

## 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® ORGANIC GROWTH 15-3-8 + 2 % Mg + 1 % Fe (32033)

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, CO<sub>2</sub> 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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