

# Kwizda

Biocides

## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT INFORMATION

#### 1.1 Product identifier

**Pankill 2**

#### 1.2 Identified uses

**Use** Biocide insecticid product (PT18)  
Contact liquid based on acetamiprid (AL), ready to use

#### 1.3 Supplier's details

**Company :** **Kwizda-France S.A.S.**  
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  
[regulatory@kwizda-france.com](mailto:regulatory@kwizda-france.com)

#### 1.4 Emergency call

Centre antipoison de Paris, Tel : +33 (0)1 40 05 48 48  
ORFILA (INRS) : +33 (0)1 45 42 59 59

### 2. HAZARD INFORMATION

#### 2.1 Classification of the mixture

**Classification according to Regulation (EC) No 1272/2008**

Identification symbol and letter

EC: Exempted from classification.

#### 2.2 Label elements

**According to Regulation (EC) No 1272/2008**

No pictogram

Signal word : not applicable

Hazard-determining components of labeling : not applicable

#### **Precautionary statements :**

P102 Keep out of reach of children

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

P273 Avoid release to the environment  
P501 Dispose of contents/container according to local/national regulations

### **2.3 Other hazards**

No further information available

## **3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical characterization: mixture

Description: Ready to use contact liquid based on the active ingredient acetamiprid

Name	N°CAS	Concentration	CLP Classification (R1272/2008)
<b>Active ingredient(s)</b>			
Acetamiprid	160430-64-8	2 g/l 0,2 % (w/w)	GHS07, H302, H412
<b>Other components</b>			
Gamma Butyrolactone	96-48-0	0.4 – 0,55% (w/w)	H302, H318, H336

## **4. FIRST AID MEASURES**

### **4.1 Description of first aid measures**

#### **After inhalation**

Supply fresh air and keep the victim warm. If the victim feels unwell, consult a doctor

#### **Contact with the skin**

Remove all soiled clothing and shoes;  
Wash with water and soap, and rinse abundantly with water;  
In case of persistent irritation or redness, consult a doctor.

#### **Contact with the eyes**

Rinse immediately and abundantly with water for at least 15 mins;  
In case of persistent irritation, consult an ophthalmologist.

#### **After swallowing**

Rinse the mouth with water. Do not induce vomiting. Consult a doctor immediately and show the label. Call a poison center if needed.

### **4.2 Most important symptoms and effects, both acute and delayed**

No further information available.

### **4.3 Indication of any immediate medical attention and special treatment needed**

No further information available.

## **5. FIRE FIGHTING MEASURES**

### **5.1 Extinguishing media**

CO<sub>2</sub>, dry chemical powder, foam or water spray.

### **5.2 Special hazards arising from the substance or mixture**

In case of fire, toxic gases and irritating vapors are emitted

### **5.3 Advice for firefighters**

Wear self-contained respiratory equipment and full protective suit

#### **Other recommendations**

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

Contain runoff to prevent entry into water or drainage systems.

Prevent extinction water being emitted into the environment.

In the case of fire wear self-contained respiratory equipment and full protective suit. Cool down exposed product container if possible. Remove exposed packagings to a safe distance, if doing so is not dangerous.

## **6. ACCIDENTAL RELEASE MEASURES**

### **6.1 Personal precautions, protective equipment and emergency procedure:**

Keep unprotected persons away. Avoid contact with skin and eyes. Avoid breathing vapors/sprays. 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).

### **6.3 Methods and material for containment and cleaning up**

Place into lockable, labeled 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 and dispose 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.

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

Do not breathe aerosols.

Avoid any contact with skin, eyes and clothes.

Wash hands before break and at the end of work.

#### **Technical measures**

Install an extraction fan at points where vapors form. 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:**

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

## **8.2 Exposure control**

### **General protective and hygienic measures:**

Do not eat, drink or smoke at workplace and keep it tidy.  
The usual precautionary measures are to be adhered to when handling chemicals.  
Remove contaminated clothing and wash carefully before reuse.  
Do not inhale vapors/sprays.

### **Respiratory protection:**

Not necessary in normal conditions of use

### **Protection of hands:**



### **Protective gloves:**

Not necessary in normal conditions of use. In case of intensive use, it is recommended to use chemical resistant protective gloves (norm EN 374-1)

### **Material of gloves:**

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 cannot 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:**



Not necessary in normal conditions of use. In case of intensive use, it is recommended to use tightly sealed goggles (norm EN 166)

**Body protection:** Protective work clothing, chemical resistant in case of intensive 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	liquid
Colour	Translucent to cloudy
pH Value:	4-6
Boiling point:	>100°C
Flash point	No flash point observed up to 120.0 °C
Density:	1.000 ± 0.001 at 21.7 °C.
Solubility:	soluble in water
Surface Tension (20°C)	26.5 ± 0.4 mN/m
Viscosity	1.16 mPa.s at 20.0 °C ± 0.2 °C and 1.09 mPa.s at 40.0 °C ± 0.2 °C.

### 9.2 Other informations

No further relevant information available.

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable under usual conditions

### 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

No further information available

### **10.5 Incompatible materials**

No further information 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 specific data are available.

#### **For the active ingredient : Acetamiprid**

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:**

**Dermal:** Negative

**Eye:** Negative

#### **Sensitization:**

- **Dermal:** Negative (guinea pig).

- **Respiratory:** No data available

#### **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 year)

#### **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

#### **Ecotoxicological effects:**

#### **Aquatic toxicity:**

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

#### **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



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**

No data available

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

Not applicable

### **15. REGULATORY INFORMATION**

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.



## 16. OTHER INFORMATION

### Relevant H-phrases of paragraph 3 (Do not concern the final product)

H302	Harmful if swallowed.
H318	Causes serious eye damage
H336	May cause drowsiness or dizziness.
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 :

- Email address added (Section 1.3)
- Section 9

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..*

