

**Safety data sheet**  
**according to Regulation (EC) No 1907/2006, article 31**

Printing date 05.12.2025

Version number 3 (replaces version 2)

Revision: 05.12.2025

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

· **1.1 Product identifier**

· **Trade name:** **FERTIPEN S**

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

Fertiliser

For professional use only.

Product intended for experimental use only.

· **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:** Number ORFILA (INRS) : + 33 (0)1 45 42 59 59

\* **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 GB CLP regulation.

· **Hazard pictograms**



GHS05

· **Signal word** Danger

· **Hazard-determining components of labelling:**

Sulphur

Terpene derivatives

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**· 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.

**· 2.3 Other hazards****· PBT:** Not applicable.**· vPvB:** Not applicable.**· Determination of endocrine-disrupting properties** Not applicable.**SECTION 3: Composition/information on ingredients****· 3.2 Mixtures****· Description:** Fertiliser**· 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%
CAS: 105362-40-1	Polyarylphenyl ether phosphate ⚠ Eye Irrit. 2, H319	1 - 2.5%
CAS: 68425-94-5	Sulfonated aromatic polymer, sodium salts ⚠ 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 (SO<sub>2</sub>)
- **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.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **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:** > 5°C
- **7.3 Specific end use(s)** No further relevant information available.

### **SECTION 8: Exposure controls/personal protection**

- **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.

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- **8.2 Exposure controls**

- **Appropriate engineering controls**

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

- **Individual protection measures, such as 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.

- **Hand protection**



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 gloves certified EN 374-3.

- **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/face protection**



Safety glasses (EN 166:2002) (CE)

- **Body protection:** Protective work clothing (EN 14605)

## SECTION 9: Physical and chemical properties

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

- **General Information**

- **Physical state**

Liquid.

- **Colour:**

Yellow tint

- **Odour:**

Sulfurous

- **Melting point/freezing point:**

Undetermined.

- **Flammability**

Product is not flammable.

- **Flash point:**

> 110 °C

- **pH at 20 °C**

7.8

- **Viscosity:**

Not determined.

- **Solubility**

- **water:**

Dispersible.

- **Partition coefficient n-octanol/water (log value)**

Not applicable.

- **Density and/or relative density**

- **Density:**

Not determined.

- **Bulk density at 20 °C:**

1.37 g/cm<sup>3</sup>

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- **9.2 Other information**
  - **Appearance:**
  - **Form:** Viscous
  - **Important information on protection of health and environment, and on safety.**
  - **Ignition temperature:** Product is not selfigniting.
  - **Explosive properties:** Product does not present an explosion hazard.
- 
- **Information with regard to physical hazard classes**
  - **Explosives** Void
  - **Flammable gases** Void
  - **Aerosols** Void
  - **Oxidising gases** Void
  - **Gases under pressure** Void
  - **Flammable liquids** Void
  - **Flammable solids** Void
  - **Self-reactive substances and mixtures** Void
  - **Pyrophoric liquids** Void
  - **Pyrophoric solids** Void
  - **Self-heating substances and mixtures** Void
  - **Substances and mixtures, which emit flammable gases in contact with water** Void
  - **Oxidising liquids** Void
  - **Oxidising solids** Void
  - **Organic peroxides** Void
  - **Corrosive to metals** Void
  - **Desensitised explosives** Void

### 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 hazard classes as defined in Regulation (EC) No 1272/2008**
- **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** Eye irritation / Serious eye damage confirmed by OECD n°405 - B5
- **Respiratory or skin sensitisation** No sensitising effect (OECD n°406)
- **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.

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- **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.
- **11.2 Information on other hazards**

· <b>Endocrine disrupting properties</b>
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None of the ingredients is listed.
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### 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.
- **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 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.
- **12.7 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:**
  - 06 10 : wastes from the manufacture, formulation, supply and use of nitrogen chemicals, nitrogen chemical processes and fertiliser manufacture
  - 15 01 10\* : Packaging containing residues of or contaminated by dangerous substances
- **Uncleaned packaging:**
- **Recommendation:** Never re-use empty packs.
- **Recommended cleansing agents:** Water.

### SECTION 14: Transport information

- |  |                 |
|--|-----------------|
| · <b>14.1 UN number or ID number</b>     |                 |
| · <b>ADR, ADN, IMDG, IATA</b>            | Void            |
| · <b>14.2 UN proper shipping name</b>    | Not applicable. |
| · <b>ADR, ADN, IMDG, IATA</b>            | Void            |
| · <b>14.3 Transport hazard class(es)</b> |                 |
| · <b>ADR, ADN, IMDG, IATA</b>            |                 |
| · <b>Class</b>                           | Void            |

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· <b>14.4 Packing group</b> · <b>ADR, IMDG, IATA</b>	Void
· <b>14.5 Environmental hazards:</b>	Not applicable.
· <b>14.6 Special precautions for user</b>	Not applicable.
· <b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
· <b>UN "Model Regulation":</b>	Void

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **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.
- **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.  
213056-M1

- **Relevant phrases**  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.
- **Department issuing technical data sheet:** Marketing
- **Date of previous version:** 28.11.2025
- **Version number of previous version:** 2
- **Abbreviations and acronyms:**  
ADR: Accord relatif au transport international 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 (Registration, Evaluation, Authorisation, and Restriction of CHemicals), Annex II, as amended by Regulation (EU) No. 2020/878.  
Version CLP 1.3