

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and its amendment Regulation (EC) 2015/830

SCS NANO

bio solution line

Issue: 1.1/07.12.2021

Version 1.1

Date of issue: 07.12.2021

BIOLOGICAL FERTILIZER

SCS NANO - bio solution line

Page 1 of 5

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

1.1 Product identifiers

Trade name	SCS NANO - bio solution line
Other names	BIOLOGICAL FERTILIZER

1.2 Recommended and non-recommended uses of the mixture

Uses:	Biological fertiliser - soil improver
Non-recommended uses:	Not known <i>Note: It is recommended that uses be limited to those listed in Section 16.</i>

1.3. Supplier's details on the safety data sheet

Global Agro Solution Bulgaria OOD,
UIC 205825763,
Sofia, residential area Sveta Troitsa, bul. Nikolay Stoletov, 11 Б
tel. GSM 0889067677; 0884739774

e-mail: office@globalagrosolution.com

1.4. Phone in case of emergency:

Toxicology Clinic of Multi-profile Active Treatment & Emergency University Hospital "N. I.Pirogov"
tel. (+359 02) 9154 409 / without Saturday and Sunday /
tel. (+359 02) 9154 346 / continuous service /

National number: 112

SECTION 2: DESCRIPTION OF HAZARDS

2.1. Classification of the substance or mixture

2.1.1. Classification according to Directive (EC) No1272/2008 (CLP)

The product is not classified as dangerous

2.2. Label elements

Store in closed containers.

Keep away from children.

Do not inhale vapours.

Avoid contact with skin.

To avoid risks to human health and the environment, follow instructions for use.

Contains:

Colloidal silver

Chitosan

Labelling according to Directive 1999/45(EC) (DPD)

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Symbols and danger signs	From a health point of view, biological fertilisers are harmless products when handled correctly.
Risk phrases (R-phrases)	Not applicable
2.3. Other hazards	This mixture does not contain substances that are persistent, bioaccumulative and toxic (PBT). <small>Page 2 of 5</small>
SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS	
3.1. Substances - according to REACH this product is a mixture	
3.2. Mixtures	Colloidal silver 0,01 % Chitosan - CAS No: 9012-76-4 – 0,5 %
SECTION 4: FIRST AID MEASURES	
4.1 Description of first aid measures	
General information	In some cases qualified medical attention is required. Please give the doctor this safety information sheet. Never give anything by mouth to an unconscious or convulsing person.
In case of eye contact:	Flush with plenty of water for several minutes with eyelids open. Remove contact lenses if available and continue flushing. Seek medical attention if irritation continues.
In case of skin contact:	Remove contaminated clothing and shoes immediately. Wash affected body parts with soap and plenty of water. Seek medical attention if irritation continues.
If swallowed:	Do not induce vomiting! Rinse the injured person's mouth with plenty of water and if conscious give him plenty of water or milk to drink. Seek medical attention.
Measures to protect first aiders:	Take all reasonable action to protect own health. Put on personal protective equipment before entering the incident area. If possible, give first aid to the injured after getting them out of the danger zone.
4.2 Most significant acute symptoms and effects occurring after a period of time	
Acute reactions	Not known
Delayed reactions	Not known
4.3 Indication of the need for any emergency medical care and special treatment	
None	
5. FIRE PRECAUTIONS	
The product belongs to the group of non-combustible materials and is fire and explosion safe.	
Suitable extinguishing media	Depending on the materials stored near the fire. Water mist, foam, carbon dioxide, dry chemical dust. Water jet
Unsuitable extinguishing media	
Particular risks	Fumes may cause coughing.

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Special protective equipment	Do not stand in hazardous area without appropriate protective clothing and respiratory protective equipment (respirator, filtering gas mask - universal)
* Other information	Use a water curtain to minimize the risk. Create maximum ventilation.

Page 3 of 5

6. MEASURES IN CASE OF INCIDENTAL (EMERGENCY) RELEASE

*Any spillage must be cleaned up by mechanical collection followed by washing with water

* Avoid contamination of water pipes and drains, inform the relevant authorities in case of accidental contamination of water pipes.

7. USE AND STORAGE

7.1 WARNINGS FOR SAFE HANDLING

To observe ordinary precautions when handling chemicals

7.2 STORAGE

Store only in the original containers, at temperatures below 20 °C. Avoid temperature jumps.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Personal protective equipment	specific to the workplace, rubber boots, rubber apron, rubber gloves, work clothing.
Respiratory protection	No specific recommendations
Eye protection	No specific recommendations
Hand protection	Rubber gloves recommended
Industrial hygiene	Change contaminated clothing. Wash your face and hands after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid/solution

Colour: Orange to brown

Odour: Characteristic odour

pH value (10 ml./L): 5-7

Melting/freezing point - does not freeze

Thermal destruction: Over 200° C

Evaporation rate - not determined

Flammability - not flammable

Specific gravity at 20°C - 1.100g/ml

Autoignition temperature - not determined

Viscosity - not determined

Explosive characteristics - not explosive

10. STABILITY/REACTIVITY

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Stability	Liquid is stable
Conditions to be avoided	Direct sunlight for prolonged periods, temperature above 100°C
Substances to be avoided	Acids, alkali and oxidising agents
Hazardous decomposition products :	In case of fire see Section 5
Hazardous reactions	Not known

11. TOXICOLOGICAL INFORMATION

To be used in accordance with the manufacturer's recommendations . After prolonged contact, skin and eye irritation is possible. Small amounts are unlikely to cause toxic effect.

Oral LD50 (Rat): Not available

Dermal LD50 (Rat): Not available

Eye Contact (Rabbit)): Not available

Page 4 of 5

12. ENVIRONMENTAL INFORMATION

To be used in accordance with the manufacturer's recommendations .

13. WASTE DISPOSAL PROVISIONS

13.1 Waste treatment methods

Product/Packaging Disposal - Use pressure washing devices or triple water rinsing to reduce any product residue in the container to negligible levels. Do not dispose of product or containers in lakes, rivers or ditches. Do not reuse containers for other purposes.

Waste resulting from the use of the product must be disposed of on site or at an approved waste disposal facility.

Waste must not be disposed of into the sewer.

14. TRANSPORT INFORMATION

Ground transport

The product is not classified as hazardous under international transport regulations (ADR/RID, IMDG or ICAO/IATA).

Care should be taken during transportation not to damage the integrity of the packaging and to observe storage conditions. Do not transport with food products and incompatible materials.

In case of spillage on the roadway, wash the spillage site with plenty of water.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental legislation specific to the substance or mixture:

Regulations: EC 1907/2006 (REACH), EC 2003/2003; EC 1272/2008 (CLP); EC 453/2010 Directives: 67/548/EIO, 1999/45/EO

16. OTHER INFORMATION



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The above information is based on our knowledge of the product and reflects the data available to us at the time of issuing this version of the information sheet. This document may be considered as a guide to the safe handling of the product by a suitably trained person using this product and does not in any way bind the supplier to any warranty of particular properties, qualities or uses. If the product is mixed with other materials, or processed or ~~transformed~~ in any way, the data given for it in this safety data sheet do not apply to the new material obtained by any of the above methods, unless this is explicitly stated in the document. Global Agro Solution Bulgaria OOD makes no warranties whatsoever as to the merchantability of the product or its fitness for a particular purpose. Global Agro Solution Bulgaria OOD does not bear any responsibility for damages caused by the use of the product or the basis of the presented information, data and recommendations about it. Users are obliged to investigate and determine for themselves the suitability of the information and product for their particular purposes and to comply with applicable laws.