

Material Safety Datasheet (MSDS)

Updated: 09/11/2020

Version 2.2

www.abmgood.com

Applied Biological Materials Inc.

1-3671 Viking Way,

Richmond, BC, CANADA

V6V 2J5

Section 1 – Product and Company Information

Product Name	Penicillin/Streptomycin Solution
Catalog # From Manufacturer	G255
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

Substance Name	Streptomycin sulfate
Formula	C ₄₂ H ₈₄ N ₁₄ O ₃₆ S ₃
Molecular Weight	1457.4 g/mol
CAS Number	3810-74-0
EEC-No	223-286-0

Substance Name	Penicillin G Sodium Salt
Formula	C ₁₆ H ₁₇ N ₂ O ₄ Na
Molecular Weight	356.4 g/mol
CAS Number	69-57-8
EEC-No	200-710-2
Other Components	Components not listed here are not hazardous or their concentrations do not exceed the limits specified in the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Section 3 – Hazards Identification

WHMIS Classification	<ul style="list-style-type: none"> • Health Hazard: 2* • Flammability: 0 • Reactivity: 0
NFPA Rating	<ul style="list-style-type: none"> • Health: 2 • Flammability: 0 • Reactivity: 0

Section 4 – First Aid Measures

Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin Contact	Rinse skin with water. Immediate medical attention is not required.
Inhalation	Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a
Ingestion	Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

Section 5 – Fire Fighting Measures

Suitable Extinguishing Media	Use water Foam Carbon dioxide (CO ₂). Dry powder.
Specific Hazards	No data

Section 6 – Accidental Release Measures

Personal Precautions	Ensure adequate ventilation Always wear recommended Personal Protective Equipment Use personal protection equipment See section 8 for more information
Methods for Cleaning Up	Soak up with inert absorbent material.
Environmental Precautions	No special environmental precautions required

Section 7 – Handling and Storage

Handling	Use personal protective equipment as required. No special handling advices are necessary.
Storage	Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers.

Section 8 – Exposure Controls/ PPE

Engineering Controls	<ul style="list-style-type: none">• Ensure adequate ventilation, especially in confined areas.
Personal Protective Equipment	<ul style="list-style-type: none">• Eye Protection: Tight sealing safety goggles.• Skin and Body Protection: Wear suitable protective clothing.• Respiratory Protection: In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.
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	Stable under normal conditions.
Hazardous Decomposition Products	No data available.
Incompatible Materials	No dangerous reaction known under conditions of normal use.
Reactivity	Hazardous reaction has not been reported.

Section 11 – Toxicological Information

Route of Exposure	<ul style="list-style-type: none">• Skin Contact: No data available• Skin Absorption: May cause sensitization by skin contact• Eye Contact: No data available• Inhalation: No data available• Ingestion: No data available
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Additional information	May cause adverse reproductive effects - such as birth defect, miscarriages, or in fertility.
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Section 12 – Ecological Information

Toxicity	No data available.
Persistence and Degradability	No data available.
Bioaccumulative Potential	No data available.
Mobility in Soil	No data available.

Section 13 – Disposal Considerations

Product	Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle unclean containers like the product itself. See www.retrologistik.com for processes regarding the return of chemicals and containers, or contact us there if you have further questions.
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Section 14 – Transportation Information

TDG	Not dangerous goods
IATA	Not dangerous goods
IMDG	Not dangerous goods

Section 15 – Regulatory Information

- WHMIS Classification: D2A - Very toxic materials
- This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

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.