

(EN)

EC FERTILIZER

(2002 C 51 E /C.1.3.)

MATERIAL SAFETY DATA SHEET



**House&Garden®A-Soil Nutrient**

**1. Identification of the Product and the Company**

Product Name : A-Soil nutrient  
Distributor : House&Garden. B.V.  
Postbus 1032, NL-1300 BA Almere  
Emergency Phone : +31 (0)610 939412

**2. Composition / Information on Ingredients**

Chemical Description : Calcium nitrate solution  
Hazardous Ingredients : Nitrogen total (N) 2% (as nitrate nitrogen)  
Potash (K<sub>2</sub>O) 1% (soluble in water)  
Magnesium (Mg) 0,2 (soluble in water)

**3. Hazards**

Causes irritation. Slightly acid

Skin : Irritating,  
Eyes : Irritating,  
Ingestion : May irritate throat and cause gastrointestinal irritation or nausea  
Inhalation : None  
Fire : Non-combustible

**4. First Aid Measures**

Skin : Remove contaminated clothing, thoroughly wash exposed area with water or take shower, seek medical advice  
Eyes : Flush with water for at least 15 minutes and seek medical advice  
Ingestion : Rinse mouth with water and seek medical advice or go to hospital  
Inhalation : n.a.

**5. Fire Fighting Measures**

Extinguishing Media : The product itself is not combustible; in case of fire in immediate environment: all extinguishing media are permitted; preferred media are water spray, foam, CO<sub>2</sub>, dry ice.  
Unsuitable Extinguishing Media : Water jet.  
Specific Hazards : In case of fire, cool storage tanks and containers with water spray to prevent decomposition.

**6. Accidental Release Measures**

Personal precautions:  
Avoid contact with skin and eyes.

Environmental precautions and disposal:  
Avoid environmental distribution. Do not discharge to sewer or surface water.

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**7. Handling & Storage**

Handling:

Keep out of reach of children. Not for internal use, avoid contact with skin and eyes. Irritates the skin, mucous membranes, eyes and gullet. Wear suitable protective clothing.

In case of contact with skin or eyes, wash immediately with plenty of water.

Technical precautions: safety shower and eye shower stations.

Store at a temperature between 7 and 30 degrees Centigrade.

Storage:

Storage conditions: Take all necessary precautions to prevent contamination in case of damaged containers. Store the containers onto drip trays or barrier material to prevent product from being discharged to the sewer or the surface water.

**8. Exposure Control/Personal Protection**

Personal Protection:

Skin : Gloves, protective clothing.

Eyes : Eye goggles

Inhalation : n.a.

**9. Physical & Chemical Properties**

Appearance : Clear, red fluid

Odour : None

pH : <5

Crystallization temperature : <5<sup>0</sup>C

Bulk density : 1.20 kg/l at 30<sup>0</sup>C

Solubility in water : fully soluble

**10. Stability & Reactivity**

Conditions to avoid: do not expose to heat. Temperatures in excess of 200<sup>0</sup>C may cause decomposition and release poisonous nitrate vapours.

Materials to avoid : metals, alkalis

Suitable materials : plastics, pvc

**11. Toxicological Information**

n.a.

**12. Ecological Information**

Larger quantities of A-Soil Nutrient are water contaminant.

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**13. Disposal Information**

Soiled containers : Rinse with water, contact distributor/manufacturer on reuse.  
Remainders/unused product: Neutralise with water. Mix residues with soil or sand before disposal. Ensure that disposal is in compliance with local regulations.

**14. Transport Information**

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ADR/RID none/IMDG/CFR NON HAZARDOUS  
Shipping information: Soil nutrient.

**15. Regulatory Information**

Labelling in compliance with EC Directives (2002 C 51E /C.1.3.)  
Slightly irritating

**16. Other Information**

The information provided in this Material Safety Data Sheet is to our best knowledge and belief, accurate and reliable as of the date compiled. However, no warranty or guarantee is made in this respect. It remains the user's responsibility to ensure the suitability and completeness of this information for a particular application. House&Garden B.V. does not accept liability for any damage or loss that may arise from the use of this information.

Reference: House&Garden.B.VI/WH

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