

**SAFETY DATA SHEET**

according to US Regulation 29 CFR 1910.1200 and the Canadian HPA

**GLB ALGIMYCIN 3000**

Version 2.0

Revision Date 2020.03.12

Print Date 2020.12.30

**SECTION 1. IDENTIFICATION**

Product name : GLB ALGIMYCIN 3000

**Manufacturer or supplier's details**Company : Innovative Water Care, LLC  
1400 Bluegrass Lakes Parkway  
Alpharetta, GA  
30004

Telephone : 1-800-511-6737 (Outside the USA: 1-423-780-2347)

E-mail address : sds@sigurawater.com

Emergency telephone number : 1-800-654-6911 (Outside the USA: 1-423-780-2970)

**Recommended use of the chemical and restrictions on use**

Recommended use : Water treatment chemical

**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Acute toxicity (Dermal) : Category 4

**GHS label elements**

Hazard pictograms :



Signal word : Warning

Hazard statements : H312 Harmful in contact with skin.

Precautionary statements : **Prevention:**  
P280 Wear protective gloves/ protective clothing.  
**Response:**  
P302 + P352 + P312 IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or doctor/ physician if you feel unwell.  
P363 Wash contaminated clothing before reuse.  
**Storage:**  
P402 + P404 Store in a dry place. Store in a closed container.

## GLB ALGIMYCIN 3000

P410 + P403 Protect from sunlight. Store in a well-ventilated place.

**Disposal:**

P501 Dispose of contents/container in accordance with local regulation.

### Other hazards

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity: 5 %

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Mixture

### Hazardous components

Chemical name / Synonyms	CAS-No.	Concentration (% w/w)
Poly[oxyethylene (dimethyliminio) ethylene]	31512-74-0	25 - 35
zinc sulphate	7446-19-7	3 - 7

## SECTION 4. FIRST AID MEASURES

- If inhaled : IF INHALED: Remove individual to fresh air. Seek medical attention if breathing becomes difficult or if respiratory irritation develops.
- In case of skin contact : IF ON SKIN: Flush skin with water for 15 minutes. Take off all contaminated clothing. Seek medical attention if irritation develops.
- In case of eye contact : IF IN EYES: Flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation develops.
- If swallowed : IF SWALLOWED: Immediately drink water to dilute. Seek medical attention if symptoms develop. Never give anything by mouth to an unconscious person.
- Most important symptoms and effects, both acute and delayed : None known.

## SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Choose extinguishing media suitable for surrounding materials.
- Specific hazards during firefighting : Material may be ignited only if preheated to high temperatures, for example in a fire.

## GLB ALGIMYCIN 3000

- 
- |                     |   |  |
|---------------------|---|--|
| Further information | : | Use water spray to cool unopened containers.<br>In case of fire, use normal fire-fighting equipment and the personal protective equipment recommended in Section 8 to include a NIOSH approved self-contained breathing apparatus. |
|---------------------|---|--|
- 

### SECTION 6. ACCIDENTAL RELEASE MEASURES

- |   |   |   |
|---|---|---|
| Personal precautions, protective equipment and emergency procedures | : | Use the personal protective equipment recommended in Section 8 and a NIOSH approved self-contained breathing apparatus.<br>Stop source of spill as soon as possible and notify appropriate personnel.<br>Utilize emergency response personal protection equipment prior to the start of any response.<br>Evacuate all non-essential personnel.<br>For disposal considerations see section 13. |
| Environmental precautions   | : | If the product contaminates rivers and lakes or drains inform respective authorities.   |
| Methods and materials for containment and cleaning up               | : | Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).<br>Do not flush into surface water or sanitary sewer system.  |
- 

### SECTION 7. HANDLING AND STORAGE

- |                             |   |   |
|-----------------------------|---|---|
| Advice on safe handling     | : | Do not take internally.<br>Avoid contact with skin, eyes and clothing.<br>If in eyes or on skin, rinse well with water.<br>Avoid breathing mist or vapor. |
| Conditions for safe storage | : | Store in a cool, dry and well ventilated place. Isolate from incompatible materials.<br>Do not freeze.  |
| Materials to avoid          | : | Refer to Section 10, "Incompatible Materials."  |
- 

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

---

## GLB ALGIMYCIN 3000

---

**Engineering measures** : No exposure limits exist for the constituents of this product. Additional ventilation beyond that of general exhaust is not normally required.

**Personal protective equipment**

Hand protection

Remarks : Impervious gloves

Eye protection : Safety glasses with side-shields

Skin and body protection : Impervious clothing

---

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : tan

Odour : moderate

Odour Threshold : no data available

pH : 6 - 7

Melting point/freezing point : no data available

Boiling point/boiling range : no data available

Flash point : no data available

Evaporation rate : no data available

Flammability (solid, gas) : Product is not known to be flammable, combustible, pyrophoric or explosive.

Flammability (liquids) : no data available

Upper explosion limit : no data available

Lower explosion limit : no data available

Vapour pressure : no data available

Relative vapour density : no data available

Relative density : 1.10 - 1.15

Density : no data available

## GLB ALGIMYCIN 3000

---

Bulk density	:	no data available
Water solubility	:	soluble
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Decomposition temperature	:	no data available
Viscosity, dynamic	:	no data available
Viscosity, kinematic	:	no data available
Oxidizing properties	:	Not applicable

---

### SECTION 10. STABILITY AND REACTIVITY

Possibility of hazardous reactions	:	Stable under normal conditions.
Conditions to avoid	:	High temperatures Avoid freezing.
Incompatible materials	:	Strong oxidizing agents Anionic polymers
Hazardous decomposition products	:	Carbon oxides

---

### SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure :

This product will not exert a significant adverse effect to health from any route of exposure.

#### Acute toxicity

Acute oral toxicity	:	LD50 (Rat): Believed to be > 5,000 mg/kg
Acute inhalation toxicity	:	Remarks: no data available
Acute dermal toxicity	:	LD50 (Rabbit): Believed to be > 2,000 mg/kg

#### Skin corrosion/irritation

## GLB ALGIMYCIN 3000

---

Remarks: Not expected to cause irritation.

### **Serious eye damage/eye irritation**

Result: No eye irritation

### **Respiratory or skin sensitisation**

Remarks: This material is not known or reported to be a skin or respiratory sensitizer. The active ingredient in this product tested negative for skin sensitization in humans and laboratory animals.

### **Carcinogenicity**

#### **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.

#### **OSHA**

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

#### **NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

#### **ACGIH**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

### **Further information**

Remarks: no data available

---

## SECTION 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

no data available

### **Persistence and degradability**

no data available

### **Bioaccumulative potential**

no data available

### **Mobility in soil**

no data available

### **Other adverse effects**

Ozone-Depletion Potential

: Regulation: US. EPA Clean Air Act (CAA) Section 602 Ozone-Depleting Substances (40 CFR 82, Subpt. A, App A & B)  
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

## GLB ALGIMYCIN 3000

---

Additional ecological information : Very toxic to aquatic life.

---

### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

Waste from residues : If this product becomes a waste, it will be a nonhazardous waste.  
As a nonhazardous liquid waste, it should be disposed of in accordance with local, state and federal regulations.

---

### SECTION 14. TRANSPORT INFORMATION

#### DOT

**UN number** : 3082  
**Proper shipping name** : Environmentally hazardous substance, liquid, n.o.s.  
(Poly[oxyethylene (dimethyliminio) ethylene])  
**Transport hazard class** : 9  
**Packing group** : III  
**Labels** : 9  
**Emergency Response Guidebook Number** : 171  
**Environmental hazards** : yes

## GLB ALGIMYCIN 3000

---

### TDG

<b>UN number</b>	: 3082
<b>Proper shipping name</b>	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Poly[oxyethylene (dimethyliminio) ethylene])
<b>Transport hazard class</b>	: 9
<b>Packing group</b>	: III
<b>Labels</b>	: 9
<b>Environmental hazards</b>	: yes

### IATA

<b>UN number</b>	: 3082
<b>Proper shipping name</b>	: Environmentally hazardous substance, liquid, n.o.s. (Poly[oxyethylene (dimethyliminio) ethylene])
<b>Transport hazard class</b>	: 9
<b>Packing group</b>	: III
<b>Labels</b>	: 9MI
<b>Environmental hazards</b>	: yes

### IMDG

<b>UN number</b>	: 3082
<b>Proper shipping name</b>	: Environmentally hazardous substance, liquid, n.o.s. (Poly[oxyethylene (dimethyliminio) ethylene])
<b>Transport hazard class</b>	: 9
<b>Packing group</b>	: III
<b>Labels</b>	: 9
<b>EmS Number 1</b>	: F-A
<b>EmS Number 2</b>	: S-F
<b>Environmental hazards</b>	: Marine pollutant: yes

### ADR

<b>UN number</b>	: 3082
<b>Proper shipping name</b>	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Poly[oxyethylene (dimethyliminio) ethylene])
<b>Transport hazard class</b>	: 9
<b>Packing group</b>	: III
<b>Classification Code</b>	: M6
<b>Hazard Identification Number</b>	: 90
<b>Labels</b>	: 9
<b>Environmental hazards</b>	: yes



## GLB ALGIMYCIN 3000

### RID

<b>UN number</b>	: 3082
<b>Proper shipping name</b>	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Poly[oxyethylene (dimethyliminio) ethylene])
<b>Transport hazard class</b>	: 9
<b>Packing group</b>	: III
Classification Code	: M6
Hazard Identification Number	: 90
Labels	: 9
<b>Environmental hazards</b>	: yes
<b>Special precautions for user</b>	: none
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	: Not applicable

### SECTION 15. REGULATORY INFORMATION

**This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals.**

EPA Registration number	: 7364-102
Signal word	: CAUTION!
Hazard statements	: Harmful if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Causes moderate eye irritation. This pesticide is toxic to fish.

#### EPCRA - Emergency Planning and Community Right-to-Know Act

##### CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
zinc sulphate	7446-19-7	1000	20000

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

#### SARA 311/312 Hazards

See above: SECTION 2. Hazard Identification-GHS Classification

## GLB ALGIMYCIN 3000

### SARA 313

Components	CAS-No.	Concentration
zinc sulphate	7446-19-7	3 - 7 %

### Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489).

This product does not contain any VOC exemptions listed under the U.S. Clean Air Act Section 450.

### Clean Water Act

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

Components	CAS-No.	Component RQ (lbs)
zinc sulphate	7446-19-7	1000

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

Components	CAS-No.	Concentration
zinc sulphate	7446-19-7	3 - 7 %

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

### US State Regulations

#### Massachusetts Right To Know

Components	CAS-No.
Poly[oxyethylene (dimethyliminio) ethylene]	31512-74-0
zinc sulphate	7446-19-7

#### Pennsylvania Right To Know

Components	CAS-No.
Poly[oxyethylene (dimethyliminio) ethylene]	31512-74-0
zinc sulphate	7446-19-7

#### California Prop. 65

## GLB ALGIMYCIN 3000

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### Canadian lists

### NPRI

Components	CAS-No.
zinc sulphate	7446-19-7

**The components of this product are reported in the following inventories:**

TSCA : This is an EPA registered pesticide.

## SECTION 16. OTHER INFORMATION

### Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

## **GLB ALGIMYCIN 3000**

---

Revision Date : 2020.03.12

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Date format : yyyy/mm/dd

US / EN