

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product name NanoSuit® Solution I (For small organisms / individuals / living tissues)

Company name NanoSuit Co.,Ltd.

Address c/o Hamamatsu University School of Medicine
1-20-1 Handayama, Higashi-ku, Hamamatsu, Shizuoka
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Department in charge Quality Assurance Department

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Mail Address nanosuit1@nanosuit.jp

Recommended use of the product Electron microscope observation

2. HAZARDS IDENTIFICATION

GHS Classification

Physicochemical hazards No classification as hazardous

Toxicological health effects Classification not possible

Toxicological environment effects Classification not possible

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance or Mixture Mixture

Common chemical name or general name NanoSuit solution I for electron microscope observation

Composition and content

Material name	Content(%)	Notice through official file number	Notice through official file number	CASNo.
Water	98.75%			7732-18-5
Surfactants	0.99%			Nondisclosure
Inorganic salts	< 0.01%			Nondisclosure
Organic salts	< 0.01%			Nondisclosure
Sugars	< 0.25%			Nondisclosure

4. FIRST AID MEASURES

Inhalation Supply fresh air ; consult doctor in case of complaints.

Skin contact	Take off contaminated clothing and rinse skin with soap and water.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.
Ingestion	Rinse mouth. If symptoms persist, get medical advice/attention.

5. FIRE-FIGHTING MEASURES

Extinguishing media	Dry chemicals extinguisher, Carbon dioxide, Water, Sand
Protection for firefighters	Fire extinguishing work should be done from the windward. Fighters should wear protective clothing and respirator.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Provide adequate ventilation.
Protective equipment and emergency procedures	Wear protect clothes.
Neutralization containment and cleaning up	Soak up with inert material (dry sand, earth, etc.) and collect in container.
Preventive measures for secondary accident	Collect spills.

7. HANDLING AND STORAGE

Handling

Technical measures	Carefully consider contact with the human body. To prevent contact, wear protective equipment such as eye protection and gloves. Avoid contact. In the case of contact, remove as much as possible.
Precautions	Provide local exhaust ventilation.
Precautions for safe handling	Keep the handling area tidy and clean.

Storage

Storage conditions	Store frozen at -10°C or below.
Safe packaging materials	Store in the container used for this product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Equipment measures	Provide eye wash and hand wash facilities near the handling area.
Protective equipment	Wear protective equipment, such as dust mask, protective glasses, protective clothing, protective gloves

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	clear liquid
color	Colorless and transparent
Odor	Slight peculiar odor
pH	6.0~8.0
Melting point/freezing point	No further relevant information available
Boiling point, initial boiling point and boiling range	No further relevant information available
Flash point	No further relevant information available
Ignition point	No further relevant information available
Upper/lower flammability or explosive limits	No further relevant information available
Vapor pressure	No further relevant information available
Vapor density	No further relevant information available
Solubility(ies)	No further relevant information available
Partition coefficient (n-octanol/water)	No further relevant information available
Decomposition temperature	No further relevant information available
Solubility in water	Soluble

10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions of storage and transport.
Incompatible materials	Nothing special
Conditions to avoid	Not applicable under normal use.
Hazardous decomposition products	No special consideration is required.
Possibility of hazardous reactions	No special consideration is required.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects	
Acute toxicity	No data
Topical effect	No data
Skin sensitization	No data
Original generative cell variation	No data
Carcinogenicity	No data
Teratogenicity	No data
Reproduction toxicity	No data
Specification target internal organs	No data
Absorption respiratory organs toxicity	No data

1 2 . ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic environmental toxicity	No data
Persistence and degradability	No data
Bioaccumulative potential	No data
Mobility in soil	No data
Hazardous to the ozone layer	No data

1 3 . DISPOSAL CONSIDERATIONS

Waste disposal method Disposal should be in accordance with applicable regional, national and local laws and regulations.

1 4 . TRANSPORT INFORMATION

Domestic restriction (International restriction) Not applicable
UN number Not applicable

1 5 . REGULATORY INFORMATION

Not applicable

Regulatory information with regard to this preparation in your country or region should be examined by your own responsibility.

1 6 . OTHER INFORMATION

This information only concerns the above-mentioned product and does not need to be valid if used with others or in any process. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.