



SAFETY DATA SHEET

Page : 1 / 4

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^3] : 10
Urea : OSHA PEL [mg/m^3] : 15

Exposure controls

TLV[©] -TWA [mg/m^3] : 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.

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