

MATERIAL SAFETY DATA SHEET

This SDS is not mandated under REACH Regulation (EC) No 1907/2006 and is provided for information only.

Date of issue / Revision date: 20.02.2020
 Date of previous issue: 18.09.2017
 Version: 1.2

1. Product name and manufacturer

1.1. Product name: TourTurf Algae Plus Seaweed (8720)
1.2. Manufacturer: E. Marker A/S – Okslundvej 8, Bov, DK-6330 Padborg
1.3. Telephone (for emergencies): +45 74 67 08 08 Office Hours 8:00-16:00 weekdays only

2. Composition and information on ingredients

2.1. Substances

Materials Extract of Ascophyllum nodosum.

2.2. Mixtures

Composition comments This product does not contain any hazardous ingredients, or ingredients with national workplace exposure limits.

hazardous ingredients	CAS-nr concentration	hazard symbol	R-sentences
no hazardous ingredients	-	-	-

3. Hazards identification

3.1. Classification of the substance or mixture

Classification Comment This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) -

3.2. Label elements

Hazard statements NC Not Classified

3.3. Other hazards

4. First-aid measure

4.1. Description of first aid measures

General information	No specific recommendations.
Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	If necessary, rinse mouth and provide fresh air. Get medical attention if any discomfort continues.
Skin contact	Wash skin thoroughly with soap and water.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	No specific recommendations.
----------------------	------------------------------

5. Fire-fighting measure

5.1. Extinguishing media

Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
------------------------------	-----------------------------------------------------------------------------------------------

5.2. Special hazards arising from the substance or mixture

Hazardous combustion	Oxides of carbon.
Products	

5.3. Advice for firefighters

Protective actions during firefighting	Containers close to fire should be removed or cooled with water.
Special protective equipment	Wear positive-pressure self-contained breathing apparatus (SCBA) and for firefighters appropriate protective clothing.

6. Accidental release measure

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. In case of spills, beware of slippery floors and surfaces.

6.2. Environmental precautions

Environmental precautions No negative effects on the aquatic environment are known.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Wash thoroughly after dealing with a spillage.

6.4. Reference to other sections

7. Handling and storage

7.1. Handling: Handle all packages and containers carefully to minimise spills.

7.2. Storage: Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.

8. Exposure control / personal protection

8.1. Control parameters

8.2. Exposure controls

Protective equipment



Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

Hygiene measures	No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.
Respiratory protection	No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

9. Physical and chemical properties

9.1. Appearance:	dark brown liquid
9.2. Odour:	n.a.
9.3. pH (concentrated):	~4,6
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. Relative density:	~1,145

10. Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability	Stable at normal ambient temperatures.
-----------	----------------------------------------

10.3. Possibility of hazardous reactions

Possibility of hazardous Reactions	Will not polymerise.
------------------------------------	----------------------

10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition.
---------------------	---------------------------------------------------

10.5. Incompatible materials

Materials to avoid	Strong oxidising agents. Strong acids. Strong alkalis.
--------------------	--------------------------------------------------------

10.6. Hazardous decomposition products

Hazardous decomposition products	Thermal decomposition or combustion products may include the following substances: Oxides of carbon.
----------------------------------	------------------------------------------------------------------------------------------------------

11. Toxicological information

11.1. Information on toxicological effects

Toxicological effects

General information	No specific health hazards known.
Inhalation	No specific health hazards known.
Ingestion	No specific health hazards known. No harmful effects expected from quantities likely to be ingested by accident.
Skin contact	No specific health hazards known.
Eye contact	Vapour or spray in the eyes may cause irritation and smarting.
Acute and chronic health hazards	No specific health hazards known.
Medical symptoms	No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.
Medical considerations	May cause allergic contact eczema. Prolonged or repeated exposure may cause the following adverse effects: Allergic rash. Get medical attention.

12. Environmental information

Ecotoxicity	No negative effects on the aquatic environment are known.
-------------	-----------------------------------------------------------

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability	The product is expected to be biodegradable.
-------------------------------	----------------------------------------------

12.3. Bioaccumulative potential

Bioaccumulative potential	The product does not contain any substances expected to be bioaccumulating.
---------------------------	-----------------------------------------------------------------------------

12.4. Mobility in soil

Mobility	The product is soluble in water.
----------	----------------------------------

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
------------------------------------	-------------------------------------------------------------------------

12.6. Other adverse effects

13. Disposal consideration

General information

Waste is suitable for incineration.

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. Transportation Information

General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Not applicable

Annex II of MARPOL 73/78

and the IBC Code

15. Legal information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
 Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Guidance

Workplace Exposure Limits EH40.

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.

Date on original: 22.08.2015

Date updated: 20.02.2020



TourTurf®

osmo



GroGreen®

HumberPalmers

Nature & Technology Hand in Hand



Herbatech®

On the turf side

black earth

