

SAFETY DATA SHEET

According to Regulation (EC) no. 1907/2006 (REACH)/ Regulation (EC) no. 1272/2008/Regulation (EC) no. 830/2015.

SECTION 1: Identification of the substance/mixture and the company/enterprise

1.1. Product identifier

Name of the preparation: " **BIO GEKKA - L** "

1.2. Relevant identified uses of the substance or mixture and uses AGAINST

Relevant identified uses

Field: agriculture as a fertilizer/biostimulant

Type of use: Product with foliar or root application

Prohibited uses: NA

1.3. Details of the supplier of the safety data sheet

Identification of the manufacturer/distributor and its address:

SC EXPLOCOM GK SRL

Address: RO 537165 Lupeni, Principala Street no 571.

Work point: RO535400 Cristuru-Secuiesc Town, Filias Street102/D.

Fiscal code no.: RO3495818; Trade Register No: J19/1211/1992;

Tel./Fax: +40744644940 (in case of emergency)

Email: office@retorte.ro

Web: <http://www.retorte.ro>

1.4. Phone number that can be called in case of emergency

National Institute of Public Health

Telephone: +40-213183606, available between 8.00 and 16.00, RSI and Toxicological Information Office within INSP, Str. Dr. Leonte, no. 1-3, Sect 5, Bucharest, Romania

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.

2.2. Elements for the label :

2.3. Pictogram:



CORROZIVE



ATTENTION

Hazard phrases:

H302 - Harmful if swallowed
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H317 - May cause an allergic skin reaction

Precautionary statements:

P102: Keep out of reach of children.
P103: Read the label before use.
P270: Do not eat, drink or smoke while using the product.
P501: Dispose of contents/container according to local/national regulations.

2.4. Other hazards

Under normal conditions of use and in its original form, the product itself does not pose any other risk to health and the environment.

SECTION 3: Composition / information on the components

4.1. Composition:

A complex combination of organic compounds, obtained by the thermal decomposition of wood.

4.2. Mixtures

No. crt.	Name of substance	% (w/w)	CAS Registry Number	EC/List no.	Classification 1272/2008/ES
1	Wood, hydrolyzed	> 90	94114-43-9	302-678-6	It is not classified

SECTION 4: First aid measures

4.1. Description of first aid measures

If exposure has occurred, do not wait for symptoms to develop, immediately start the procedures described below.

Inhalation:

Very low risk due to low vapor pressure.

In case of inhalation of the product, remove the victim to fresh air. If symptoms appear, call the health emergency service.

Skin contact:

Immediately remove contaminated clothing and footwear. Wash the skin with plenty of soap and water. If symptoms appear, call the medical service.

Eye contact:

Wash immediately with plenty of clean water for 5-10 minutes, removing the lashes from top to bottom. Advisable to consult with ophthalmologist;

Ingestion:

Drink large amounts of fluids, emetics, gastric lavage and consult a doctor.

Never offer anything by mouth to an unconscious person.

Symptomatic treatment is used under medical supervision.

In the case of simultaneous use of phytosanitary products: respect the first aid measures, safety and work protection measures and specifics.

4.2. The most important symptoms and effects, both acute and delayed

Symptoms and effects after exposure: eye, skin, throat irritation. If the symptoms persist, contact the doctor.

4.3. Indications regarding any kind of immediate medical assistance and the necessary special treatments

The type of treatment and its duration will be decided by the doctor depending on the symptoms presented by the patient.

SECTION 5: Firefighting measures

The product is not flammable.

5.1. Fire extinguishers

In case of fire: extinguishing measures will be taken depending on its nature and the materials stored in the immediate vicinity.

Specific fire extinguishing procedures: Extinguishing equipment to be appropriate to the environment in which the fire occurred and its nature will be used.

5.2. Special hazards caused by the substance or mixture in question

The main decomposition products are carbon oxides.

5.3. Recommendations for firefighters

In case of fire : extinguishing measures will be taken depending on its nature and the materials stored in the immediate vicinity. Access to the area will be done only with appropriate protective equipment.

SECTION 6: Measures to be taken in case of accidental dispersion

6.1. Personal precautions, protective equipment and emergency procedures

To wear appropriate protective equipment; see section 8.

6.2. Precautions for the environment

The penetration of the solution directly (undiluted) into water sources will be avoided.

In case of accidental losses, the area is decontaminated by washing with water, this resulting in the dilution of the product at the level of normal administration doses, without having a negative impact on the environment.

The penetration of the solution directly (undiluted) into water sources will be avoided.

In case of accidental leakages, the contaminated area should be decontaminated in accordance with the instructions of local authorities, environmental protection bodies or by contacting the manufacturer.

6.3. Methods and material for fire isolation and cleaning

In case of accidental leakages, the area is decontaminated by washing with water, this resulting in the dilution of the product to the level of normal administration doses. Accidentally spilled product can be absorbed using sand, earth or other absorbent materials. The absorbed product is stored in labeled containers - "Waste"

Respect the possible material restrictions (see section 7 and 10).

6.4. Referrals to other sections

9

See sections 7, 8, 10 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

The indications on the label will be respected.

The product is stable under normal storage conditions. Protect against extreme temperatures. The product is kept in the original, tightly sealed packaging.

Do not eat, drink or smoke in the storage or work areas.

Avoid contact with skin and eyes.

Wash hands after handling or use.

During handling and use, avoid direct contact with the skin, respiratory tract and eyes using individual protective equipment.

In case of fire: extinguishing measures will be taken depending on its nature and the materials stored in the immediate vicinity. Access to the area will be done only with appropriate protective equipment.

Fire extinguishing means appropriate to the environment in which the fire occurred and its nature will be used.

7.2. Storage conditions under security conditions, including possible incompatibilities

The product is stored in closed, dry, ventilated spaces, at temperatures between -5 and 25°C.

It will be stored away from incompatible substances (alkaline metals, metal powders, concentrated sulfuric acid or oleum, oxidizing substances), sources of fire, sources of drinking water, food and feed.

The product is packed in containers for chemical products, made of plastic material (high density polyethylene) with a capacity of 0.2L - 1L - 5L - 20L - 1000L with a self-sealing cap / lid, the seal of which is irreparably destroyed after the first opening.

In contact with: alkaline metals, metal powders, oxidizing substances and concentrated sulfuric acid or oleum can generate violent reactions with danger of explosion.

7.3. Specific end use (specific end uses)

With the exception of the uses mentioned in section 1.2. no other specific uses are provided.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

It does not contain substances with professional exposure limit values.

No effect level (DNEL):

Recommended values for inhalable particles: TLV/TWA: 10mg/m³.

8.2. Exposure controls

Protective equipment is used as a preventive measure for personnel handling and/or performing treatments with this product.

In the case of simultaneous administration with phytosanitary products, the security, exposure and work protection measures specific to them will be respected.

Technical measures: Ensure adequate ventilation to keep exposures below occupational limits. See section 7.1.

Individual protective measures:

Respiratory protection: respiratory protective equipment must be used if local exhaust ventilation is not adequate.

Hand protection: wear suitable gloves.

Eye/face protection: wear safety glasses

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Appearance: liquid -Colour: brown -Smell: specific, beech smoke aroma -pH solution: 3.7-4.2
- melting range: Not applicable
- initial boiling point and boiling range: Undetermined.
- flash point: Not applicable.
- evaporation rate: Undetermined;
- flammability (solid, gas): Not applicable
- lower explosion limit in air: Not applicable
- vapor pressure: Undetermined
- vapor density: Undetermined
- relative density: 1.01-1.03 kg/dm³
- solubility(s): Miscible with water.
- partition coefficient: n-octanol/water: Undetermined.
- decomposition temperature: Undetermined.
- viscosity: Undetermined.
- explosive properties: Not applicable
- oxidizing properties: Undetermined

9.2. Other information: It does not exist at the moment. ' '

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is not dangerous under normal conditions of handling, storage and use, according to the manufacturer's recommendations.

Avoid extreme temperatures, sources of heat or fire.

In contact with: alkaline metals, metal powders, oxidizing substances and concentrated sulfuric acid or oleum can generate violent reactions with danger of explosion.

10.2. Chemical stability

The product is chemically stable under normal conditions of storage, handling, transport and use.

The product is not flammable.

10.3. Possibility of dangerous reactions

In contact with: alkaline metals, metal powders, oxidizing substances and concentrated sulfuric acid or oleum can generate violent reactions with danger of explosion.

10.4. Conditions to avoid

In contact with: alkaline metals, metal powders, oxidizing substances and concentrated sulfuric acid or oleum can generate violent reactions with danger of explosion.

10.5. Incompatible materials

In contact with: alkaline metals, metal powders, concentrated oxidants and acid sulfuric substances or oleum can generate violent reactions with danger of explosion.

Dangerous decomposition products

Decomposition products (at temperatures): carbon oxides.

11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

The product is not dangerous under normal conditions of handling, storage and use;

to avoid: inhalation, ingestion and contact with skin, mucous membranes and eyes.

Apart from the irritating action, no other effects are known.

Section 12: ECOLOGICAL INFORMATION

The product is not toxic to the environment. The product is biodegradable.

By using the product in accordance with the technologies and instructions for use, it is not polluting and does not present risks from an ecotoxicological point of view on soil and aquatic organisms.
There are no environmental impact problems if the product is handled and used with care, according to the manufacturer's instructions.

Aquatic toxicity: Not toxic. The substance is mixable with water. No adverse ecological effects are known.
Terrestrial toxicity: Not toxic to soil.

Section 13: CONDITIONS REGARDING DISPOSAL:

The preparation being a fertilizer is used only for the purpose authorized for use.

The packaging is collected and disposed of in compliance with the legislation in force regarding the waste regime:

- According to the Waste Framework Directive (2008/98/EC),
- Law 211/2011 on the waste regime
- HG128 / 2002 regarding waste incineration
- HG 856/2002 regarding the record of waste management and for the approval of the list including waste, including hazardous waste
 - Law 249/2015 regarding the management of packaging and packaging waste.

Section 14: TRANSPORTATION INFORMATION:

In accordance with ADR provisions and UN recommendations regarding the transport of dangerous goods, as well as Directive 2008/68/EC of the European Parliament and the Council of September 24, 2008 regarding the internal transport of dangerous goods, the "LIQUID" product does not fall under the ADR and RID regulations regarding the transport of dangerous goods.

No restrictions are imposed on the transport of the product.

Section 15: REGULATORY INFORMATION:

- Directive no. 67/548/EEC on the approximation of laws, regulations and administrative provisions regarding the classification, packaging and labeling of dangerous substances. - Regulation (EC) no. 1907/2006 of the European Parliament and of the Council of December 18, 2006 regarding the registration, evaluation, authorization and restriction of chemical substances, with subsequent amendments.
- Regulation CE 1272/2008 on the classification, labeling and packaging of dangerous substances and mixtures
- Regulation no. 830/2015 amending Regulation (EC) no. 1907/2006 of the European Parliament and of the Council regarding the registration, evaluation, authorization and restriction of chemical substances (REACH);
- ORDER No. 6/22 of January 6, 2004 for the approval of the Regulation on the organization and functioning of the Interministerial Commission for the authorization of fertilizers in order to be entered in the list of authorized fertilizers, with the mention RO-INGRAȘAMANT, for use and marketing in Romania Interministerial Order 94 of April 19, 2010 for the modification and completion of order no. 6/22/2004.

S.C. EXPLOCOM GK S.R.L.

VAT No.: RO3495818

Trade Register No:

J19/1211/1992

Safety Data Sheet

BIO GEKKA – L

Date of Revision

Edition no: 1,

rev.0/01.03.2019

-Special regulations regarding restrictions on the marketing and use of the preparation: Not existing.

A chemical safety assessment has not been carried out.

Section 16: OTHER INFORMATION:

Although the information and recommendations presented in this sheet were made in good faith and correctly, the manufacturer believes that they can be completed in time, by accumulating new technical data.

These data cannot be considered as a guarantee of compatibility and use of the product for particular applications.

The manufacturer is not responsible for leakages of any kind resulting from the fact that this information was not used.

Technical point of contact: see Section 1.3

Contact person: Kovacs Geza

Tel./Fax in case of emergency: +40744644940

Email: office@retorte.ro

Intocmit,

SC EXPLOCOM GK SRL

08.04.2019

*Administrator,
Kovacs Geza,*