquatic toxicity:**

For the product there are no ecotoxicological data available. All data refer to the active substance.

CAS: 135410-20-7 acetamiprid

LC50/96h	> 100 mg/l (rainbow trout, <i>Oncorhynchus mykiss</i>)
EC50/48h	0.024 mg/l (harlequin fly, <i>Chironomus riparius</i>) 49.8 mg/l (water flea, <i>Daphnia magna</i>)
ErC50/72h	> 98.3 mg/l (alga, <i>Desmodesmus subspicatus</i>)

12.2 Persistence and degradability Acetamiprid: not readily biodegradable**12.3 Bioaccumulative potential** Acetamiprid: not bioaccumulative**12.4 Mobility in soil** No further relevant information available.**12.5 Results of PBT and vPvB assessment**

According to the Competent authority report (CAR, August 2018, Regulations (EU) N°528/2012 and N°2018/1129), the acetamiprid substance fulfills with vP and T criteria.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods**Recommendation**

Do not empty dispose waste or remains into sink or toilet, hand over to hazardous waste disposers.

European waste catalogue 07 04 13: solid wastes containing dangerous substances**Uncleaned packaging:****Recommendation:**

Disposal must be made according to official regulations.

Do not re-use container for any purpose.

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Not completely emptied packaging is to be disposed of in the same manner as the product.

SECTION 14: Transport information

14.1 UN-Number

ADR Void

14.2 UN proper shipping name

ADR Void

14.3 Transport hazard class(es)

ADR

Class Void

14.4 Packing group

ADR Void

14.5 Environmental hazards:

Not applicable.

14.6 Special precautions for user

Not required.

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

Not applicable.

UN "Model Regulation":

Void

SECTION 15: Regulatory information

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

National regulations: -

Additional information:

Use biocides safely. Always read the label and product information before use.

Other regulations, limitations and prohibitive regulations

This formulation is beyond the scope of Regulation (EC) No 1005/2009 of the 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 2019/1021 of the European Parliament and the Council of 20 June 2019 on persistent organic pollutants.

This formulation is beyond the scope of Regulation (EC) No 649/2012 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: A Chemical Safety Assessment has not been carried out.

SECTION 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

H301 Toxic if swallowed.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

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Further information:

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008: Calculation method

Abbreviations and acronyms:

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

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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

EINECS: European Inventory of Existing Commercial Chemical Substances

LC50: Lethal Concentration, 50 percent

LD50: Lethal Dose, 50 percent

EC50: maximal Effective Concentration, 50 percent

PBT: persistent, bioaccumulative and toxic properties

vPvB: very persistent and very bioaccumulative properties

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

Acute Tox. 3: Acute toxicity – Category 3

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

Data compared to the previous version altered - Section 9