

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 24.09.2020

Version number 1

Revision: 24.09.2020

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

- **1.1 Product identifier**
- **Trade name:** VERTIPIN
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
Relevant identified uses :
Plant protection product (fungicide)
For professional use only.
Uses advised against : none known.
- **Application of the substance / the mixture :** Preparation
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
ACTION PIN
ZI de Cazalieu
CS 60030
40260 CASTETS
FRANCE
tel: 33-(0)-558550700
fax: 33-(0)-558550707
fds@action-pin.fr
- **Further information obtainable from:** Commercial
- **1.4 Emergency telephone number:**
Members of the public seeking specific information on poisons should contact :
In England and Wales : NHS 111 - dial 111
In Scotland : NHS 24 - dial 111
In N Ireland : contact your local GP or pharmacist during normal hours; click here
(www.gpoutofhours.hscni.net/) for GP services Out-of-Hours.
In Republic of Ireland : 01 809 2166

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.

- **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**



GHS05

- **Signal word** Danger
- **Hazard-determining components of labelling:**
Sulphur

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- Terpene derivatives
- **Hazard statements**
H318 Causes serious eye damage.
 - **Precautionary statements**
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - P310 Immediately call a POISON CENTER/doctor.
 - P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
 - **Additional information:**
EUH401 To avoid risks to human health and the environment, comply with the instructions for use.
 - **2.3 Other hazards**
 - **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Fungicidal preparation for phytopharmaceutic use.

· **Dangerous components:**

CAS: 7704-34-9 EINECS: 231-722-6 Reg.nr.: 01-2119487295-27	Sulphur ⚠ Skin Irrit. 2, H315	40 - 60%
	Terpene derivative (Art. 24 - CLP) ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	5 - 10%
	Polyarylphenyl ether phosphate ⚠ Eye Irrit. 2, H319	1 - 2.5%
CAS: 68425-94-5	Sulfonated aromatic polymer, sodium salts ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	1 - 1.5%

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** Do not leave affected persons unattended.
- **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
Remove contact lenses.
- **After swallowing:**
Not give anything to eat or drink. Do not induce vomiting
If person is conscious, rinse out mouth with water.
Seek immediate 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**
No further relevant information available.

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SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
Fire-extinguishing powder
Foam
- **5.2 Special hazards arising from the substance or mixture**
In case of fire, the following can be released:
Sulphur dioxide (SO₂)
- **5.3 Advice for firefighters**
- **Protective equipment:** Personal protective equipment.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Particular danger of slipping on leaked/spilled product.
- **6.2 Environmental precautions:** Do not dispose in the environment.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Send for recovery or disposal in suitable receptacles.
Clean the affected area carefully; suitable cleaners are:
Water
Dispose of the material collected according to regulations.
- **6.4 Reference to other sections**
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**
See Section 8 for information for personal protection equipment.
See label and/or technical notice.
Do not handle until all safety precautions have been read and understood.
Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:
WEAR SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate
However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.
WASH CONCENTRATE from skin immediately.
WHEN USING, DO NOT EAT, DRINK OR SMOKE.
REMOVE CONTAMINATED CLOTHING AND PROTECTIVE EQUIPMENT before meals and after work.
WASH HANDS AND EXPOSED SKIN before meals and after work.
WASH ALL PROTECTIVE CLOTHING thoroughly
IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).
- **7.2 Conditions for safe storage, including any incompatibilities**
KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.
KEEP OUT OF REACH OF CHILDREN.
EMPTY CONTAINER COMPLETELY and dispose of safely.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
- **Maximum storage temperature:** < 35°C
- **Minimum storage temperature:** > 0°C

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· 7.3 *Specific end use(s)* No further relevant information available.

SECTION 8: Exposure controls/personal protection

· **Additional information about design of technical facilities:**

Plan for eye water fountains and a good ventilation in the premises when the product is handled in constant and large quantities.

· **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.

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Avoid contact with the eyes.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

If the product has a National authorisation, read the label to be compliant with the National recommendations relating to the PPE.

· **Protection of hands:**



Protective gloves (EN 374)

· **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.

Recommended : nitrile rubber, NBR

EN ISO 374-1/A1

EN16523-1+A1 (type A)

EN ISO 372 (type A, B, ou C)

· **Penetration time of glove material**

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

· **Eye protection:**



Safety glasses (EN 166)

· **Body protection:** Protective work clothing (ISO 27065:2017)

SECTION 9: Physical and chemical properties

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

· **General Information**

· **Appearance:**

· Form:	Viscous
· Colour:	Yellow tint
· Odour:	Sulfurous

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· pH-value at 20 °C:	7 - 9
· Change in condition	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Undetermined.
· Flash point:	> 110 °C
· Auto-ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product does not present an explosion hazard.
· Density:	Not determined.
· Bulk density at 20 °C:	1.37 g/cm ³
· Solubility in / Miscibility with water:	Dispersible.
· 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**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **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.

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:** Oral LD50 > 2000 mg/kg (rat) (OCDE 401)
- **Primary irritant effect:**
- **Skin corrosion/irritation** No irritating effect (OECD 404).
- **Serious eye damage/irritation**
Serious eye irritation confirmed by OECD n°405 - B5
Causes serious eye damage.
- **Respiratory or skin sensitisation** No sensitising effect (OECD n°406)
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **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:**
CL 50 (fish 96h, OCDE 203) > 153mg/L
CE 50 (daphnia, 48h, OCDE 202) > 200mg/l
CE 50 alga 72h OCDE 201) > 100 mg/L
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.

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- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:**
The re-use of the packaging is prohibited.
Smaller quantities can be disposed of with household waste.
Rinse the packaging at least twice before disposal.
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Waste disposal key:** 07 04 : wastes from the MFSU of organic plant protection products
- **Uncleaned packaging:**
- **Recommended cleansing agents:** Water.

SECTION 14: Transport information

- | | |
|--|-----------------|
| · 14.1 UN-Number | Void |
| · ADR, ADN, IMDG, IATA | Void |
| · 14.2 UN proper shipping name | Not applicable. |
| · ADR, ADN, IMDG, IATA | Void |
| · 14.3 Transport hazard class(es) | |
| · ADR, ADN, IMDG, IATA | |
| · Class | Void |
| · 14.4 Packing group | |
| · ADR, IMDG, IATA | Void |
| · 14.5 Environmental hazards: | Not applicable. |
| · 14.6 Special precautions for user | Not applicable. |
| · 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**
Legislation references :
· **REACH Regulation (EC) nr 1907/2006 :**
Substances listed in annex XIV (authorisation) and XVII (restriction) : none of the components are listed.
- **Regulation (EC) n°1107/2009 of 21 October 2009 concerning the placing of plant protection products on the market**
DO NOT CONTAMINATE WATER with the product or its container. Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads.
To protect non-target insects/arthropods respect an unsprayed buffer zone of 5 meters to non-crop land.
MAPP number : 19508 (700 g/l (51,3% w/w)
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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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.

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· **Relevant phrases**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

· **Department issuing technical data sheet:** Marketing

· **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

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

· *** Data compared to the previous version altered.**

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 2015/830.

Version CLP 1.1