

Safety Data Sheet


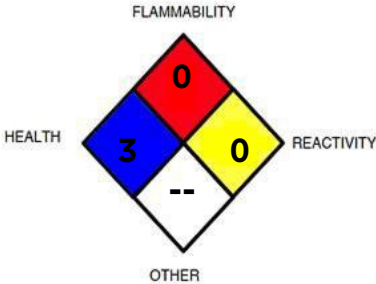
Section 1: Product & Company Identification

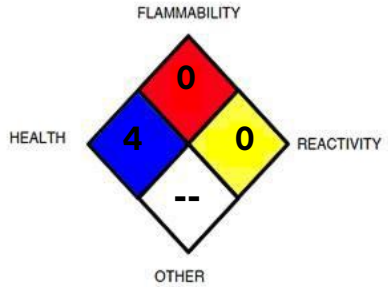
Product Name:	Teleocidin A1
Product #:	T-2593
Synonyms:	Lyngbyatoxin A
Supplier:	AG Scientific Holdings, LLC 9950 Scripps Lake Drive, Suite 104 San Diego, CA 92131 Tele# + 858-452-9925
Emergency Tele#:	ChemTel, Tele# in USA 1-800-255-3924, International 1-813-248-0585

Section 2: Composition / Information on Ingredients

Component	CAS #	EC #	% Composition
Teleocidin A1	70497-14-2		≥ 98%

Section 3: Hazards Identification

Symbols	
HMIS Classification	 <p>FLAMMABILITY: 0 HEALTH: 3 REACTIVITY: 0 OTHER: --</p>

NFPA Classification	
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Section 4: First Aid Measures

General Overview:	Immediately remove any clothing soiled by the product. In case of irregular breathing or respiratory arrest provide artificial respiration.
Inhalation:	In case of unconsciousness place patient stably in side position for transportation.
Skin:	Immediately wash with water and soap and rinse thoroughly.
Eyes:	Rinse opened eye for several minutes under running water. Then consult a doctor.
Ingestion:	Do not induce vomiting; immediately call for medical help.
	See section 11 for more detailed information on health effects & symptoms.

SECTION 5: Fire Fighting Measures

Flammability of the product:	Product is not flammable
Extinguishing Media:	Use fire-fighting measures that suit the environment. A solid water stream may be inefficient.
Hazardous thermal (de)composition products:	No data available
Special Fire Fighting Procedures:	No special measures required.
Flash Point:	No data available





Section 6: Accidental Release Measures

Personal Precautions:	Not required
Environmental Precautions:	Do not allow to enter sewers/surface or ground water.
Methods for Clean-up:	Dispose contaminated material as waste according to Section 13.

SECTION 7: Handling & Storage

Storage:	Recommended storage temperature: -20°C
Handling:	Thorough dedusting.

SECTION 8: Exposure controls / Personal Protection

Respiratory Protection:	 <p>Respirator</p>
Skin and Body:	  <p>Lab coat and gloves.</p>
Eyes:	 <p>Tightly sealed safety goggles</p>
Ventilation/Engineering Measures:	Ensure adequate ventilation.
Hygiene:	Handle in accordance with good industrial hygiene and safety practice.
Other:	N/A

SECTION 9: Physical and Chemical Properties

Appearance & Odor:	Solid, characteristic odor
Formula	$C_{27}H_{39}N_3O_2$

Molecular Wt.	437.6
Melting Pt.	No data available
Boiling Pt.	No data available
Density:	No data available
Vapor Pressure:	No data available
Evaporation Rate:	No data available
Vapor Density:	No data available
Solubility:	DMF, DMSO, Ethanol, Methanol
Flash Point:	No data available
Autoignition Temp:	No data available

SECTION 10: Stability and Reactivity

Stability:	Stable under recommended storage conditions
Hazardous decomposition products:	Carbon oxides, nitrogen oxides
Materials to Avoid:	No data available
Conditions to avoid:	No data available

SECTION 11: Toxicological Information

RTECS#:	WY1981000
ACUTE Toxicity:	LD50 Oral = 2 mg/kg (mouse) LDLo Intraperitoneal = 250 µg/kg (mouse)
CHRONIC Toxicity:	N/A
Chronic Exposure: Carcinogen: Mutagen: Teratogen: Reproductive:	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC. AGGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, potential human carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as known or anticipated human carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as known or potential human carcinogen by OSHA. EPA: No classification on carcinogenic data is available from EPA

SECTION 12: Ecological Information

Ecotoxicity:	Water Hazard Class 1 (Self-Assessment): slightly hazardous for water.
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	Do not allow undiluted product or large quantities of it to reach ground water, water course, or sewage system.
Mobility:	No data available
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Other adverse effects:	No data available
Corrosivity Characteristic:	No data available
General Notes:	To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

SECTION 13: Disposal Considerations

Residue Waste or Unused product:	Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Contaminated Packaging:	Disposal must be made according to official regulations.

SECTION 14: Transportation Information

UN ID#:	UN2811
ADR / RID (LAND):	N/A
DOT regulations:	UN2811 Toxic solids, organic, n.o.s. (Teleocidin A1) Class: 6.1 Toxic substances Packing Group: I Quantity Limitations On passenger aircraft/rail: 5 kg On cargo aircraft only: 50 kg
IMDG/IMO (SEA):	UN2811 Class: 6.1 Toxic substances TOXIC SOLID, ORGANIC, N.O.S. (Teleocidin A1) Packing Group: I Limited Quantities: 0 Excepted Quantities: Code: E5 Maximum net quantity per inner packaging: 1 g Maximum net quantity per outer packaging: 300 g
IATA/DGR (AIR):	UN2811 Class: 6.1 Toxic substances Toxic solid, organic, n.o.s. (Teleocidin A1)

	Packing Group: I Remarks: When sold in quantities of less than or equal to 1 mL, or 1 g, with an Excepted Quantity Code of E1, E2, E4, or E5, this item meets the De Minimis Quantities exemption, per IATA 2.6.10. Therefore packaging does not have to be labeled as Dangerous Goods/Excepted Quantity.
Special Provisions:	Warning: toxic substances Hazard Identification Number: 66 EMS Number: F-A,S-A Stowage Category: B

SECTION 15: Regulatory Information

Health Phrases:	H300 Fatal if swallowed H310 Fatal in contact with skin
Risk Phrases:	P262 Do not get in eyes, on skin, or on clothing. P264 Wash thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves / protective clothing.
Safety Phrases:	P301+P310 If swallowed: Immediately call a poison center/doctor. P321 Specific treatment (see on this label). P330 Rinse mouth. P302+P352 If on skin: Wash with plenty of water. P361+P364 Take off immediately all contaminated clothing and wash it before reuse. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
EU Regulations:	N/A
US Regulations:	TSCA: Not listed California Proposition 65: No products were found
U.S. Federal Regulations:	SARA 302/304 emergency planning and notification: No products were found. SARA 311/312 MSDS distribution-chemical inventory-hazard identification: No products were found. SARA 313 toxic chemicals notification and release reporting: No products were found. Clean Water Act (CWA) 307: No products were found. Clean Water Act (CWA) 311: No products were found. Clean Air Act (CAA) 112 accidental release prevention: No products were found. Clean Air Act (CAA) 112 regulated flammable substances: No products were found.



	Clean Air Act (CAA) 112 regulated toxic substances: No products were found. OSHA: Acute toxicity (Cat. 2)
WHMIS (Canada):	N/A

SECTION 16: Other Information

LIABILITY STATEMENT: *The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. AG Scientific shall not be held liable for any damages resulting from handling or from contact with the above product. AG Scientific products are for research purposes only. Not for human use or consumption.*