

## SOLVIKA MIX 320

Seeding mix, medium 0-20 mm

This product is not classified as hazardous under Regulation (EC) No 1272/2008 (CLP). This sheet is supplied voluntarily, for the safety of the people who handle the product.

### SECTION 1: Identification of the product and of the company

|                         |                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 1.1 Product identifier  | SOLVIKA MIX 320, Seeding mix, medium 0-20 mm                                                                                                  |
| 1.2 Identified uses     | Growing medium for professional horticulture. Uses advised against: none known.                                                               |
| 1.3 Supplier            | UAB SOLVIKA, Leipalingio str. 4, LT-67228 Miesto Kolonijos vil., Lithuania. Phone +370 655 99 111, e-mail export@peatmoss.lt, www.peatmoss.lt |
| 1.4 Emergency telephone | Poison Control and Information Bureau, Lithuania, +370 5 236 2052 (24 hours).<br>Supplier: +370 655 99 111, working days.                     |

### SECTION 2: Hazards identification

|                    |                                                                                                                                                                                                                                                      |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.1 Classification | Not classified as hazardous under Regulation (EC) No 1272/2008. The classification follows from the ingredients: the peat and the limestone are not hazardous, and the fertiliser and the wetting agent are small doses per cubic metre (section 3). |
| 2.2 Label elements | None required. No hazard pictogram, signal word or hazard statement.                                                                                                                                                                                 |
| 2.3 Other hazards  | Dust from dry material may irritate the eyes and the airways. Dry peat burns, and a fire can smoulder inside a bag or pile after the surface is out. Not a PBT or vPvB substance or mixture.                                                         |

### SECTION 3: Composition, information on ingredients

3.2 Mixture. The share of peat is by volume. The additives are doses per cubic metre.

| Ingredient                                                                  | Share or dose         |
|-----------------------------------------------------------------------------|-----------------------|
| Sphagnum peat, slightly decomposed                                          | 100% by volume        |
| Limestone, calcitic and dolomitic (calcium and calcium magnesium carbonate) | to pH 5.5 to 6.5      |
| Compound mineral fertiliser NPK 14-16-18 with trace elements                | 1.0 kg/m <sup>3</sup> |
| Wetting agent (Fiba-Zorb)                                                   | 200 ml/m <sup>3</sup> |

### SECTION 4: First aid measures

|                          |                                                                                                                                                                                                                                                                                                                                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4.1 First aid            | Inhalation: move to fresh air. Eye contact: rinse the eyes with water to remove particles, and get medical advice if irritation persists. Skin contact: wash with water, and keep open wounds covered and clean, as any good hygiene programme suggests.<br>Ingestion: rinse the mouth with water, and get medical advice if you feel unwell. |
| 4.2 Symptoms and effects | None known, apart from mechanical irritation of the eyes or airways by dust.                                                                                                                                                                                                                                                                  |
| 4.3 Medical attention    | No immediate medical attention or special treatment is needed.                                                                                                                                                                                                                                                                                |

### SECTION 5: Firefighting measures

|                             |                                                                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 5.1 Extinguishing media     | Water, preferably as spray or mist, and foam.                                                                                          |
| 5.2 Special hazards         | Burning may continue inside bags or piles after the surface fire is out. Smoke contains carbon monoxide and carbon dioxide.            |
| 5.3 Advice for firefighters | Break the bags or separate the pile so the fire is extinguished throughout, and soak the material. In smoke, wear breathing apparatus. |

### SECTION 6: Accidental release measures

|                               |                                                                                        |
|-------------------------------|----------------------------------------------------------------------------------------|
| 6.1 Personal precautions      | Avoid raising dust. No special protective equipment is needed.                         |
| 6.2 Environmental precautions | None needed: the material is a natural growing medium.                                 |
| 6.3 Cleaning up               | Sweep or shovel up the material in a way that keeps dust down. It can be used on soil. |
| 6.4 Other sections            | Protection: section 8. Disposal: section 13.                                           |

## SECTION 7: Handling and storage

|                      |                                                                                  |
|----------------------|----------------------------------------------------------------------------------|
| 7.1 Safe handling    | Avoid creating dust. Ventilate enclosed spaces where the product is handled dry. |
| 7.2 Safe storage     | Store in a cool, dry place, away from heat sources and open flame.               |
| 7.3 Specific end use | Growing medium, see 1.2.                                                         |

## SECTION 8: Exposure controls, personal protection

|                        |                                                                                                                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8.1 Control parameters | No occupational exposure limit is set for peat. The general limits for inhalable and respirable dust of the country of use apply.                                                                           |
| 8.2 Exposure controls  | Respiratory protection is not normally needed. Where dust is created, a dust mask. Protective glasses where dust levels are high enough to irritate the eyes. Gloves are recommended. Normal work clothing. |

## SECTION 9: Physical and chemical properties

|                                 |                                        |
|---------------------------------|----------------------------------------|
| 9.1 Appearance                  | Solid, loose and fibrous. Light brown. |
| Odour                           | Earthy.                                |
| pH (H <sub>2</sub> O), EN 13037 | 5.5 to 6.5                             |
| Bulk density (natural)          | 80 to 200 g/L                          |
| Moisture, EN 13040              | about 45 to 60%                        |
| Solubility in water             | Insoluble.                             |
| Flammability                    | Combustible when dry.                  |
| Melting point, flash point      | Not applicable.                        |
| 9.2 Other information           | None.                                  |

## SECTION 10: Stability and reactivity

|                             |                                                    |
|-----------------------------|----------------------------------------------------|
| 10.1 Reactivity             | Not reactive under normal conditions.              |
| 10.2 Chemical stability     | Stable under normal conditions of storage and use. |
| 10.3 Hazardous reactions    | None known.                                        |
| 10.4 Conditions to avoid    | Heat and open flame.                               |
| 10.5 Incompatible materials | None known.                                        |
| 10.6 Decomposition products | Burning gives carbon monoxide and carbon dioxide.  |

## SECTION 11: Toxicological information

|                     |                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------|
| 11.1 Hazard classes | No toxic effects are known for the product. Dust may irritate the eyes and the airways mechanically. |
| 11.2 Other hazards  | No endocrine disrupting properties are known.                                                        |

## SECTION 12: Ecological information

|                                    |                                                                                                              |
|------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 12.1 Toxicity                      | No harmful effects on the environment are known.                                                             |
| 12.2 Persistence and degradability | A natural organic material that is biodegradable.                                                            |
| 12.3 Bioaccumulation               | Not expected.                                                                                                |
| 12.4 Mobility in soil              | The peat is an insoluble solid. The fertiliser nutrients are water soluble and can leach with surplus water. |
| 12.5 PBT and vPvB                  | Not a PBT or vPvB substance or mixture.                                                                      |
| 12.6 Endocrine disruption          | No endocrine disrupting properties are known.                                                                |
| 12.7 Other adverse effects         | None known.                                                                                                  |

## SECTION 13: Disposal considerations

|                      |                                                                                                                        |
|----------------------|------------------------------------------------------------------------------------------------------------------------|
| 13.1 Waste treatment | Not hazardous waste. Surplus product can be spread on soil. Packaging goes to recycling or disposal under local rules. |
|----------------------|------------------------------------------------------------------------------------------------------------------------|

## SECTION 14: Transport information

|                                 |                                                                                                                      |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------|
| 14.1 to 14.4                    | Not dangerous goods under ADR, RID, IMDG or IATA: no UN number, proper shipping name, hazard class or packing group. |
| 14.5 Environmental hazards      | None.                                                                                                                |
| 14.6 Special precautions        | None.                                                                                                                |
| 14.7 Maritime transport in bulk | Not applicable.                                                                                                      |

## SECTION 15: Regulatory information

15.1 Not classified under Regulation (EC) No 1272/2008. The peat in this product is exempt from registration under REACH (Annex V, point 8).

Contaminants and pathogens against the limits for a growing medium in Regulation (EU) 2019/1009, Annex I, Part II, PFC 4:

| Parameter                                                 | Limit          | Result               |
|-----------------------------------------------------------|----------------|----------------------|
| Cadmium (Cd), mg/kg dry matter                            | 1.5            | 0.22                 |
| Chromium, total, mg/kg dry matter (limit for Cr VI)       | 2              | below 2.0            |
| Mercury (Hg), mg/kg dry matter                            | 1              | 0.052                |
| Nickel (Ni), mg/kg dry matter                             | 50             | below 2.0            |
| Lead (Pb), mg/kg dry matter                               | 120            | 14                   |
| Arsenic, total, mg/kg dry matter (limit for inorganic As) | 40             | 1.29                 |
| Copper (Cu), mg/kg dry matter                             | 200            | 2.0                  |
| Zinc (Zn), mg/kg dry matter                               | 500            | 16                   |
| Salmonella spp.                                           | absent in 25 g | not detected in 50 g |
| Escherichia coli, per g                                   | 1 000          | below 10             |

Laboratory analysis of 16 Jul 2025, measured on SOLVIKA peat moss from Latvia, the peat this substrate is made from. Hexavalent chromium and inorganic arsenic were not measured separately. The full report is sent on request.

15.2 A chemical safety assessment has not been carried out.

## SECTION 16: Other information

Version 1 of 16 Oct 2026, the first in this format. It replaces the earlier material safety data sheets for this product.

The technical values of this product are on its technical datasheet: [www.peatmoss.lt/substrates/solvika-mix-320/](http://www.peatmoss.lt/substrates/solvika-mix-320/)

The information in this sheet is based on our present knowledge and our laboratory reports. It describes the product for safety purposes and is not a specification or a guarantee of properties. Users should check the suitability of the product for their own conditions.