

MATERIAL SAFETY DATA SHEET

KB 11/01/93 (BS 17/05/1993) en KB 23/06/1995 (BS 26/10/1995)
Translation from original in Dutch language.

1. Product name and manufacturer

1.1. Product name : TOURTURF® BIO PLANT ACTIVATOR 3-3-3 + 2 % MG + 1 % FE (32018NG)

1.2. Manufacturer : E. Marker A/S – Okslundvej 8, Bov, DK-6330 Padborg

1.3. Telephone (for emergency) : +45 74 67 08 08

2. Composition and information on ingredients

hazardous ingredients	CAS-nr	concentration	hazard symbol	R-sentences
<i>no hazardous ingredients</i>	-	-	-	-

3. Risks

not a hazardous product

4. First-aid measure

4.1. In case of eye contact : *wash with plenty of water. Consult doctor if irritation persists.*

4.2. In case of skin contact : *wash with plenty of water and soap.*

4.3. In case of inhalation : *in case of dust inhalation remove into fresh air*

4.4. In case of swallow : *consult doctor immediately.*

5. Fire-fighting measure

5.1. Extinguish with : *Water, CO₂ or other similar products*

5.2. Products to avoid : *none*

5.3. Special risks : *not known*

5.4. Special clothes recommended : *use respiratory mask*

6. Accidental release measure

6.1. Towards individuals : *wash hands and body with plenty of water and soap*

6.2. Towards environment: *sweep or scoop up and collect for disposal. Flush area with lots of water. Avoid contamination of streams and waterways.*

6.3. Cleaning empty bags/boxes : *collect product leftover and use as fertilizer*

7. Handling and storage

7.1. Handling : *no special precautions needed.*

7.2. Storage : *store in a cool, dry place. Keep away from chemicals. Keep in original package.*

8. Exposure control / personal protection

8.1. Respiratory protection : *not needed in open air*

8.2. Ventilation : *not needed; in case of dust open the area or use ventilation.*

8.3. Protective gloves : *optional*

8.4. Eye protection : *optional*

9. Physical and chemical properties

9.1. Appearance : *brown granular product*

9.2. Odour : *light organic flavour*

9.3. pH (concentrated) : *n.a.*
pH (10 %-water solution) : *n.a.*

9.4. Boiling point : *n.a.*

9.5. Melting point : *n.a.*

9.6. Evaporation rate : *n.a.*

9.7. Vapor pressure : *n.a.*

9.8. Specific gravity : *650 g/kg*

9.13. Solubility :
- in water : *partly water soluble.*

10. Stability and reactivity

10.1. Stability : *stable under normal conservation conditions. Sensitive to microbiological deterioration*

10.2. Conditions to avoid : *humidity during storage*

10.3. Incompatibility : *microbiological decomposition and mineralisation; uptake by living creatures.*

10.4. Hazardous decomposition and by-products : *not known*

11. Toxicological information

11.1. Symptoms of exposure :

- in case of eye contact : *irritation*
- in case of skin contact : *slight irritation in case of sensitive skin*
- in case of inhalation : *in case of dust : irritation*
- in case of swallow : *nausea*

11.2. Carcinogenic : n.a.

11.3. Toxicity :

- Oral (LD-50 rat) : n.a.
- Dermal (LD-50 rabbit) : n.a.
- Inhalation (LC-50 4h) : n.a.

12. Environmental information

12.1. Watertoxicity : *inducing growth of algae*

12.2. Environmental effects : *increases fertilizer content of soils*

12.3. Decomposition : *easily by micro-organisms*

12.4. Bio-accumulation : *none*

13. Disposal consideration

Waste material should be dumped under condition which meet all federal, state and local environmental control regulations

14. Transportation Information

14.1. Product Identification Number (UN number) : -

14.2. Truck ADR/RID : -

14.3. Cargo IMDG : -

14.4. Cargo IATA/ICAO : -

15. Legal information

15.1. Label : fertiliser NPK Compound organic

Hazard symbol : *none*

Ingredients : *prime materials for fertilizer production*

Warnings in use : *none*

15.2. EINECS number : -

16. Other information

This information is given without warranty, express or implied, about product quality and product effects, except that it is accurate to the best knowledge of the E.Marker A/S company.

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