

Trade name **Fertilizer TSP Powder 0-44-0****1. Identification of the substance / preparation and of the company / undertaking**Product name: **Fertilizer TSP Powder 0-44-0**Supplier:  
Distributor: Agrium Europe S.A.  
Avenue Louise 326  
Bte 36  
B – 1050  
BRUXELLES – Belgique  
Tel. : +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 irritation.  
In case of large inhalation product dust can cause irritation of the respiratory tracts.

For the environment: Prevent fire-fighting water from surface water.

# SAFETY DATA SHEET

In accordance with the EC Regulation No. 1907/2006

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### 3. Composition/information on ingredients

Chemical designation of preparation:  
Inorganic compound with complex inorganic impurity.

Salt in the mixture mainly contain the following ions:

Phosphate:  $\text{PO}_4^{3-}$  -  $\text{HPO}_4^{2-}$  Calcium:  $\text{Ca}^{2+}$

Ingredient present under classification thresholds :

Contains: Phosphoric acid  
No CAS: 7664-38-2 No EINECS: 231-633-2  
Labelling: **C - Corrosive** ; R 34  
Content: 4% maximum

### 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 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, powder, foam, sand and  $\text{CO}_2$ .

Not advised: None.

Particular risks in the event of fire: Non-combustible.  
For further information, see chapter 10.

Special maintenance equipment: Wearing individual breathing apparatus is strongly recommended.

Other information: Prevent fire-fighting water from entering waste water.

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### 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.

### 7. Handling and storage

Handling:	No special measures to take when the product is well handled.
Storage:	Store containers tightly closed in a cool place, in a well-ventilated place. The product in bulk must be covered because of moisture. Recommended packaging materials: Plastic material (polypropylene or polyethylene).

### 8. Exposure controls/personal protection

Specific control parameters:	Dust of product: VME: 10 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.

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### 9. Physical and chemical properties

Form:	Powder solid with crystals.	
Color:	White to grey-brown.	
Odour:	Odourless.	
pH value:	≥ 3 (solution at 1%)	
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> ):	1	
Granulometrics (mm):	Undetermined	
Water solubility:	Soluble at 85%.	
Log P(o/w):	Not applicable.	

### 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:	Nothing known.
Hazardous decomposition products:	At high temperatures: Possible formation of PO(x) and CaO.
Further data:	

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### 11. Toxicological information

Acute toxicity:	LD <sub>50</sub> by the mouth (rat): undetermined
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: Possible irritation. After eye contact: Possible irritation. After ingestion: Possible pain in the oesophagus and stomach, may cause vomiting and diarrhea.
Other information:	

### 12. Ecological information

Formulation data

Mobility:

Phosphates and calcium ions are adsorbed by the soil.

Degradability:

The mixture is easily degradable.

Bio accumulation:

Nothing known for ground and water organisms

Ecotoxicological effects:

The mixture is hardly toxic for water life.

Large discharge of nitrates and phosphates into stagnant water can cause eutrophication.

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.

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### 14. Transport information

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

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

Regulation according to EC fertilizer directives:

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:

R34 – Causes burns.

Origin:

This data sheet was realised 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.