



SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product name: MELSPRAY NPK 06-05-30 + 2Mg + TE

Supplier: Melchemie Holland B.V. tel.: +31 26 445 12 51
Jansbuitensingel 20 fax: +31 26 442 50 93
P.O. Box 143
6800 AC ARNHEM
The Netherlands

Marketed in NZ by: De Sangosse New Zealand Limited
PO Box 113
Te Awamutu
New Zealand

Tel: 07 827 4856
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Emergency number: 0800 POISON (0800 764 766)

Section 2. Hazards Identification

Eye contact: May cause irritation of eyes in case of dust emission.
Inhalation: Inhalation of dust may cause irritation of the bronchia.
Skin contact: No hazards known.
Ingestion: Ingestion to a large extent may cause gastric disorder.
May cause vomiting.

Section 3. Composition / Information on Ingredients

Name of ingredients: MAP 12-27-0
MKP 0-23-28
Potassium sulphate
Magnesium sulphate 19%
Cu, Fe, Mn, Zn in EDTA form
Borax

Section 4. First Aid Measures

Eye contact: Wash out with plenty of water.
Consult an oculist in the event of pain or redness.
Inhalation: Remove victim from the contaminated atmosphere to a warm place – rest.
Consult a doctor in the event of persistent complaints.
Skin contact: Not applicable.
Ingestion: Rinse mouth with water – never give to drink to an unconscious person.
Do not induce vomiting.
Consult a doctor in case of sickness.

Section 5. Fire Fighting Measures

Extinguishing media: All types of extinguishing agent permitted.

Inflammable

Special risks: Burning may produce toxic gasses at very high temperature.
(CO-CO₂, SO₂, phosphorus oxide, nitrous fumes).

Protection equipment: Normal protection equipment.
In closed areas use a self-contained breathing apparatus.
Anti-gas overalls.

Section 6. Accidental Release Measures

Personal precautions: Avoid contact with skin and eyes.
Wear adequate protective clothing when cleaning up.

Environmental precautions: Avoid spillage of product into sewerage.
Try to stop leaking out.

Methods for cleaning up: Collect spilled material in sealable containers.
Scrub and clean the surface (dry sweeping or vacuum cleaner).
Consult an expert.

Section 7. Handling and Storage

Handling: No specific precautions other than normal hygiene are required.
Wear protective clothing.

Storage: store in a cool, well-ventilated place.

Incompatible products: acids – bases – sources of heat-avoid humidity.

Packaging materials: suitable: synthetic material, stainless steel.
not suitable: steel, iron, aluminum, wood, ordinary metals.

Section 8. Exposure Controls / Personal Protection

General: Avoid contact with skin and eyes.

Personal protection:

Respiratory protection: wear a dust filter mask.

Hand protection: wear rubber or PVC gloves.

Eye protection: wear safety goggles.

Skin protection: wear appropriate clothing.

Specific hygienic measures: No specific precautions other than normal hygiene are required.

Section 9. Physical and Chemical Properties

Physical appearance: mix of powder materials

Colour: uncoloured

pH (1 gr/litre): 3.54 +/- 0.1

Flash point: not applicable

Melting point: starting from 190° C (MAP)

Solubility: water-soluble

Viscosity (Brookfield): -

Conductivity (1 gr/l): 1.36 (MS)

Cl content: traces (< 0,05%)

Other data: hygroscopic product

Section 10. Stability and Reactivity

Stable under normal conditions
Heating / burning may cause emission of toxic fumes

Section 11. Toxicological Information

Based on the properties of the different raw materials
LD50 oral on rats: > 5000 mg/kg

Section 12. Ecotoxicological Information

The product is biodegradable.
May cause phenomena of eutrophication.

Section 13. Disposal Considerations

Disposal according to the local legislation.
Chemicals (European code of disposals 75/442/CEE dated 15 July 1975 with regard to disposals, modified by directive 91/136/CEE).
Contact supplier if instructions are needed.

Section 14. Transport Information

Not considered a hazardous substance under the HSNO regulations.

Section 15. Regulatory Information

Not applicable

Section 16. Other Information**Disclaimer**

This document has been compiled by the manufacturer of the product and serves as the manufacturer's Safety Data Sheet ('SDS'). It is based on information concerning the product which has been obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While we have taken all due care to include accurate and up-to-date information in this SDS, we do not provide any warranty as to accuracy or completeness. As far as lawfully possible, De Sangosse New Zealand Ltd accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

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