



# SAFETY DATA SHEET

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Revised edition no : 2

Date : 6 / 2 / 2012

Supersedes : 3 / 12 / 2008

## NPK-WATER-SOLUBLE FERTILISER (NON OXIDIZING)

FSP-G02

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

Trade name : NPK-WATER-SOLUBLE FERTILISER  
(NON OXIDIZING)

Type of product : Fertilizer.

Use : Agriculture.

Company identification : ROSIER SA  
Route de Grandmetz 11a  
B-7911 Moustier Belgique-Belgie  
Tel: +32 (0)69 87 15 30  
Fax: +32 (0)69 87 17 09  
www.rosier.eu

Emergency phone nr : +32 (0)70 245 245

### SECTION 2 Hazards identification

#### Symptoms relating to use

- Inhalation : Dust from this product may cause respiratory irritation.

- Skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use.

- Eye contact : Direct contact with the eyes is likely irritating.  
Dust from this product may cause eye irritation.

- Ingestion : Ingestion unlikely.  
No significant signs or symptoms indicative of any adverse health hazard are expected to occur as a result of ingestion.

### SECTION 3 Composition/information on ingredients

Components : This product is not hazardous but contains hazardous components.

Substance name	Contents	CAS No	EC No	Annex No	REACH	Classification
Potassium nitrate	< 75 %	7757-79-1	231-818-8	----	01-2119488224-35	O; R8

### SECTION 4 First aid measures

#### First aid measures

- Inhalation : Assure fresh air breathing.

- Skin contact : Wash skin with mild soap and water.

- Eye contact : Rinse immediately with plenty of water.

- Ingestion : Seek medical advice (show the label where possible).  
Do not induce vomiting.  
Rinse mouth.

### SECTION 5 Firefighting measures

Flammable class : The product is not flammable.  
May accelerate the burning of other combustible materials.

Extinguishing media

- Suitable extinguishing media : Large quantity of water.

- Unsuitable extinguishing media : Foam  
CO2.

Surrounding fires : Use water spray or fog for cooling exposed containers.

Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.

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### SECTION 5 Firefighting measures (continued)

Special procedures : Exercise caution when fighting any chemical fire.

### SECTION 6 Accidental release measures

**Personal precautions** : Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.

**Environmental precautions** : Prevent entry to sewers and public waters.  
Notify authorities if product enters sewers or public waters.

**Clean up methods** : Collect spills and put it into appropriated container.

### SECTION 7 Handling and storage

**General** : Handle in accordance with good industrial hygiene and safety procedures.  
Minimize generation of dust.

**Personal protection** : Avoid all unnecessary exposure.  
Ensure prompt removal from eyes, skin and clothing.

**Storage** : Keep only in the original container in a cool, well ventilated place.  
Store away from heat/moisture.  
Prevent contamination by irrelevant materials.  
Avoid :  
- combustible materials  
- organic materials  
Reducing agents, alkalis, finely divided metals.  
Acids.

**Handling** : Keep away from food, drink and animal feeding stuffs.  
Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

### SECTION 8 Exposure controls/personal protection

**Personal protection**

- **Respiratory protection** : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.  
Where excessive dust may result, wear approved mask.

- **Hand protection** : In case of repeated or prolonged contact wear gloves.

- **Skin protection** : No special clothing/skin protection equipment is recommended under normal conditions of use.

- **Eye protection** : Where excessive dust may result, wear goggles.

- **Ingestion** : When using, do not eat, drink or smoke.

**Industrial hygiene** : Local exhaust is recommended where dust may occur.

**Occupational Exposure Limits** : Urea : TLV - ACGIH [mg/m<sup>3</sup>] : 10  
Urea : OSHA PEL [mg/m<sup>3</sup>] : 15

**Exposure controls**

TLV<sup>©</sup> -TWA [mg/m<sup>3</sup>] : 10 (Dust)

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### SECTION 9 Physical and chemical properties

Physical state at 20 °C : Powder.  
Odour : Barely perceptible.  
pH value : (10%) 2.5-5

### SECTION 10 Stability and reactivity

Stability and reactivity : Stable under normal conditions.  
Hazardous decomposition products : Thermal decomposition generates :  
Nitrogen oxides.  
Hazardous reactions : None under normal conditions.  
Hazardous properties : None under normal conditions.  
Materials to avoid : - combustible materials  
- organic materials  
Reducing agents, alkalis, finely divided metals.  
Acids.  
Conditions to avoid : Heat.  
Open flame.

### SECTION 11 Toxicological information

Rat oral LD50 [mg/kg] : No data available.

### SECTION 12 Ecological information

LC50-96 Hour - fish [mg/l] : No data available.

### SECTION 13 Disposal considerations

General : Dispose in a safe manner in accordance with local/national regulations.

### SECTION 14 Transport information

General information : Not submitted to ADR. RID/ADNR/IMDG

### SECTION 15 Regulatory information

EC Classification : Not classified as dangerous product (Directive 1999/45/EC).  
Symbol(s) : None.  
R Phrase(s) : None.  
S Phrase(s) : None.

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## SECTION 16 Other information

Further information : None.

The contents and format of this SDS are in accordance with EC Commission Directive 2001/58/EC.

**DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

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