

Material Safety Datasheet (MSDS)

Updated: 08/28/2025

Version 2.2

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Applied Biological Materials Inc.

1-3671 Viking Way,

Richmond, BC, CANADA

V6V 2J5

Section 1 – Product and Company Information


Product Name	NanOut™ 1000X
Catalog # From Manufacturer	G7002
Original Manufacturer	Applied Biological Materials Inc.
Company	Applied Biological Materials Inc.
Address	#1-3671 Viking Way Richmond BC V6V 2J5 CA
Technical Phone	604-247-2416
Fax	604-247-2414
Emergency Phone	866-757-2414

Section 2 – Composition/Information on Ingredient

Other Components	Proprietary mixture of antibiotics.
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Section 3 – Hazards Identification

OSHA Hazards	Harmful by ingestion. Irritant.
Other Hazards which do not Result in Classification	Photosensitizer
Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP] and GHS	<ul style="list-style-type: none"> • Acute toxicity, Oral (Category 4) • Skin irritation (Category 2) • Eye irritation (Category 2) • Specific target organ toxicity - single exposure (Category 3)

Classification according to EU Directives 67/548/EEC or 1999/45/EC	<ul style="list-style-type: none"> • Irritating to eyes, respiratory system and skin. • Harmful if swallowed.
Labeling according Regulation (EC) No 1272/2008 [CLP] and GHS	<p>Pictogram </p> <p>Signal word Warning</p> <p>Hazard statement</p> <ul style="list-style-type: none"> • H302 Harmful if swallowed. • H315 Causes skin irritation. • H319 Causes serious eye irritation. • H335 May cause respiratory irritation. <p>Precautionary statement(s)</p> <ul style="list-style-type: none"> • P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. • P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Section 4 – First Aid Measures

General Advice	Consult a physician. Show this material safety data sheet to the doctor in attendance.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin Contact	Wash off with soap and plenty of water. Consult a physician.
Inhalation	If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 5 – Fire Fighting Measures

Suitable Extinguishing Media	Water spray, carbon dioxide, dry chemical powder or appropriate foam.
Specific Hazards	No data available.
Special Firefighting Procedures	Wear self-contained breathing apparatus for fire fighting if necessary.

Section 6 – Accidental Release Measures

Personal Precautions	Use personal protective equipment as required. Ensure adequate ventilation. Avoid dust formation.
Methods for Cleaning Up	Sweep up and place in closed containers for disposal. Dispose contaminated material as waste according to section 13. Ventilate area and wash spill site after material clean-up is complete.

Section 7 – Handling and Storage

Handling	Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
Storage	Store at 4°C or -20°C.

Section 8 – Exposure Controls/ PPE

Engineering Controls	<ul style="list-style-type: none">A system of local and/or general exhaust is recommended to keep employee exposures low. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source.
Personal Protective Equipment	<ul style="list-style-type: none">Eye Protection: Safety glasses.Skin and Body Protection: Wear appropriate protective gloves and clothing to prevent skin exposure.Respiratory Protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
General Hygiene Measures	<ul style="list-style-type: none">Handle in accordance with good industrial hygiene and safety practice.

Section 9 – Physical and Chemical Properties

Appearance	Liquid
Odour	No data available.
Melting Point (°C)	No data available.
Boiling Temperature (°C)	No data available.
Density	No data available.

Vapour Pressure	No data available.
Solubility in Water	No data available.
Flash Point	No data available.
Explosion Limits	No data available.
Ignition Temperature	No data available.

Section 10 – Stability and Reactivity

Stability	<ul style="list-style-type: none"> Stable under recommended storage conditions.
Hazardous Decomposition Products	<ul style="list-style-type: none"> No data available.
Incompatible Materials	<ul style="list-style-type: none"> No data available.
Hazardous Polymerization	<ul style="list-style-type: none"> No data available.

Section 11 – Toxicological Information

Route of Exposure	<ul style="list-style-type: none"> Skin Contact: May cause skin irritation. Skin Absorption: May be harmful if absorbed through the skin. Eye Contact: May cause eye irritation. Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled. Ingestion: May be harmful if swallowed.
Signs and Symptoms of Exposure	<ul style="list-style-type: none"> To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12 – Ecological Information

Toxicity	<ul style="list-style-type: none"> No data available.
Persistence and Degradability	<ul style="list-style-type: none"> No data available.

Bioaccumulative Potential	<ul style="list-style-type: none"> No data available.
Mobility in Soil	<ul style="list-style-type: none"> No data available.

Section 13 – Disposal Considerations

Product	<ul style="list-style-type: none"> Offer surplus or non-recyclable product to licensed disposal company. Disposal is subject to user compliance with applicable law and product characteristics at time of disposal. Dispose of packaging as product.
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Section 14 – Transportation Information

ADR/RID	<ul style="list-style-type: none"> Not dangerous goods.
DOT	<ul style="list-style-type: none"> Not dangerous goods.
IMDG	<ul style="list-style-type: none"> Not dangerous goods.
IATA	<ul style="list-style-type: none"> Not dangerous goods.

Section 15 – Regulatory Information

- WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.
- DSL: No
- NDSL: No
- OSHA Hazards: Harmful by ingestion. Irritant

Section 16 – Other Information

The information contained in this Material Safety Datasheet is believed to be accurate but it is the responsibility of the user or supplier to determine the applicability of these data to the formulation of necessary safety precautions.

Applied Biological Materials Inc. shall not be held responsible for any damage resulting from the use of the above product or the information contained in this Material Safety Datasheet.