

**Safety Data Sheet**  
acc. to ISO/DIS 11014

Printing date 12/19/2012

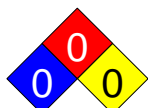
Reviewed on 12/19/2012

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

- **1.1 Product identifier**
- **Trade name:** **APIVAR®**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
For use only as authorized in the State in which the U.S. Environmental Protection Agency (EPA) has granted a FIFRA Section 18 emergency exemption.
- **Application of the substance / the preparation**  
Preparation  
Pharma Active ingredients
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Véto-pharma  
14, avenue du Québec  
Z-A. de Courtaboeuf  
91 140 VILLEBON SUR YVETTE FRANCE  
Tél: +33 (0)1 69 18 84 80  
Fax: +33 (0)1 69 28 12 93  
info@vetopharma.com  
www.vetopharma.com
- **1.4 Emergency telephone number:**  
NHS Direct: 0845 46 47 / Textphone: 0845 606 46 47  
CHEMTREC: 1-800-424-9300 ( North America )

**2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
The product is not classified according to the CLP regulation.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.
- **Information concerning particular hazards for human and environment:**  
The product does not have to be labelled due to the calculation procedure of international guidelines.
- **Classification system:**  
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
- **2.2 Label elements**
- **Labelling according to EU guidelines:**  
Observe the general safety regulations when handling chemicals.  
The product has not been classified and marked in accordance respective national laws.  
2008/58/CE (30eme ATP) ; 2009/2/CE (31eme ATP) ; 2006/8/CE
- **Safety phrases:**  
2 Keep out of the reach of children.
- **Special labelling of certain preparations:**  
Contains amitraz (ISO). May produce an allergic reaction.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 0  
Fire = 0  
Reactivity = 0

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**· HMIS-ratings (scale 0 - 4)**




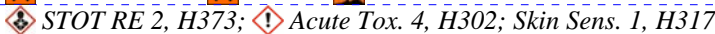
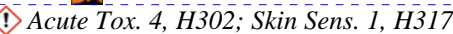
HEALTH	0	Health = *0
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 3: Composition/information on ingredients

- **3.2 Chemical characterization: Mixtures**
- **Description:** Mixture: consisting of the following components.

**· Dangerous components:**

CAS: 33089-61-1 EINECS: 251-375-4 Index number: 612-086-00-2 RTECS: ZF 0480000	amitraz (ISO)  Xn R22-48/22;  Xi R43;  N R50/53  STOT RE 2, H373;  Acute Tox. 4, H302; Skin Sens. 1, H317	3.33%
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### 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **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**  
No further relevant information available.

### 5: Firefighting measures

- **5.1 Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Do not inhale explosion gases or combustion gases.  
No special measures required.

### 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:** Pick up mechanically.

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**· 6.4 Reference to other sections**

- No dangerous substances are released.*
- 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** *No special measures required.*
- Information about protection against explosions and fires:** *No special measures required.*
- 7.2 Conditions for safe storage, including any incompatibilities**
- Storage:**
- Requirements to be met by storerooms and receptacles:** *No special requirements.*
- Information about storage in one common storage facility:** *Not required.*
- Further information about storage conditions:** *None.*
- 7.3 Specific end use(s)** *No further relevant information available.*

**8: Exposure controls/personal protection**

- Additional information about design of technical systems:** *No further data; see item 7.*
- 8.1 Control parameters**
- Components 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.*
- Additional information:** *The lists that were valid during the creation were used as basis.*
- 8.2 Exposure controls**
- Personal protective equipment:**
- General protective and hygienic measures:**  
*The usual precautionary measures for handling chemicals should be followed.*
- Breathing equipment:** *Not required.*
- Protection of hands:**



Protective gloves

*The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.*

**· 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 can not be calculated in advance and has therefore to be checked prior to the application.*

- Eye protection:** *Not required.*

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**9: Physical and chemical properties**

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

· <b>Form:</b>	Solid
· <b>Color:</b>	Opaque
· <b>Odor:</b>	Characteristic
· <b>Odour threshold:</b>	Not determined.

· **pH-value:** Not applicable.

· **Change in condition**

· <b>Melting point/Melting range:</b>	Undetermined.
· <b>Boiling point/Boiling range:</b>	Undetermined.

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Not determined.

· **Ignition temperature:** Not applicable.

· **Decomposition temperature:** Not determined.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

· <b>Lower:</b>	Not determined.
· <b>Upper:</b>	Not determined.

· **Vapor pressure:** Not applicable.

· <b>Density:</b>	Not determined.
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not applicable.
· <b>Evaporation rate</b>	Not applicable.

· **Solubility in / Miscibility with**

· **Water:** Insoluble.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

· <b>Dynamic:</b>	Not applicable.
· <b>Kinematic:</b>	Not applicable.

· **Solvent content:**

· **Organic solvents:** 0.0 %

· **Solids content:** 3.3 %

· **9.2 Other information** No further relevant information available.

**10: Stability and reactivity**

· **10.1 Reactivity**

· **10.2 Chemical stability**

· **Thermal decomposition / conditions to be avoided:** To avoid thermal decomposition do not overheat.

· **Stable until:** 2 ans

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- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
The product is not subject to classification according to internally approved calculation methods for preparations:  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
- **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

### 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 3 (Self-assessment): extremely hazardous for water  
Do not allow product to reach ground water, water course or sewage system, even in small quantities.  
Danger to drinking water if even extremely small quantities leak into the ground.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.

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- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

**14: Transport information**

- |   |  |
|---|--|
| · <b>14.1 UN-Number</b><br>· <b>ADR, ADN, IMDG, IATA</b>                                    | <i>not regulated</i>                         |
| · <b>14.2 UN proper shipping name</b><br>· <b>ADR</b><br>· <b>ADN, IMDG, IATA</b>           | <i>non regulated</i><br><i>not regulated</i> |
| · <b>14.3 Transport hazard class(es)</b><br>· <b>ADR, ADN, IMDG, IATA</b><br>· <b>Class</b> | <i>not regulated</i>                         |
| · <b>14.4 Packing group</b><br>· <b>ADR, IMDG, IATA</b>                                     | <i>not regulated</i>                         |
| · <b>14.5 Environmental hazards:</b><br>· <b>Marine pollutant:</b>                          | <i>No</i>                                    |
| · <b>14.6 Special precautions for user</b>  | <i>Not applicable.</i>                       |
| · <b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>       | <i>Not applicable.</i>                       |
| · <b>Transport/Additional information:</b>  | <i>D.O.T : Not regulated</i>                 |
| · <b>UN "Model Regulation":</b>   | <i>-</i>                                     |

**15: Regulatory information**

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

· **Section 355 (extremely hazardous substances):**

*None of the ingredient is listed.*

· **Section 313 (Specific toxic chemical listings):**

33089-61-1 | *amitraz (ISO)*

· **TSCA (Toxic Substances Control Act):**

24937-78-8 | *ethylene vinyl acetate copolymer*

· **Proposition 65**

· **Chemicals known to cause cancer:**

*None of the ingredients is listed.*

· **Chemicals known to cause reproductive toxicity for females:**

*None of the ingredients is listed.*

· **Chemicals known to cause reproductive toxicity for males:**

*None of the ingredients is listed.*

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· **Chemicals known to cause developmental toxicity:**

33089-61-1 amitraz (ISO)

· **Carcinogenicity categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**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.*

· **Abbreviations and acronyms:**

- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- DOT: US Department of Transportation
- IATA: International Air Transport Association
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- ACGIH: American Conference of Governmental Industrial Hygienists
- NFPA: National Fire Protection Association (USA)
- HMIS: Hazardous Materials Identification System (USA)