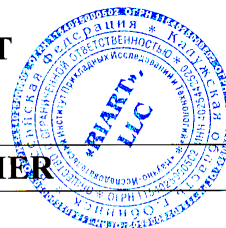


MATERIAL SAFETY DATA SHEET



1. SUBSTANCE IDENTIFICATION AND SUPPLIER

Product Identification: Fertilizers liquid organic "Georost"
Fertilizers liquid humic "Georost plus"

Product Name "Georost"
"Georost Plus" universal. brand BIAR 4;
"Georost Plus" for row crops;
"Georost Plus" for cereals and leguminous crops

Chemical Characteristic: Ultrasonic water extract from low peat, humidity 89 - 95%.

Supplier: «RIART», LLC
Russian Federation, Kaluga region, Obninsk, Pyatkinsky
proezd, 12

Telephone/Fax: 8 (484) 395-91-09

Emergency Phone # 8 (484) 395-91-09

2. COMPOSITION

Components (name)	mass share, %	№ CAS
Ultrasonic extract from low peat	5-11	-
Water	up to 100	7732-18-5

3. HAZARD IDENTIFICATION

Under normal conditions of use and handling, this product is not expected to create any health or safety hazards.

GHS Classification

Has a mild irritant effect on the skin;

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Causes irritation of the mucous membranes of the eyes;

GHS Label Elements

None

Under normal conditions of use and handling, this product is not expected to create any health or safety hazards.

Skin contact: Prolonged exposure: can cause redness, dryness.
Eye contact: Tearing, redness.
Inhalation: Possible headache, sore throat, cough, violation of the rhythm of breathing.
Ingestion: Possible nausea, vomiting.

4. FIRST AID MEASURES

Skin contact: Wash affected area with water.
Eye contact: Wash opened eye with water. If necessary, seek medical advice.
Inhalation: Remove to fresh air.
Ingestion: Drinking water, activated charcoal. If necessary - to ask for medical care.

5. FIRE FIGHTING MEASURES

Flash Point	N/D	NFPA Hazard Rating (0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe):	
Autoignition Temperature	N/D	Health:	1 = Slight
		Fire:	0 = Minimal

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		Reactivity:	1 = Slight
		Special:	N/D

Fire and Explosion Hazards	Non-flammable liquid
Extinguishing Media	Fight fire on the main source of ignition. Water spray, air and mechanical and chemical foam, dry sand.
Special Firefighting Procedures	In the case of respirable fumes, use self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Precautions if Material is Spilled or Released	Equip cleanup crews with proper protective equipment (as specified in Section 8) and advise of hazards. Collect as much as possible in a clean container for preferable reuse or disposal. Do not allow material to escape into drains or waterways.
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7. HANDLING AND STORAGE

Handling, Storage and Decontamination Procedures	<p>Wash thoroughly after using this product.</p> <p>Do not eat, drink, smoke or apply cosmetics while handling this product. Avoid breathing dust or particles generated by this product. Use in a well-ventilated location.</p> <p>Remove contaminated clothing after being in contact with the product.</p> <p>Employees who handle this material should be trained to handle it safely.</p> <p>Open containers slowly on a stable surface.</p>
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Containers of this product must be properly labeled.

Empty containers may contain residual amounts of this product, therefore, empty containers should be handled with care. Store containers in a dry location. Store away from incompatible materials.

Keep container tightly closed when not in use. Inspect all incoming containers before storage to ensure containers are properly labeled and not damaged. Control of content of harmful substances in the environment. Analysis of industrial waste water.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Where possible, use adequate ventilation to keep vapor and mist concentrations of this material below the Occupational Exposure Limits. Electrical equipment should comply with National Electrical Code (NEC) standards.

Respiratory

Where there is potential for exposure to gas in excess of the permissible exposure limit, a NIOSH/MSHA-approved supplied-air respirator operated in positive pressure mode should be worn.

If gas is not present in excess of permissible exposure limits, a NIOSH/MSHA-approved air-purifying respirator with an organic vapor cartridge may be permissible under certain circumstances where airborne concentrations of hydrocarbon vapor may exceed the exposure limits. Where work conditions may generate airborne mists of the material, also use a high-efficiency particulate pre-filter. Consult a health and safety professional for guidance in respirator selection. Respirator use should comply with OSHA 29 CFR 910.134.

CAUTION: The protection provided by air-purifying

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respirators is limited. Use a positive pressure air-supplied respirator if there is any potential for an uncontrolled release, if exposure levels are not known, or if concentrations exceed the protection limits of the air-purifying respirator.

Eyes

Eye protection should be worn. If there is potential for splashing or spraying, chemical protective goggles and/or a face shield should be worn. If contact lenses are worn, consult an eye specialist or a safety professional for additional precautions. Suitable eye wash water should be available in case of eye contact with this material.

Skin

Avoid all skin contact with this material. If conditions of use present any potential for skin contact, clean and impervious clothing such as gloves, apron, boots, and facial protection should be worn. Neoprene, Nitrile, Butyl Rubber or Viton glove material is recommended.

When working around equipment or processes which may create the potential for skin contact, full body coverage should be worn, which consist of impervious boots and oilresistant coated Tyvek suit or other impervious jacket and pants.

Other Hygienic and Work Practices

Use good personal hygiene practices. If skin contact should occur, material should be removed from the skin with a waterless hand cleaner, and the affected area should then be washed with a mild soap and water. Wash hands and other exposed areas thoroughly before eating, drinking, smoking or using toilet facilities.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: N/D
Viscosity Units, Temp. N/D

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Dry Point:	N/D
Freezing Point:	N/D
Vapor Pressure, Temp.	N/D
Volatile Characteristics:	N/D
Solubility in Water:	Soluble

10. STABILITY AND REACTIVITY

Stability	Stable
Hazardous Polymerization	None.
Other Chemical Reactivity	Strong acids and alkalis
Conditions to Avoid	Avoid direct sunlight and heat production, precipitation;.
Materials to Avoid	Other chemicals
Hazardous or Decomposition Products	None.

11. TOXICOLOGICAL INFORMATION

Mutagenicity, Embryotoxicity and Teratogenicity	N/D.
Reproductive Toxicity	N/D.
Sensitization Information	N/D.
Animal Toxicity	N/D

12. ECOLOGICAL INFORMATION

Biodegradation: No data available

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Eco-toxicity: N/D

13. DISPOSAL CONSIDERATIONS

Disposal The waste product from the place of the accident collect in a sealed container, use for other purposes, if necessary. Consult federal, state and local waste regulations to determine appropriate waste characterization of material and allowable disposal methods.

14. TRANSPORT INFORMATION

Department of Transportation

Classification

Identification number None
Proper shipping name Fertilizers liquid organic "Georost"
Fertilizers liquid humic "Georost plus":
"Georost Plus" universal. brand BIAR 4;
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Class / Division None

Emergency Response Guide N/D

IMDG

Identification number None

Class / Division None

Packing group None

IATA (Country variations may apply)

Identification number None

Class / Division None

Subsidiary class/Division None

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Packing group	None
ICAO: International Civil Aviation Organisation	
Identification number	None
ueukClass / Division	None
Packing group	None
Proper shipping name	Fertilizers liquid organicic "Georost"; Fertilizers liquid humic "Georost plus"; "Georost Plus" universal. brand BIAR 4; "Georost Plus" for row crops; "Georost Plus" for cereals and leguminous crops

15. REGULATORY INFORMATION

TSCA Inventory Status:	All components are listed on the TSCA list.
SARA Title III Section 302 Extreme Hazardous Substance List:	Not listed
Section 311/312 Hazard Classification:	
Immediate (acute):	No
Delayed (chronic):	No
Fire:	No
Sudden Release of Pressure:	No
Reactive:	No
Section 313 Toxic Chemicals:	Not listed
RCRA Hazardous Waste:	Not listed

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Company OOO «NII PliT» shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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