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## SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY

### 1.1. Product identifier

Trade name: **ATTRACIDE**

### 1.2. Relevant identified uses of mixture and uses advised against:

#### 1.2.1. Relevant identified uses

Product for

#### 1.2.2. Uses advised against

No data

### 1.3. Details of the supplier of the safety data sheet:

ICB Pharma Tomasz Świętosławski, Paweł Świętosławski Spółka Jawna

Address: ul. Moździerzowców 6a, 43-602 Jaworzno

Tel.: +48 32 6600006

Fax: +48 32 6600011

e-mail: office@icbpharma.pl

Person responsible for MSDS: Dawid Liszka; e-mail: david@icbpharma.pl

### 1.4. Emergency telephone number:

+48 32 6600006 (active at 8:00 – 16:00 h)

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the mixture:

Xn – Harmful with assigned phrases R:

R 48/22 – Harmful: danger of serious damage to health by prolonged exposure if swallowed

N – Dangerous for the environment with assigned phrases R:

R 50/53 – Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Health hazard: may be harmful if swallowed in large quantities

Environmental Hazards: very toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment

Physical/chemical hazards: not applicable

Fire hazard: product is non-combustible

### 2.2. Label elements

#### Pictograms:



Xn – Harmful



N – Dangerous for the environment

#### Hazard statements R:

R 48/22 – Harmful: danger of serious damage to health by prolonged exposure if swallowed

R 50/53 – Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

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### Safety phrases S:

S 2 – Keep out of the reach of children  
 S 7 – Keep container tightly closed  
 S 14 – Keep away from odorous materials (perfume, washing powder, etc.)  
 S 46 – If swallowed, seek medical advice immediately and show this container or label  
 S 60 – This material and its container must be disposed of as hazardous waste  
 S 61 – Avoid release to the environment. Refer to special instructions / Safety data sheets

### Hazardous Ingredients:

Fipronil

### 2.3. Other hazards:



The mixture doesn't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

The product is a mixture.

Chemical composition: active substance – fipronil 2,65% w/w, attractants, harmless additives up to 100 % w/w. Active substance and attractants are capsulated.

The classification of dangerous substance contained in the product are given acc. to Table 3.1 and Table 3.2 of Annex VI to the Regulation of the European Parliament and Council Regulation (EC) No 1272/2008 (Regulation GHS), including Commission Regulation (EC) 790/2009 (1 ATP), the manufacturer and available literature data.

No CAS	No EINECS	Index number	Chemical name	Quantity	Risk category	H, R phrases
120068-37-3	not assigned	608-055-00-8	fipronil (ISO) / 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)-phenyl]-4-[(trifluoromethyl)sulfinyl]-1 <i>H</i> -pyrazole-3-carbonitrile	26g/dm <sup>3</sup>	Acute Tox. 3 (oral), Acute Tox. 3 (inh), Acute Tox. 3 (derm), STOT RE 1, Aquatic Acute 1, Aquatic Chronic 1*  	H301, 311, 331, 372, 400, 410
					T, N** 	R 23/24/25-48/25-50/53

The wording of the hazard symbols and R-phrases is specified in Section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General recommendations

Remove the injured person from a polluted environment. Place in a lateral position. Provide fresh air and heat. In the event of health problems, immediately contact doctor. Show MSDS of product.

**Contamination of the skin:** Remove contaminated clothing. Contaminated areas of the skin wash thoroughly water with soap. Do not use solvents. In the case of persistent irritation consult a doctor.

**Contamination of the eye:** Flush contaminated eyes with wide-open eyelids a continuous stream of water for about 15 minutes. In the case of persistent irritation consult an ophthalmologist.

**Inhalation:** Remove victim from exposure, provide fresh air. Place victim in a reclining position. If breathing is difficult, give oxygen, in the absence of breath use artificial respiration. Seek medical advice immediately.

**Ingestion:** Rinse mouth immediately and then drink plenty of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor. Never induce vomiting or give anything by mouth

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if the victim is unconscious or having convulsions.

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

**Acute symptoms** – no data

**Delayed symptoms** – no data

**Effects of exposure** – no data

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

**Note to Physician:** No specific antidote, treat symptomatically.

Fipronil is a compound belonging to group of phenylpyrazoles. It's an inhibitor of GABA receptors. Fipronil is slowly absorbed in the intestines.

Warning! Fats, food oils and alcohol may increase absorption of active substance.

In case of contact with the company emergency number or Poison Control Centre person should have a product container, label or this MSDS.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1. Extinguishing media

Suitable extinguishing agents: CO<sub>2</sub>, powders and foams, water spray

Extinguishing media which must not be used for safety reasons: doesn't concern

#### 5.2. Special hazards arising from the mixture

The combustion / thermal decomposition of the product may produce carbon, nitrogen, sulphur oxides, hydrogen chloride, fluoride, other toxic gases. Avoid inhalation of combustion products, may pose a threat to health.

#### 5.3. Advice for fire-fighters

Strictly apply the breathing apparatus and protective clothing for fire fighting or during clean-up work immediately after a fire in an enclosed, or poorly ventilated areas.

**General:** inform about the fire, call the appropriate emergency services. Remove from the endangered area unauthorized persons, not involved in extinguishing the fire, order evacuation if necessary.

**Additional notes:** product is non-combustible, packed into plastic or carton packaging. Packaging which are not covered by the fire, exposed to fire or high temperature should be if possible removed from the hazardous area.

Fire residues and contaminated waters dispose in according to applicable regulations.

Do not introduce contaminated waters into drains.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid direct contact with releasing product. Avoid contact with skin, eyes and clothing.

Inform about the accident, call the appropriate emergency services (eg Fire Brigade, Police) if necessary.

#### 6.2. Environmental precautions

Do not allow to enter drains, groundwater, soil and open water courses. Spilled product should be protected against spreading using dams or barriers. In case of water contamination inform local authorities.

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

Protect damaged packaging. Try to cut off the source of environmental contamination (seal damaged container and put in an emergency container.) Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Incinerate or take to a special waste disposal site in accordance with local authority regulations. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.

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#### 6.4. Reference to other sections

Personal protective equipment – section 8  
Waste disposal – section 13

### SECTION 7: HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

No special measures necessary if stored and handled correctly.  
Avoid contact with eyes and skin. Ensure adequate ventilation /exhaust in the workplace, prevent the formation of harmful concentrations of vapour in the air, work in well ventilated areas.  
Observe good personal hygiene and wear protective clothing in accordance with information set out in section 8.

#### Special measures for protection against fire and explosion:

No special precautions necessary. The product is non-combustible. Product is not explosive.

#### Industrial hygiene

- ensure good ventilation (overall and local exhausted ventilation)
- ensure place for eyes and skin rinsing
- wash hands with soap and water before eating, smoking and after work
- use general caution while working with chemical substances

#### 7.2. Conditions for safe storage, including any incompatibilities

Keep only in the original container.  
Protect from temperatures above 40°C.  
Keep the product away from children, food, beverage and animal feed. Keep away from odorous materials.

#### 7.3. Specific end use(s)

Professional use – biocide product, insecticide for the control of cockroaches

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

##### Occupational Exposure Limit Value:

There is no exposure standard allocated to dangerous components of this product.

#### 8.2. Exposure controls

**Technical exposure controls:** adequate ventilation

##### Personal protection:

- a) **Respiratory protection** – is not required
- b) **Hand protection** – wear protective gloves. Material of gloves must be resistant to the product. As the product is a mixture of several substances, the resistance of material of gloves can not be calculated in advance and therefore has to be checked before use. From the manufacturer's advice should be obtained information about the time of the penetration of substances and such time must be respected.
- c) **Eye protection** – recommended safety glasses
- d) **Skin protection** – wear light protective clothing

**Professional Pest Control Product:** Avoid contact with the skin, eyes and clothing. Wash hands after use. Take off immediately all contaminated clothing. Store work clothing separately. Keep away from food, drink and animal feeding stuffs. Hands and/or face should be washed before breaks and at the end of the shift.

##### Environmental exposure controls:

Do not allow to enter large amounts of product into ground water, sewage, waste water or soil.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>Appearance:</b>	liquid suspension
<b>Colour:</b>	white
<b>Odour:</b>	peanut
<b>Odour threshold:</b>	no data
<b>pH:</b>	5,0 – 7,0
<b>Melting point/freezing point:</b>	no data
<b>Initial boiling point and boiling range:</b>	no data
<b>Flash point:</b>	doesn't concern
<b>Evaporation rate:</b>	no data
<b>Flammability:</b>	product is non-combustible
<b>Upper/lower flammability or explosive limits:</b>	doesn't concern
<b>Vapour pressure:</b>	no data
<b>Vapour density:</b>	no data
<b>Density (20°C):</b>	0,98 g/cm <sup>3</sup>
<b>Solubility in water:</b>	makes suspoemulsion
<b>Solubility in other solvents:</b>	no data
<b>Partition coefficient: n-octanol/water:</b>	no data
<b>Auto-ignition temperature:</b>	doesn't concern
<b>Decomposition temperature:</b>	no data
<b>Viscosity:</b>	no data
<b>Explosive properties:</b>	doesn't concern
<b>Oxidising properties:</b>	doesn't concern

**9.2. Other information** no data

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Under the properly conditions of storage and handling - no reactivity

### 10.2. Chemical stability

Stable under normal conditions (see Section 7 – storage conditions)

### 10.3. Possibility of hazardous reactions

No

### 10.4 Conditions to avoid

High temperature, direct sunlight

### 10.5. Incompatible materials

Odorants, perfumes, etc.

### 10.6 Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.

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## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects:

#### Acute toxicity:

Acute Oral Toxicity LD50 (rat): > 2000 mg/kg

Acute Dermal Toxicity LD50 (rat): > 2000 mg/kg

Acute Inhalation Toxicity LC50 (rat): no data

#### Skin corrosion/irritation:

Skin (rabbit, 4 hours exposure) – not irritating

Eye (rabbit) – not irritating

**Respiratory or skin sensitisation:** No data available.

**Germ cell mutagenicity:** No data available. Hazardous ingredients of the product aren't mentioned on the list of mutagenic substances

**Carcinogenicity:** No data available. Hazardous ingredients of the product aren't mentioned on the list of carcinogenic substances.

**Reproductive toxicity:** No data available. Hazardous ingredients of the product aren't mentioned on the list of reproductive toxicity substances.

**STOT-single exposure:** No data available.

**STOT-repeated exposure:** No data available.

**Aspiration hazard:** No data available.

### Toxicological data for hazardous ingredient – fipronil:

#### Acute toxicity:

Acute Oral Toxicity LD50 (rat): 97 mg/kg

Acute Dermal Toxicity LD50 (rat): > 2000 mg/kg

Acute Inhalation Toxicity LC50 (rat): 0,36 mg/dm<sup>3</sup>/4h

#### Routes of exposure:

Inhalation, ingestion, skin and eye contact

#### Potential health effects:

**Inhalation** – toxic if inhaled, may cause respiratory tract irritation.

**Ingestion** – toxic if swallowed

**Skin** – cause skin irritation, toxic if absorbed through skin. Easy absorbed through skin

**Eyes** – cause eyes irritation

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity:

Acute Toxicity to fish: no data

Acute Toxicity to aquatic invertebrates: no data

### 12.2. Persistence and degradability:

No data

### 12.3. Bioaccumulative potential:

No data

### 12.4. Mobility in soil:

No data

### 12.5. Results of PBT and vPvB assessment:

No data

### 12.6. Other adverse effects:

Product classified as very toxic to the aquatic environment, may cause long-term adverse effects in the aquatic environment.

Take care that the product has not penetrated into the soil, drinking water sources, water tanks etc.

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#### Ecotoxicological data for hazardous ingredient – fipronil:

Acute Toxicity to fish (*Oncorhynchus mykiss*): LC50 (96h): 0,25 mg/dm<sup>3</sup>  
 Acute Toxicity to fish (*Lepomis macrochirus*): LC50 (96h): 0,085 mg/dm<sup>3</sup>  
 Acute Toxicity to fish (*Cyprinus carpio*): LC50 (96h): 0,19 mg/dm<sup>3</sup>  
 Acute Toxicity to aquatic invertebrates (*Daphnia magna*) EC50 (48h): 0,16 µg/dm<sup>3</sup>  
 Acute Toxicity to algae (*Scenedesmus subspicatus*) EC50 (48h): 0,068 mg/dm<sup>3</sup>

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods:

Dispose of waste in accordance with all Federal, State and Local regulations.

**Waste of product:** communicate with the manufacturer of the product on the possibility of processing waste. If it's not possible, deliver it to utilization in plants permitted to waste collection, transport, waste recovery and disposal. Do not introduce waste of product into sewage.

Suggested code of waste:



Group of waste: 07 04 - wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides

Waste code: 07 04 99 – wastes not otherwise specified

**Disposing of the packaging:** it is prohibited to burn them on the ground.

Waste code: 15 01 10 – packaging containing residues of hazardous substances or contaminated

### SECTION 14: TRANSPORT INFORMATION

14.1. UN number:	3082	
14.2. UN proper shipping name:	Environmentally hazardous substances, liquid N.O.S. (fipronil)	
14.3. Transport hazard class:	9	
14.4. Packing group:	III	
14.5. Environmental hazards:	yes	
14.6. Special precautions for user:	see section 7.1	
Road transport (ADR):		
Classification code:	M6	
Warning label:	9	
Packing instruction:	P001	
Code of movement restriction through underpass:	E	

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: no data

### SECTION 15: REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council from 18.12.2006 concerning the Registration, Evaluation, Authorization and Restriction from Chemicals (REACH)

- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

- Commission Regulation (EU) No. 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

- European agreement concerning international road transport of dangerous products (ADR)

*Federal, State and Local regulations.*

#### 15.2. Chemical safety assessment

Chemical safety assessment was not made for the product



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## 16. Other information

Explanation of symbols and phrases referring hazardous substance contained in product:

Acute Tox. 3 (oral) – Acute toxicity Hazard Category 3  
 Acute Tox. 3 (derm) – Acute Toxicity dermal Hazard Category 3  
 Acute Tox. 3 (inh) – Acute Toxicity inhalation Hazard Category 3  
 STOT RE 1 – Specific target organ toxicity – Repeated exposure, Hazard Category 1  
 Aquatic Acute 1 – Hazardous to the aquatic environment Acute Hazard, Category 1  
 Aquatic Chronic 1 – Hazardous to the aquatic environment Chronic Hazard, Category 1

H301 Toxic if swallowed  
 H311 Toxic in contact with skin  
 H331 Toxic if inhaled  
 H372 Causes damage to organs through prolonged or repeated exposure  
 H400 Very toxic to aquatic life  
 H410 Very toxic to aquatic life with long lasting effects

T – Toxic  
 Xn – Harmful  
 N – Dangerous for the environment

R 23/24/25 – Toxic by inhalation, in contact with skin and if swallowed  
 R 48/22 – Harmful: danger of serious damage to health by prolonged exposure if swallowed  
 R 48/25 – Toxic: danger of serious damage to health by prolonged exposure if swallowed  
 R 50/53 – Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Explanation of abbreviations and acronyms used in the MSDS:

CAS – Chemical Abstracts Service  
 EINECS – Number assigned to a substance in the European Inventory of Existing Commercial Chemical Substances  
 NDS (MAC) – maximum allowable concentration of a substance harmful to health in the workplace  
 PBT – persistence, bioaccumulation potential and toxicity  
 vPvB – very high durability and very bioaccumulative  
 UN number – identification number of the material (the number of UN, UN number)  
 ADR – European Agreement concerning the international carriage of dangerous goods by road

MSDS was prepared in accordance with Commission Regulation (EU) No. 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Classification of mixture was made according to toxicological test and content of hazardous components.

Source of data: this MSDS was prepared based on MSDS of ingredients, data of product, our knowledge and experience according to actual legislation.

IUCLID International Uniform Chemical Information Database  
 ESIS European Chemical Substances Information System  
 Attracide 26CS – toxicological test results

Recommendation and restriction of use: Use according to label. Additional safety information available at producer.

Disclaimer: information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. End user is responsible for inappropriate use of information enclosed in MSDS or inappropriate use of product.

Distribution of MSDS: MSDS is delivered for demand of purchasing, who use product in professional services.