

SAFETY DATA SHEET

Version 1 / date: 01/31 August 2017

Product

name: TOTALHUMUS

Conforms to Commission Regulation (EC) No. 453/2010 of 20 May 2010.

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE

1.1. PRODUCT IDENTIFIER: TOTALHUMUS

1.2. Relevant identified uses of the substance or mixture and uses advised against:

Plant growth activator, semi-finished product for organic-mineral fertilizers, sewage treatment, tanning industry.

1.3. Details of the supplier of the safety data sheet:

Address: THE Sp. z o.o.

Ul. Obłokowa 1, 66-415 Kłodawa

Tel: +48 791 01 01 03

e-mail: biuro@totalhumus.pl

1.4. Emergency telephone numbers:

998 – fire brigade

112 – common emergency telephone number

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the mixture:

- **Classification in accordance with Regulation (EC) No. 1272/2008:**

This product is not classified as hazardous.

- **Classification in accordance with Directive 1999/45/EC:**

This product is not classified as hazardous.

2.2. Label elements:

- **In accordance with Regulation (EC) No. 1272/2008:**

Not required.

- **In accordance with Directive 1999/45/EC:**

Not required.

2.3. Other hazards:

The product is not hazardous.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances:

Not applicable, the product is a mixture.

3.2. Mixtures:

- **Classification in accordance with Regulation (EC) No. 1272/2008:**

Water extract of brown coal.

- **Classification in accordance with Directive 67/548/EEC:**

Water extract of brown coal.

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SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures:

Inhalation: If inhaled move the affected person to fresh air and keep warm and at rest. Consult a doctor if necessary.

Eye contact: Rinse with plenty of clear water for 15 minutes keeping eyelids open. Consult an ophthalmologist if redness, pain or vision disorder occurs.

Skin contact: In the case of skin contact remove clothing, rinse skin with plenty of soap and water. Consult a doctor if irritation occurs.

Ingestion: If ingested rinse mouth with water. Consult a doctor if troubles persist. Show the packaging or label.

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

- Eye contact: liquid or fumes can cause conjunctivitis or conjunctival irritation
- Skin contact: repeated skin contact causes blackening and drying of skin
- Ingestion: nausea, vomiting, breathing difficulties, dizziness
- Inhalation: dizziness, drowsiness

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

In case of doubts or intensifying symptoms always consult a doctor.

NEVER give anything by mouth to an unconscious person.

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media:

Extinguishing powders, carbon dioxide, alcohol-resistant foam, spray water jet.

Do not use a heavy jet of water!

5.2. Special hazards arising from the substance or mixture:

Dangerous exhaust gases, including carbon monoxide, can be released during combustion.

Avoid inhalation of combustion products, which may pose a health risk.

5.3. Advice for firefighters:

General protection measures in the event of a fire.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:

Familiarise with the safety measures presented in Sections 7, 8 and 13.

6.2. Environmental precautions:

In the event of major amounts of the product being released take steps to prevent it from spreading in the natural environment. Notify appropriate emergency services.

6.3. Methods and material for containment and cleaning up:

Wipe small amounts of the spilled product with a cloth or a mop; secure the greater amount of the substance with sand or other neutral absorbing material, collect to a waste bin and dispose in accordance with the local regulations. Flush the remains and the contaminated surface with water. Use non-sparking tools.

6.4. Reference to other sections:

Additional information on personal protective equipment and waste handling presented in Sections 8 and 13.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

During use and storage adhere to the general rules of occupational health and safety. Ensure proper ventilation. Avoid skin and eye contamination. Keep unused containers tightly sealed. Remove sources of ignition, do not smoke. Wash hands thoroughly after handling. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities:

Store in original packaging in vertical position, out of reach of children. Handle open containers very carefully, so as to avoid spilling.
Use only as recommended.

7.3. Specific end use(s):

Keep away from children.
Use only as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No data.

8.2. Exposure controls

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The personal protective equipment used should meet the requirements of the Regulation of the Minister of Economy of 21 December 2005 on essential requirements for personal protection (Polish journal of Laws No. 259, item 2173)

Respiratory protection: Not required under normal operating conditions.

Hand protection: In the event of long-term or repeated contact use protective gloves resistant to the product. Regular change of gloves and their immediate replacement is recommended in the event of appearance of signs of their wear, damage (tears, punctures) or change in appearance (colour, flexibility, shape).

Use of protective cream on uncovered body parts recommended.

Eye protection: Safety goggles in accordance with PN-EN:166:2005.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

Appearance:	dark brown-black liquid
Odour:	characteristic, in accordance with the standard
Odour threshold:	no data
pH:	10.5
Melting point/freezing point:	no data
Initial boiling point:	no data
Boiling range:	no data
Flash point:	no data
Evaporation rate:	no data
Flammability (solid, gas):	not applicable
Upper/lower flammability or explosive limits:	not applicable
Vapour pressure:	not applicable
Vapour density:	not applicable
Relative density (20°C):	0.997-1.002 g/cm ³
Solubility:	water-soluble
Partition coefficient: n-octanol/water:	not applicable
Auto-ignition temperature:	no data
Decomposition temperature:	not applicable
Viscosity:	no data
Explosive properties:	not applicable
Oxidising properties:	not applicable

9.2. Other information: Not applicable.

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity:

The product is poorly reactive: it can react with acids, oxidisers and peroxides.

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10.2. Chemical stability:

The product is stable under normal conditions of use and storage.

10.3. Possibility of hazardous reactions:

No data available.

10.4. Conditions to avoid:

Avoid extreme temperatures, open flames, excessive heating.

10.5. Incompatible materials:

No data available.

10.6. Hazardous decomposition products:

No data available.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

- a) **acute toxicity;** No data on the product itself.
- b) **irritation;** No data on the product itself.
- c) **corrosion;** No data on the product itself.
- d) **sensitisation;** No data on the product itself.
- e) **repeated dose toxicity;** No data on the product itself.
- f) **carcinogenicity;** No data on the product itself.
- g) **mutagenicity;** No data on the product itself.
- h) **toxicity for reproduction;** No data on the product itself.

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SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity:

The product is not hazardous to the environment.

12.2. Persistence and degradability:

Easily biodegradable mixture.

12.3. Bioaccumulative potential:

No data.

12.4. Mobility in soil:

No data.

12.5. Results of PBT and vPvB assessment:

No data.

12.6. Other adverse effects:

No data.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods:

In a domestic environment pour small amounts of the product into the sewerage, simultaneously diluting with a large amount of water. In the case of greater amount it is recommended that the waste is collected and submitted to a unit organising treatment of packaging waste.

Packaging: Empty the packaging completely, do not remove the label.

SECTION 14. TRANSPORT INFORMATION

14.1. UN number: Not applicable.

14.2. UN proper shipping name: Not applicable.

14.3. Transport hazard class(es): Not applicable.

14.4. Packing group: Not applicable.

14.5. Environmental hazards: The product is not hazardous to the environment.

14.6. Special precautions for user: No data available.

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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

Not applicable.

SECTION 15. REGULATORY INFORMATION

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

- Act of 11 January 2001 on Chemical Substances and Preparations (Polish Journal of Laws No. 11, item 84, as amended).
- Regulation of the Minister of Health of 2 September 2003 on criteria and methods of classification of chemical substances and preparations (Polish Journal of Laws No. 171, item 1666; of 2004 Polish Journal of Laws No. 243, item 2440 and Polish Journal of Laws of 2007 No. 174, item 1222, as amended).
- Regulation of the Minister of Health of 5 March 2009 on labelling of hazardous substances and hazardous preparations and some chemical preparations (Polish Journal of Laws No. 53, item 439).
- Regulation of the Minister of Labour and Social Policy of 29 November 2002 on the maximum permissible concentration and intensity of harmful factors in the work environment (Polish Journal of Laws No. 217, item 1833; of 2005 Polish Journal of Laws No. 212, item 1769).
- Act of 11 May 2001 on waste (Polish Journal of Laws No. 62, item 628, as amended).
- Regulation of the Minister of Environment of 27 September 2001 on waste catalogue (Polish Journal of Laws No. 112, item 1206).
- Act of 11 May 2001 on packaging and packaging waste (Polish Journal of Laws No. 63, item 638, as amended).
- 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

15.2. Chemical safety assessment

No safety assessment has been carried out for the mixture.

SECTION 16. OTHER INFORMATION

List of H statements presented in Sections 2 and 3 of the safety data sheet and their full wording. None

The information provided in this safety data sheet is based on the current state of our knowledge, experience and the regulations currently in force.

This safety data sheet is not a product quality certificate. The data provided in the Sheet should be regarded only as an aid to the safe handling in distribution, use, transport and storage.

The product user shall be liable on the account of any misuse of the information provided in this sheet or misuse of the product.