

Trade name

**Fertilizer NPK 9-25-25****1. Identification of the substance / preparation and of the company / undertaking**

Product name: **Fertilizer NPK 9-25-25**

Supplier :  
Distributor : Agrium Europe S.A.  
Avenue Louise 326  
Bte 36  
B – 1050 BRUXELLES - Belgique  
Tél. : +32 (0)2 646 70 00  
Fax : +32 (0)2 646 68 60

Use : Mineral agricultural fertilizer.

Emergency contact : National Chemical Emergency Center  
Abington  
Oxfordshire – United Kingdom  
Tel : +44.208.762.8322

**2. Hazards identification**

European classification : This preparation is not governed by European directives 67/548/CE and 1999/45/CE, their adapted versions and their appendices.

Hazard(s) EC : None.

For human : Prolonged contact with the skin or eyes can cause slight irritation.  
In case of large inhalation product dust can cause mechanic irritation of the respiratory tracts.  
In the case of fire, the product can breakdown at a high temperature releasing toxic gases.

For the environment : Large scale or repeated discharge of the product into stagnant water can cause algae to proliferate.

**3. Composition/information on ingredients**

Chemical designation of preparation  
Complex mixture of mineral constituents.

Ingredients leading to classification: None.

Salts contained in the mixture mainly contain the following ions  
Sulphate:  $\text{SO}_4^-$  Ammonium:  $\text{NH}_4^+$  Calcium:  $\text{Ca}^{2+}$   
Chloride:  $\text{Cl}^-$  Potassium :  $\text{K}^+$   
Phosphate:  $\text{HPO}_4^{2-}$  -  $\text{H}_2\text{PO}_4^-$

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### 4. First aid measures

Inhalation :	If the dust is inhaled, take the person out into the fresh air. Seek medical advice in case of breathing difficulties.
Skin contact :	Wash with plenty of soap and water.
Eye contact :	Thoroughly rinse with water keeping the eyes wide open Seek eye specialist's advice if an irritation appears.
Swallowing :	If the person is conscious, rinse the mouth, make him drink several glasses of water, do not try to induce vomiting. Seek medical advice if the person is ill.

### 5. Fire-fighting measures

Appropriate extinction Methods :	Sprayed water or a large amount of water, air/water mechanical emulsion.
Not advised :	Foam with organic emulsifier, sand and CO <sub>2</sub> .
Particular risks in the event of fire :	Noncombustible Emission of harmful or toxic gases, see chapter 10.
Special maintenance equipment :	Wearing individual breathing apparatus is recommended.
Other information :	Prevent fire-fighting water from entering waste water.

### 6. Accidental release measures

Individual precautions for spillage / leakage :	If possible avoid contact with eyes. Avoid generation of dusts, do not inhale. Personal precautions see chapter 8.
Procedures for cleaning / absorption :	Scrape up the product with a shovel and put it in a container, it can always be used if the product is not contaminated Forward for disposal. Clean up affected area with plenty of water.
Environmental protection precautions :	Do not discharge the recovered product as is into the Environment, take steps to disperse it.

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## 7. Handling and storage

Handling : No special measures to take when the product is well handled. Avoid the generation of dusts.

Storage : Store containers tightly closed in a cool place, in a well-ventilated place. The product in bulk must be covered because of moisture.

## 8. Exposure controls/personal protection

Specific control parameters : Dust of product: VME: 6 mg/m<sup>3</sup>

Technical measures : Ventilation of work place.

Personal protective equipment : Respiratory protection : Possibly protective mask  
Handling protection : Gloves  
Eye protection : Safety glasses

Industrial hygiene : Wash hands after working with the product. Under no circumstances drink, eat or smoke at workplace.

## 9. Physical and chemical properties

Form : Solid in pellets

Color : Light yellowish to beige

Odour : Odourless

pH value : Undetermined

Stage changes: Melting point : Undetermined  
Boiling point : Undetermined

Flash point : Not applicable

Decomposition temperature : Undetermined

Ignition temperature : Not applicable

Explosive limits : Lower Undetermined  
Upper : Undetermined

Density (kg/dm<sup>3</sup>) : Undetermined

Water solubility : Soluble

Log P(o/w): Undetermined

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### 10. Stability and reactivity

Stability :	The product is stable under normal storage conditions of use.
Conditions to avoid :	None when applied and handled in accordance with conditions for use.
Substances to be avoided :	Strong alkaline.
Hazardous decomposition products:	At high temperatures: (> 400°C) : Possible formation of PO(x), K <sub>2</sub> O, HCl and NH <sub>3</sub> . Possible formation of NH <sub>3</sub> by contact with highly alkaline products.
Further data:	

### 11. Toxicological information

Acute toxicity	Of the mixture: No toxicological data available for this mixture. No known toxicological data for main components of the mixture.
Subacute or chronic toxicity :	None of the main components is recorded on the IARC carcinogenic products lists.
Toxicological information:	If the dust is inhaled: Irritation of the respiratory tracts, cough In case of prolonged contact with skin: slight irritation possible. After eye contact: Possible irritation. After ingestion: Possible pain in the esophagus and stomach.
Other information:	

### 12. Ecological information

Formulation data

Mobility:  
Phosphates, chlorides, sulphates, calcium ions, potassium and ammonium are adsorbed by the soil.  
Soluble chlorides and sulphates not absorbed change to aqueous phase.

Biodegradability:  
The mixture is easily degradable by plants .

Bio accumulation:  
Nothing known for ground and water organisms

Ecotoxicological effects:  
The mixture is hardly toxic for water life.  
Large discharge of phosphates into stagnant water can cause eutrophication.

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Other information about ecology:  
There is no risk of any ecological problems when appropriately handled and used.

### 13. Disposal considerations

Product disposal:  
Using the product correctly should not generate waste.

Packaging Disposal:  
Disposal by incinerating or upgrading the material by recycling after disposing of product residue by washing with water.

### 14. Transport information

Shipping regulations :	ADR/RID/ADNR IMDG/OMI	IATA/ICAO
Class :		
UN-No.:	Not subject	Not subject
Packaging group :		

### 15. Regulatory information

Labelling in accordance with EC directives and adapted versions of them:

This preparation is not concerned by European laws, according to 99/45/EC Directive and rules in force.

Symbol(s): None.  
R-phrases : None  
S-phrases : None

Regulation according to EC fertilizer directives:

Its main constituents are repeated in the European EINECS substances inventory.

Directive 76/116/EC and their appendices: obligatory information for packaging.

Directive 87/94/EC : resistances to the detonation

Directives 82/501/EC, 87/216/EC, 88/610/EC: Main hazard, SEVESO.

EC-No.:

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## 16. Other information

Regulatory phrases mentioned  
into chapters 2 et 3 :

None

Origin :

This data sheet was realized on the base of information supplied by the distributor.

This safety data sheet does not replace the using technical notice but complete it. The information contained herein is based on the present state of our knowledge and our experiences about this product at this version date. It is provided in good faith. The attention of users moreover is drawn to possible risks encountered if this product is used for purposes other than those for which it was designed. This data sheet does not dispense in any case the user to know and applies all regulatory rules concerning his activity.