Organic and organo-mineral fertilizer (not an agrochemical) based on liquid peat-sapropel (lowland peat and sapropel from relict lakes) aerosol injected into natural mineral porous crushed granules of the type (zeolite, diatomite, glauconite, bentonite, etc.)

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

1.1 Product identifier: Organic and organo-mineral fertilizer (**not an agrochemical**) based on liquid peat-sapropel.
Available in two forms: 1. Aerosol-injected into natural porous crushed mineral granules of the client's choice (zeolite, diatomite, glauconite, bentonite, or similar minerals, used individually).
2. Mixed form, blended in proportions according to specifications.

Other means of identification: Not relevant

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

Relevant uses: Organic and organo-mineral fertilizer for agriculture and green spaces during landscaping, a means for the restoration (reclamation) of soils depleted by chemical fertilizers, a means for the conservation of landfills and lands contaminated with waste, and landfills, a means for the disinfection of waste from poultry farms and pig farms, feed additives for livestock, a means for maintaining water and acid-base balance, a means for disinfection in the form of fillers for animal toilets and cesspools (neutral effect - in some modifications it can even be used as a feed additive for livestock).

Uses advised against: All uses not specified in this section or in section 7.3

1.3 Details of the supplier of the safety data sheet:

Limited Liability Company "SAPROFERTEKS" (LLC "SAPROFERTEKS")
125363, Moscow, internal territorial unit of the southern Tushino municipal district, Stroitelny Proezd, house 5A, building 3, room 9/1.
info@saproferteks.com, Office: 8 (495) 797 0905, +7 (960) 747 1020, +7 (958) 643 4248, website: https://saproferteks.com

1.4 Emergency telephone number: National Poison Centers:
Austria: +43 1 406 4343
Belgium: +32 070 245 045
Bulgaria: +359 2 9154 233
Croatia: +385 1 234 8342
Czech Republic: +420 224 919 293
Denmark: +45 82 12 12 12
Estonia: +372 626 93 90
Finland: +358 09 471 977
France: + 33 (0) 1 45 42 59 59
Hungary: +36 80 20 11 99
Iceland: +354 543 2222
Ireland: + 353 (0) 1809 2566
Latvia: +371670 42473
Lithuania: +370 5 236 20 52
Malta: +356 2545 0000
Netherlands: +31 (0) 30 274 8888
Norway: +47 22 59 13 00
Portugal: +351 213 303 271
Romania: +40 021 318 3606
Slovakia: +421 2 5477 4166
Spain: + 34 91562 04 20
Sweden: +46 08 331231
UK: +44 0151922 9235

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

CLP Regulation (EC) No 1272/2008:

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Met. Corr. 1: Corrosive to metals, Category 1, H290
Skin Corr. 1B: Skin corrosion, Category 1B, H314

2.2 Label elements:

CLP Regulation (EC) No 1272/2008:

Danger

- CONTINUED ON NEXT PAGE -

Organic and organo-mineral fertilizer (not an agrochemical) based on liquid peat-sapropel (lowland peat and sapropel from relict lakes) aerosol injected into natural mineral porous crushed granules of the type (zeolite, diatomite, glauconite, bentonite, etc.)

SECTION 2: HAZARDS IDENTIFICATION (continued)

Hazard statements:

Precautionary statements:

P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P264: Wash thoroughly after handling.
P280: Wear protective gloves/face protection/protective clothing/protective footwear.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501: Dispose of contents/container according to the separated collection system used in your municipality.

Substances that contribute to the classification

KOH (CAS: 1310-58-3)

2.3 Other hazards:

Product does not meet PBT/vPvB criteria
Endocrine-disrupting properties: The product does not meet the criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixture:

Chemical description: Mixture of substances

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

Identification	Chemical name/Classification	Concentration
CAS: 68989-22-0 Not reagent	Zeolite is a natural structured mineral, in the form of an adsorbent (filler) of sedimentary or rock formations according to the characteristics, per batch of goods (or at the Customer's request with the addition of the same natural structured minerals Diatomite, Bentonite and Glauconite at 5-10% of the total volume) - NOT HAZARDOUS - NATURAL ORIGIN.	**88 %**
CAS: Non-applicable	Water enriched by saturation with atomic oxygen and ozone, and recirculation through mineral stones (quartz, etc.)	**6,84 %**
CAS: Non-applicable	Lowland peat	**3 %**
CAS: Non-applicable	Lake sapropel (ecologically clean relict lakes)	**1,8 %**
CAS: 1310-58-3	Potassium hydroxide Acute Tox. 4: H302; Met. Corr. 1: H290; Skin Corr. 1A: H314 - Danger	**0,3 %**
CAS: 1310-73-2	Sodium hydroxide Eye Dam. 1: H318; Met. Corr. 1: H290; Skin Corr. 1A: H314 - Danger	**0,06 %**

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

Other information:

- CONTINUED ON NEXT PAGE -

Organic and organo-mineral fertilizer (not an agrochemical) based on liquid peat-sapropel (lowland peat and sapropel from relict lakes) aerosol injected into natural mineral porous crushed granules of the type (zeolite, diatomite, glauconite, bentonite, etc.)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Identification	Specific concentration limit
Zeolite (Glauconite, Diatomite, Bentonite) – Natural Non-Reagent Minerals CAS: 68989-22-0 NON-HAZARDOUS CHEMICALLY NEUTRAL	Weight Percentage >=90: Skin Corr. NO 2<= Weight Percentage <5: Skin Corr. NO 0.5<= Weight Percentage <2: Skin Irrit. NO Weight Percentage >=0.5: Eye Irrit. NO
Potassium hydroxide CAS: 1310-58-3	Percent by weight >=5: Skin Corr. 1A - H314 2<= Percent by weight <5: Skin Corr. 1B - H314 0.5<= Percent by weight <2: Skin Irrit. 2 - H315 Percent by weight >=0.5: Eye Irrit. 2 - H319
Sodium hydroxide CAS: 1310-73-2	Percent by weight >=0.1: Met. Corr. 1 - H290 Percent by weight >=5: Skin Corr. 1A - H314 2<= Percent by weight <5: Skin Corr. 1B - H314 0.5<= Percent by weight <2: Skin Irrit. 2 - H315 Percent by weight >=0.5: Eye Irrit. 2 - H319

3.2 Substance:

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

Request medical assistance immediately, showing the SDS of this product.

By inhalation:

This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burn or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Request immediate medical assistance, showing the SDS of this product. Do not induce vomiting, because its expulsion from the stomach can be hazardous to the mucus of the main digestive tract, and also risk damage to the respiratory system through inhalation. Rinse out the mouth and throat, as they may have been affected during ingestion. In the case of loss of consciousness do not administer anything orally unless supervised by a doctor. Keep the person affected at rest.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Not relevant

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

- CONTINUED ON NEXT PAGE -

SECTION 5: FIREFIGHTING MEASURES (continued)

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

Non-applicable

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and ground water.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used. KEEP ONLY IN ORIGINAL PACKAGING.

B.- Technical recommendations for the prevention of fires and explosions

Product is non-flammable under normal conditions of storage, handling and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

- CONTINUED ON NEXT PAGE -

SECTION 7: HANDLING AND STORAGE (continued)

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

7.2 Conditions for safe storage, including any incompatibilities:

A.- Specific storage requirements

Store in a cool, dry, well-ventilated location

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

There are no applicable occupational exposure limits for the substances contained in the product

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
KOH	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 1310-58-3	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
EC: 215-181-3	Inhalation	Not relevant	Not relevant	Not relevant	1 mg/m³
NaOH	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 1310-73-2	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
EC: 215-185-5	Inhalation	Not relevant	Not relevant	Not relevant	1 mg/m³

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
KOH	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 1310-58-3	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
EC: 215-181-3	Inhalation	Not relevant	Not relevant	Not relevant	1 mg/m³
NaOH	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 1310-73-2	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
EC: 215-185-5	Inhalation	Not relevant	Not relevant	Not relevant	1 mg/m³

PNEC:

Not relevant

8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labor risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands

- CONTINUED ON NEXT PAGE -

Organic and organo-mineral fertilizer (not an agrochemical) based on liquid peat-sapropel (lowland peat and sapropel from relict lakes) aerosol injected into natural mineral porous crushed granules of the type (zeolite, diatomite, glauconite, bentonite, etc.)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory hand protection	Chemical protective gloves (Material: Linear low-density polyethylene (LLDPE), Breakthrough time: > 480 min, Thickness: 0.062 mm)	CE CAT III	EN ISO 21420:2020	Replace the gloves at any sign of deterioration.

D.- Eye and face protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory face protection	Face shield	CE CAT II	EN 166:2002 EN 167:2002 EN 168:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer´s instructions. Use if there is a risk of splashing.

E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory complete body protection	Disposable clothing for protection against chemical risks	CE CAT III	EN 13034:2005+A1:2009 EN 168:2002 EN ISO 13982-1:2004/A1:2010 EN ISO 6529:2013 EN ISO 6530:2005 EN 464:1994	For professional use only. Clean periodically according to the manufacturer´s instructions.
 Mandatory foot protection	Safety footwear for protection against chemical risk	CE CAT III	EN ISO 20345:2011 EN 13832-1:2019	Replace boots at any sign of deterioration.

F.- Additional emergency measures

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply):	0 % weight
V.O.C. density at 20 ºC:	0 kg/m³ (0 g/L)
Average carbon number:	Not relevant
Average molecular weight:	Not relevant

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 20 ºC:	Loose granulated mixture
Appearance:	Opaque substance
Color:	Light gray with a brownish-yellow tint

*Not relevant due to the nature of the product, not providing information property of its hazards.

- CONTINUED ON NEXT PAGE -

Organic and organo-mineral fertilizer (not an agrochemical) based on liquid peat-sapropel (lowland peat and sapropel from relict lakes) aerosol injected into natural mineral porous crushed granules of the type (zeolite, diatomite, glauconite, bentonite, etc.)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Odor:	Light organic almost neutral
Odor threshold:	Not relevant *
Volatility:	
Boiling point at atmospheric pressure:	Not relevant *
Vapor pressure at 20 ºC:	Not relevant *
Vapor pressure at 50 ºC:	Not relevant *
Evaporation rate at 20 ºC:	Not relevant *
Product description:	
Density at 20 ºC:	0,9-1,0 kg/m³
Relative density at 20 ºC:	0,95
Dynamic viscosity at 20 ºC:	Not relevant *
Kinematic viscosity at 20 ºC:	Not relevant *
Kinematic viscosity at 40 ºC:	Not relevant *
Concentration:	Not relevant *
pH:	Not relevant *
Vapor density at 20 ºC:	Not relevant *
Partition coefficient n-octanol/water 20 ºC:	Not relevant *
Solubility in water at 20 ºC:	Not relevant *
Solubility properties:	Not relevant *
Decomposition temperature:	Not relevant *
Melting point/freezing point:	Not relevant *
Flammability:	
Flash Point:	Non Flammable
Flammability (solid, gas):	Not relevant *
Autoignition temperature:	Not relevant *
Lower flammability limit:	Not relevant *
Upper flammability limit:	Not relevant *
Particle characteristics:	
Median equivalent diameter:	Non-applicable

9.2 Other information:

Information with regard to physical hazard classes:	
Explosive properties:	Not relevant *
Oxidizing properties:	Not relevant *
Corrosive to metals:	H290 May be corrosive to metals.
Heat of combustion:	Not relevant *
Aerosols-total percentage (by mass) of flammable components:	Not relevant *
Other safety characteristics:	
Surface tension at 20 ºC:	Not relevant *
Refraction index:	Not relevant *

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

- CONTINUED ON NEXT PAGE -

Organic fertilizer (agrochemical) peat sapropel "NeroOriginal" Organic and organo-mineral fertilizer (not an agrochemical) based on liquid peat-sapropel (lowland peat and sapropel from relict lakes) aerosol injected into natural mineral porous crushed granules of the type (zeolite, diatomite, glauconite, bentonite, etc.)

SECTION 10: STABILITY AND REACTIVITY (continued)

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidizing materials	Combustible materials	Others
Avoid strong acids	Not applicable	Precaution	Not applicable	Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO_2), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:
The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:
In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):
- Острая токсичность: продукция не классифицирована как опасная при пероральном поступлении с острыми, необратимыми или хроническими последствиями. Тем не менее, продукция содержит вещества, классифицированные как опасные при пероральном поступлении. Дополнительная информация находится в разделе 3.
- Коррозионность/Раздражение: Едкое вещество, при проглатывании вызывает ожоги, уничтожая ткани по всей толщине. Более подробная информация о побочных эффектах, возникающих при попадании на кожу, содержится в разделе 2. (нейтральный эффект- в некоторых модификациях даже может применяться как кормовая добавка для скота).

B- Inhalation (acute effect):
- Острая токсичность: продукция не классифицирована как опасная при вдыхании с острыми, необратимыми или хроническими последствиями и не содержит веществ, классифицированных как опасные и обладающие ингаляционной токсичностью. Дополнительная информация находится в разделе 3.
- Коррозионность/Раздражение: При длительном вдыхании продукт оказывает разрушительное воздействие на ткани слизистых оболочек и верхних дыхательных путей. (нейтральный эффект- в некоторых модификациях даже может применяться как кормовая добавка для скота).

C- Contact with the skin and the eyes (acute effect):
- При попадании на кожу: При попадании на кожу разрушает кожный покров по всей толщине, вызывая образование ожогов. Более подробная информация о побочных эффектах, возникающих при попадании на кожу, содержится в разделе 2. (нейтральный эффект- в некоторых модификациях даже может применяться как кормовая добавка для скота)
- При попадании в глаза: При попадании в глаза вызывает серьезные повреждения. (нейтральный эффект- в некоторых модификациях даже может применяться как кормовая добавка для скота)

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
- Канцерогенность: продукция не классифицирована как опасная с канцерогенным, мутагенным действием или репродуктивной токсичностью и не содержит веществ, классифицированных как опасные и имеющие вышеописанные последствия. Дополнительная информация находится в разделе 3.
IARC: Не применяется
- Мутагенность: Продукция не классифицирована как опасная по данному свойству, т. к. не содержит веществ, классифицированных как опасные по данному свойству. Дополнительную информацию см. в разделе 3.
- Токсичность для репродуктивной системы: Продукция не классифицирована как опасная по данному свойству, т. к. не содержит веществ, классифицированных как опасные по данному свойству. Дополнительную информацию см. в разделе 3. (нейтральный эффект- в некоторых модификациях даже может применяться как кормовая добавка для скота)

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitizing effects. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Aspiration hazard:

Продукция не классифицирована как опасная по данному свойству, т. к. не содержит веществ, классифицированных как опасные по данному свойству. Дополнительную информацию см. в разделе 3. (нейтральный эффект- в некоторых модификациях даже может применяться как кормовая добавка для скота)

Other information:

Not relevant

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
KOH	LD50 oral	388 mg/kg (ATEi)	Rat
CAS: 1310-58-3	LD50 dermal		
EC: 215-181-3	LC50 inhalation		

11.2 Information on other hazards:

Endocrine disrupting properties

Endocrine-disrupting properties: The product does not meet the criteria.

Other information

Not relevant

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

12.1 Toxicity:

Acute toxicity:

Identification	Concentration		Species	Genus
Sodium hydroxide	LC50	189 mg/L (48 h)	Leuciscus idus	Fish
CAS: 1310-73-2	EC50	33 mg/L	Crangon crangon	Crustacean
(Доза менее 0,05% (нейтральный эффект- в некоторых модификациях даже может применяться как кормовая добавка для скота)	EC50	Not relevant		Neutral

12.2 Persistence and degradability:

Not available

12.3 Bioaccumulative potential:

Not available

12.4 Mobility in soil:

Not available

12.5 Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

- CONTINUED ON NEXT PAGE -

Organic and organo-mineral fertilizer (not an agrochemical) based on liquid peat-sapropel (lowland peat and sapropel from relict lakes) aerosol injected into natural mineral porous crushed granules of the type (zeolite, diatomite, glauconite, bentonite, etc.)

SECTION 12: ECOLOGICAL INFORMATION (continued)

Endocrine-disrupting properties: The product does not meet the criteria.

12.7 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
06 10 02*	wastes containing hazardous substances	Hazardous

Type of waste (Regulation (EU) No 1357/2014):

HP4 Irritant — skin irritation and eye damage

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2. (neutral effect - in some modifications it can even be used as a feed additive for livestock).

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:

With regard to ADR 2023 and RID 2023:

14.1	**UN number or ID number:**	UN1760
14.2	**UN proper shipping name:**	CORROSIVE LIQUID, N.O.S. (KOH) it doesn't matter less than 0.3%
14.3	**Transport hazard class(es):**	8
	Labels:	8
14.4	**Packing group:**	II
14.5	**Environmental hazards:**	No
14.6	**Special precautions for user**	
	Special regulations:	274
	Tunnel restriction code:	E
	Physico-Chemical properties:	see section 9
	Limited quantities:	1 L
14.7	**Maritime transport in bulk according to IMO instruments:**	Not relevant

Transport of dangerous goods by sea:

With regard to IMDG 41-22:

- CONTINUED ON NEXT PAGE -

Organic and organo-mineral fertilizer (not an agrochemical) based on liquid peat-sapropel (lowland peat and sapropel from relict lakes) aerosol injected into natural mineral porous crushed granules of the type (zeolite, diatomite, glauconite, bentonite, etc.)

SECTION 14: TRANSPORT INFORMATION (continued)

14.1	**UN number or ID number:**	UN1760
14.2	**UN proper shipping name:**	CORROSIVE LIQUID, N.O.S. (KOH) it doesn't matter less than 0.3%
14.3	**Transport hazard class(es):**	8
	Labels:	8
14.4	**Packing group:**	II
14.5	**Marine pollutant:**	No
14.6	**Special precautions for user**	
	Special regulations:	274
	EmS Codes:	F-A, S-B
	Physico-Chemical properties:	see section 9
	Limited quantities:	1 L
	Segregation group:	Not relevant
14.7	**Maritime transport in bulk according to IMO instruments:**	Not relevant

Transport of dangerous goods by air:

With regard to IATA/ICAO 2024:

14.1	**UN number or ID number:**	UN1760
14.2	**UN proper shipping name:**	CORROSIVE LIQUID, N.O.S. (KOH) it doesn't matter less than 0.3%
14.3	**Transport hazard class(es):**	8
	Labels:	8
14.4	**Packing group:**	II
14.5	**Environmental hazards:**	No
14.6	**Special precautions for user**	
	Physico-Chemical properties:	see section 9
14.7	**Maritime transport in bulk according to IMO instruments:**	Not relevant

SECTION 15: REGULATORY INFORMATION

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

- Article 95, REGULATION (EU) No 528/2012: Not relevant
- Candidate substances for authorization under the Regulation (EC) No 1907/2006 (REACH): Not relevant
- Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Not relevant
- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant
- Substances included in Annex XIV of REACH ("Authorization List") and sunset date: Not relevant

Seveso III:

Not relevant

Limitations to commercialization and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):

Shall not be used in:
—ornamental articles intended to produce light or color effects by means of different phases, for example in ornamental lamps and ashtrays,
—tricks and jokes,
—games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

Regulation (EU) 2019/1009 of the European Parliament and of the Council of 5 June 2019 laying down rules on the making

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Organic and organo-mineral fertilizer (not an agrochemical) based on liquid peat-sapropel (lowland peat and sapropel from relict lakes) aerosol injected into natural mineral porous crushed granules of the type (zeolite, diatomite, glauconite, bentonite, etc.)

SECTION 15: REGULATORY INFORMATION (continued)

available on the market of EU fertilizing products.

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks:

Not relevant

Texts of the legislative phrases mentioned in section 2:

H290: May be corrosive to metals.
H314: Causes severe skin burns and eye damage.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

Acute Tox. 4: H302 - Harmful if swallowed.
Eye Dam. 1: H318 - Causes serious eye damage.
Met. Corr. 1: H290 - May be corrosive to metals.
Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.

Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

http://echa.europa.eu
http://eur-lex.europa.eu

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road
IMDG: International maritime dangerous goods code
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
COD: Chemical Oxygen Demand
BOD5: 5day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
LogPOW: Octanol water partition coefficient
Koc: Partition coefficient of organic carbon
UFI: unique formula identifier
IARC: International Agency for Research on Cancer

The Chief Executive Officer /CEO/ Stivenson R

- END OF SAFETY DATA SHEET -