Safety data sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: Product name — **NanoPhos_GA_020920-036**
SurfaPore T

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

Intended use — **stain protection and waterproofing for marble**

1.3. Details of the supplier of the information sheet

Name and surname — **NANOPHOS SA**
Full address District — **Technological and Cultural Park**
and country — **19 500 Lavrio (Greece)**
Greece
Phone +30 22920 69312
Fax +30 22920 69303

email address of the competent person

responsible for the information sheet — **iarabatz@NanoPhos.com**
Supplier: **Ioannis Arabatzis**

1.4. Emergency telephone number

For urgent requests, contact — **+30 210 7793777**

SECTION 2. Hazard identification

2.1. Classification of the substance or mixture

The product is not classified as hazardous in accordance with the provisions of Regulation (EC) No 1272/2008 (CLP) (and subsequent amendments and supplements).

Hazard classification and indication: --

2.2. Label elements

Hazard pictograms: --

Signal words: --

Hazard phrases: --

Precautionary statements:

P501 Dispose of contents or container in accordance with local/national/international regulations.

P102 Keep out of reach of children.

P101 If medical advice is needed, have the container or

product label. The product is not intended for uses covered by Directive 2004/42/EC.

2.3. Other hazards

Based on the available data, the product does not contain PBT or vPvB in a percentage greater than 0.1%. The product does not contain substances with

endocrine disrupting properties in concentration greater than 0.1%.

SECTION 3. Composition/information on ingredients

3.2. Mixtures

The product does not contain substances classified as hazardous to human health or the environment in accordance with the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and supplements) in quantities requiring declaration.

SECTION 4. First aid measures

4.1. Description of first aid measures

No effects are expected that require the application of special first aid measures. The following information represents practical guidance on the correct behavior in case of contact with a chemical product, even if it is not dangerous.
If in doubt or if symptoms are present, contact a doctor and show him/her this document. In case of more severe
symptoms, seek medical help immediately.

Rescuer's protection

It is good practice for rescuers providing support to a person who has been exposed to a chemical substance or mixture to wear personal protective equipment.
The nature of this protection depends on the hazard level of the substance or mixture, the type of exposure and the degree of contamination. In the absence of other more specific indications, the use of disposable gloves is recommended in case of possible contact with body fluids. For the type of PPE appropriate to the characteristics of the substance or mixture, see section 8.

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

No specific information is known regarding symptoms and effects caused by the product.

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

If symptoms occur, acute or delayed, consult a doctor.

Means available at the workplace for specific and immediate treatment Running water

for washing skin and eyes.

SECTION 5. Firefighting measures

5.1. Extinguishing media

ADEQUATE FIRE EXTINGUISHING EQUIPMENT
Extinguishing equipment should be of the conventional type: carbon dioxide, foam, powder and water spray. INADEQUATE EXTINGUISHING EQUIPMENT

None in particular.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do
not breathe combustion products.

5.3. Advice for firefighters

GENERAL INFORMATION
Use water jets to cool containers to prevent product decomposition and the release of substances potentially hazardous to health. Always wear full fire-fighting equipment. Collect extinguishing water to prevent it from flowing into the sewer system. Dispose of contaminated extinguishing water and fire debris in accordance with applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS
Normal firefighting clothing, namely firefighter's kit (BS EN 469), gloves (BS EN 659) and boots (HO specifications A29 and A30) in combination with a self-contained open-circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use breathing equipment if vapors or dusts are released into the air. This advice applies to both processing personnel and those involved in emergency procedures.

6.2. Environmental precautions

The product must not enter the sewage system or come into contact with surface or underground water.

6.3. Methods and materials for containment and cleaning up

Contain using earth or inert material. Collect as much material as possible and remove the remainder using water jets. Contaminated material should be disposed of in accordance with the provisions set out in section 13.

6.4. Reference to other sections

Any information on personal protection and disposal is provided in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Before handling the product, consult all other sections of this Material Safety Data Sheet. Avoid release to the environment. Do not eat, drink or smoke during use.

7.2. Conditions for safe storage, including any incompatibilities

Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s)

Information is not available.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Information is not available.

8.2. Exposure control

Follow the safety precautions commonly applied when handling chemicals.

HAND PROTECTION
It is not necessary.

SKIN PROTECTION
It is not necessary.

EYE PROTECTION
It is not necessary.

RESPIRATORY PROTECTION
Not required unless otherwise indicated in the chemical risk assessment.

ENVIRONMENTAL EXPOSURE CONTROL
Emissions generated by manufacturing processes, including those generated by ventilation equipment, must be verified to ensure compliance with environmental standards.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

property	Liquid	**Information**
appearance	**value**	
Color	yellow	
Smell	imperceptible	
Melting point/freezing point	not available	
Initial boiling point	not available	
FLASH	is not available	
Lower explosive limit	is not available	
Upper explosion limit	is not available	
Flash point	> 60 °C	
Autoignition temperature	is not available	
Decomposition temperature	is not available	
pH	6-7	
Kinematic viscosity	is not available	
Dynamic viscosity	2 mPa.s	
Solubility	is not available	
Partition coefficient: n-octanol/water	not available	

Vapor pressure	is not available
Density and/or relative density	1.00±0.05 kg/L kg/l
Relative vapor density	is not available
Particle characteristics	does not apply

9.2. Other information

9.2.1. Information on physical hazard classes

Information is not available.

9.2.2. Other safety features

VOCs (Directive 2010/75/EU)	1.60% -	16.00	g/liter

SECTION 10. Stability and reactivity

10.1. Reactivity

There are no special risks of reaction with other substances under normal conditions of use.

10.2. Chemical stability

The product is stable under normal conditions of use and storage.

10.3. Possibility of hazardous reactions

No hazardous reactions are expected under normal conditions of use and storage.

10.4. Conditions to avoid

None in particular. However, the usual precautions used for chemical products should be observed.

10.5. Incompatible materials

Information is not available.

10.6. Hazardous decomposition products

Information is not available.

SECTION 11. Toxicological information

According to currently available data, this product has not yet caused any harm to health. However, it should be handled in accordance with good industrial practice.

11.1. Information on hazard classes as defined in Regulation (EC) No. 1272/2008

Metabolism, toxicokinetics, mechanism of action and other information

Information is not available.

Information on likely routes of exposure Information

are not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure Information

unavailable

Interactive effects

Information unavailable

ACUTE TOXICITY

ATE (Inhalation) of the mixture:	Not classified (no significant component)
ATE (oral) of the mixture:	Not classified (no significant components)
ATE (Dermal) of the mixture:	Not classified (no component)

significant) SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE/IRRITATION

Does not meet the classification criteria for this hazard class

RESPIRATORY OR SKIN SENSITIZATION

Does not meet the classification criteria for this hazard class

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

carcinogen

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

11.2. Information on other hazards

Based on available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with effects on human health under evaluation.

SECTION 12. Ecological information

Use this product in accordance with good working practices. Avoid littering. Inform the authorities if the product reaches water courses or contaminates soil or vegetation.

12.1. Toxicity

Information is not available.

12.2. Persistence and degradability

Information is not available.

12.3. Bioaccumulative potential

Information is not available.

12.4. Mobility in soil

Information is not available.

12.5. Results of PBT and vPvB assessment

Based on available data, the product does not contain PBT or vPvB in percentages greater than 0.1%.

12.6. Endocrine Disrupting Properties

Based on available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

12.7. Other adverse effects

Information is not available.

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Reuse, when possible. Clean product residues should be considered non-hazardous special waste.
Disposal must be carried out through a licensed waste management company, in accordance with national and local regulations. CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in accordance with national waste management regulations.

SECTION 14. Transport information

The product is not dangerous according to the current provisions of the International Road Transport Code (ADR) and Rail Transport Code (RID), the International Maritime Dangerous Goods Code (IMDG) and the regulations of the International Air Transport Association (IATA).

14.1. UN number or identification number

does not apply

14.2. UN proper shipping name

does not apply

14.3. Transport hazard class(es)

does not apply

14.4. Packing group

does not apply

14.5. Environmental risks

does not apply

14.6. Special precautions for the user

does not apply

14.7. Bulk maritime transport in accordance with IMO instruments

Information that is not relevant

SECTION 15. Regulatory Information

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

Seveso Category - Directive 2012/18/EU: None

Restrictions relating to the product or the substances contained in accordance with Annex XVII to Regulation (EC) No 1907/2006 None

Regulation (EU) 2019/1148 - on the marketing and use of drug precursors

explosives do not apply

Substances on the Candidate List (Art. 59 REACH)

Based on the available data, the product does not contain any SVHC in percentages higher than 0.1%. Substances subject to authorisation (annex XIV REACH)

None

Substances subject to export reporting under Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Controls in the field

Health Information is not

available

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out for the preparation/substances indicated in section 3.

SECTION 16. Other information

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstracts Service Number
- EC50: Effective concentration (necessary to induce a 50% effect)
- CE: Identifier in ESIS (European Archive of Existing Substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Service
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulations
- IC50: 50% immobilization concentration
- IMDG: International Maritime Dangerous Goods Code

- IMO: International Maritime Organization - INDEX:
Identifier in Annex VI to CLP - LC50: Lethal
Concentration 50% - LD50: Lethal Dose
50% - OEL: Occupational
Exposure Level - PBT: Persistent, Bioaccumulative
and Toxic - PEC: Predicted Environmental
Concentration - PEL: Predicted Exposure Level - PMT:
Persistent, Mobile and Toxic - PNEC: Predicted
No Effect Concentration - REACH:
Regulation (EC) 1907/2006 - RID: Regulation concerning
the International Carriage of Dangerous Goods by
Rail - TLV: Threshold Limit Value - TLV CEILING: Concentration not to be exceeded during occupational
exposure.

- TWA: Time-weighted average exposure limit - TWA
STEL: Short-term exposure limit - VOC: Volatile
organic compounds - vPvB:
Very persistent and very bioaccumulative - vPvM:
Very persistent and very mobile - WGK:
Water hazard classes (German).

GENERAL BIBLIOGRAPHY

1. Regulation (EC) No 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) No 1272/2008 (CLP) of the European Parliament 3.
Regulation (EU) 2020/878 (Annex II to the REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament 5.
Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament 6.
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13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (EU) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148 18.
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19. Delegated Regulation (EU) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (EU) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (EU) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (EU) 2022/692 (XVIII Atp. CLP)
23. Delegated Regulation (EU) 2023/707
24. Delegated Regulation (EU) 2023/1434 (XIX Atp. CLP)
24. Delegated Regulation (EU) 2023/1435 (XX Atp. CLP)
- Merck Index. - 10th Edition -
Chemical Safety Handling - INRS
- Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology - NI
Sax - Dangerous properties of Industrial Materials-7, 1989 Edition - IFA GESTIS website -
ECHA website - Database
of SDS templates
for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

Note to users: The
information contained in this sheet is based on our own knowledge at the date of the last version. Users must verify the suitability and completeness of the information provided for each specific use of the product.
This document cannot be considered a guarantee for any specific property of the product.
The use of this product is not under our direct control; therefore, users must, at their own risk, comply with applicable health and safety laws and regulations. The manufacturer is exempt from any liability arising from improper use.
Provide designated personnel with adequate training on how to use chemicals.

CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: The classification of the product is derived from the criteria set out in the CLP Regulation, Annex I, Part 2. Data for the evaluation of physicochemical properties are reported in section 9.

Health hazards: The classification of the product is based on the calculation methods in accordance with Annex I to CLP, Part 3, unless otherwise stated in section 11. Environmental hazards: The classification of the product is based on the calculation methods in accordance with Annex I to CLP, Part 4, unless otherwise stated in section 12.

Changes since the previous revision:

The following sections have been modified: 04 / 07 / 09 / 11.