SAFETY DATA SHEET

HUMIC PRODUCT HYDROHUMATE /

synonym: Hydrohumus - Płynny Produkt Humusowy, Optymalny Nawóz dla Wszystkich Rodzajów Roślin

According to Regulation (EU) No 2015/830

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 **Product name**	**HUMIC PRODUCT HYDROHUMATE**
1.1.1 **Synonyms / marketplace name**	**Hydrohumus - Płynny Produkt Humusowy, Optymalny Nawóz dla Wszystkich Rodzajów Roślin**
1.2 **Trademark**	**1OORGANIC**
1.3 **Relevant identified uses of the substance or mixture and uses advised against**	Liquid fertilizer for different plants
1.4 **Details of the supplier of the safety data sheet** **Manufacturer:**	Future Development Systems Limited Rm.1801, Easey Comm. Bldg., 253-261 Hennessy Road, Wanchai, Hong Kong. www.fedeso.com, info@fedeso.com
Factory:	Hall Chemical LLC Republic of Belarus, 225413 Baranovichi, Slonimskoe shosse st., 29A. hollchemical@mail.ru
1.5 **Emergency telephone number**	Future Development Systems Limited telephone +8615520481450 In case of emergency call: 112 (Europe). Working time: 24/7/365 (366).

Future Development Systems Limited

SAFETY DATA SHEET

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SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture	
Classification (EC 1272/2008)	
Physical and Chemical Hazards	Not classified
Human health	Not classified
Environment	Not classified
2.2. Label elements	
Label In Accordance With (EC) No. 1272/2008	Not Classified. No pictogram is required
Precautionary statement:	1 Keep out of reach of children 2 Wash hands thoroughly after handling. 3 Wear protective gloves 4 IF ON SKIN: Wash with plenty of soap and water. 5 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 6 Should be stored in undamaged hermetically sealed original packaging in dry closed rooms, separately from food, medicines and feed.
2.3. Other hazards	Not known

Future Development Systems Limited

SAFETY DATA SHEET

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Mixtures

This product does not contain any substance which may be considered hazardous to the health and environment, according to the current legislation (Regulation (EU) No 2015/830 and 1272/2008). Nor does it contain any substances with a recognised exposure limit.

Composition:

Mass fraction of humic substances per mass fraction of organic substances – not less than 60%;

Mass fraction of organic matter – not less than 7.0%;

Highly concentrated preparation produced from peat;

Includes activated humic and fulvic acids, carboxylic and phenolcarboxylic acids, amino acids, centines, pectins, adaptogen, anti-stress preparation.

Future Development Systems Limited

SAFETY DATA SHEET

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SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Wash your nose and mouth with plenty of water. Remove to fresh air. Get medical attention if any discomfort continues.

Ingestion

Rinse mouth thoroughly with water. Get medical attention if any discomfort continues. If a large amount is swallowed, get medical attention if any discomfort continues.

Skin contact

Wash with soap and water. Get medical attention if any discomfort continues.

Eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse. Continue to rinse get medical attention.

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

No data available

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

Treat Symptomatically

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SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media	
Extinguishing media:	**The HUMIC PRODUCT HYDROHUMATE (Hydrohumus - Płynny Produkt Humusowy, Optymalny Nawóz dla Wszystkich Rodzajów Roślin)** is not a combustible substance under normal conditions, therefore, the extinguishing media and extinguishing method should be selected based on the local environment at the fire site.
Unsuitable fire extinguishers:	No data available
5.2 Special hazards arising from the substance or mixture	No data available
5.3 Advice for firefighters	Use conventional fire extinguishing methods, not forgetting the danger that may come from other materials
5.4 Additional information	No data available

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SAFETY DATA SHEET

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures	Keep away from the fire zone. Keep ot windward. Victims must me provided with the first aid. Send people from the impact site for medical examination.
6.2 Environmental precautions	The method of application of the **HUMIC PRODUCT HYDROHUMATE (Hydrohumus - Płynny Produkt Humusowy, Optymalny Nawóz dla Wszystkich Rodzajów Roślin)** and its non-toxicity eliminates the risk and the need to control soil and water pollution. When transported, the possible negative impact on human health and the environment should be excluded.
6.3 Reference to other sections	See Section 1.5 for emergency contact information. Se Section 8 for personal protective equipment. See Sections 7 and 10 for possible preparation restrictions. See Section 13 for disposal considerations.
6.4 Other information	None

Future Development Systems Limited

SAFETY DATA SHEET

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SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling	
Measures to prevent fire as well as aerosol and dust generation:	No special measures required
Hygiene measures:	Wash your hands before breaks and after working with the substance. Avoid contact with skin and eyes.
7.2 Conditions for safe storage, including any incompatibilities	In original, closed packaging, in a cool, covered, frost-free, dry place, protected from sunlight. Keep out of reach of children. Keep away from food, feedstuffs and other consumables.
7.3 Specific end use(s)	Except for the use described in Section 1.3, there are no other use cases.

Future Development Systems Limited

SAFETY DATA SHEET

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	Contains no ingredients with workplace exposure limits
8.2 Exposure controls	Handle in accordance with good industrial hygiene and safety practice and wash hands before and after use. Do not eat, drink or smoke when using it
8.4 Environmental exposure controls	No data available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Dark brown to black
Smell	Characteristic
Odor threshold	No data available
pH-merit	9,1
Melting point / range	No data available
Boiling point	100°C
Flash point	Not applicable
Flammability (solid, gas)	Nonflammable liquid
Solubility	Soluble in water
Evaporation rate	No data available
Density and/or relative density	1,07 - 1,085
Decomposition temperature	No data available
Viscosity	No data available
Oxidative properties	No data available
Parameters of solid particles	Not applicable

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SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	This product does not show any special reactive hazard
10.2 Chemical stability	Stable under normal temperature conditions and recommended use. Stable under the prescribed storage conditions
10.3 Possibility of hazardous reactions	No data available
10.4 Conditions to avoid	No data available
10.5 Incompatible materials	No data available
10.6 Hazardous decomposition products	No data available

SECTION 11: TOXICOLOGICAL INFORMATION

- **Acute toxicity**	- Low-risk substance
- **Skin corrosion/irritation**	- Not classified
- **Severe eye damage/irritation**	- Not classified
- **Respiratory or skin sensitization**	- Specific data not available
- **CMR properties assessment summary**	- Not classified as germ cell mutagen, carcinogen or toxin for reproduction
- **Specific selective toxicity that affects individual target organs at single exposure**	- Not classified
- **Aspiration risk**	- Not classified
- **Possible ways of exposure**	- Specific data not available
- **Symptoms related to physical, chemical and toxicological characteristics**	- Specific data not available

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HUMIC PRODUCT HYDROHUMATE /
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SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Based on available data the classification criteria are not met
12.2 Persistence and degradability	No data available
12.3 Bioaccumulative potential	No data available
12.4 Mobility in soil	No data available
12.5 Results of PBT and vPvB assessment:	This product does not contain any PBT or vPvB substances
12.6 Other adverse effects	No data available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Waste is not dangerous. Waste should be disposed of in accordance with the EC Waste Directive 2008/98/EC, as well as other national and local regulations. In most cases, small amounts of the product in highly diluted form can be flushed down the drain.

Future Development Systems Limited

SAFETY DATA SHEET

HUMIC PRODUCT HYDROHUMATE /

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According to Regulation (EU) No 2015/830

SECTION 14: TRANSPORT INFORMATION

14.1 UN number	Not classified
14.2 UN proper shipping name	Not classified
14.3 Transport hazard class(es)	Not classified
14.4 Packing group	Not classified
14.5 Environmental hazards	None
14.6 Special precautions for user	None
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable

SECTION 15: REGULATORY INFORMATION

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

There is no restriction according to REACH. Does not include REACH on the substance marked list.
1. 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.
2. Regulation (EC) No. 1907/2006 of 2006 of the European Parliament
and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94, as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

Future Development Systems Limited

SAFETY DATA SHEET

HUMIC PRODUCT HYDROHUMATE /

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SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture treatment methods:	3. Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives. 4. The Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR). United Nations, New York and Geneva, 2023. 5. Annex II Regulations for the Control of Pollution by Noxious Liquid Substances in Bulk. 6. Hygienic Standard "Maximum permissible concentrations of harmful substances in the air of the operating zone" approved by the Resolution of the Ministry of Health of the Republic of Belarus No. 92 of 11.10.2017. 7. Hygienic Standard "Indicators of safety and harmlessness of producing microorganisms, microbial preparations and their components, harmful substances in the air of the working area and on the skin of workers", approved by Resolution of the Council of Ministers of the Republic of Belarus No. 37 of 25.01.2021.
15.2 Chemical safety assessment	No chemical safety assessment has been performed for the product

Future Development Systems Limited

SAFETY DATA SHEET

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SECTION 16: OTHER INFORMATION

16.1 Abbreviations in the data sheet:	UN number – Substance identification number GHS – Globally Harmonized System of Classification and Labeling of Chemicals developed by United Nations CAS – Chemical Abstracts Service (Service maintaining the most complete list of chemicals) PBT – Persistent, bioaccumulative and toxic REACH – Registration, Evaluation, Authorisation and Restrictions of Chemicals vPvB – Very persistent and very bioaccumulative

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Revision Comments
This is first issue.

Issued Note

The information is apply for only this specific product and meets the enterprise specification.

This data sheet should only be used and reproduced for prevention and safety purposes. References to laws, regulations and practical rules and documents are not complete.

It is the responsibility of the person receiving the product to review all official documents related to the use and handling of the product. It is also the responsibility of the product operators to pass on all information contained in this safety data sheet and necessary for the safety of work, health and the environment to all subsequent persons who comes into contact with the product in any way (use, storage, cleaning of containers, other procedures).

This SDS is prepared by:
Future Development Systems Limited, Hong Kong.

For and on behalf of
Future Development Systems Limited

Director **Pavel Gerasimovich**

Authorized Signature