

MATERIAL SAFETY DATA SHEET

SAPLAS 500SL

SECTION 1 Chemical product and Company identification

Product Name: Polyoxin B SL

Product Use: Commercial fungicides

SECTION 2 Composition/Information on Ingredients

Product Name	Wt.%	CAS RN
Polyoxin-B	50	19396-06-6

SECTION 3 Hazards Identification

Physical and Chemical Hazards Not classified.

Human health Not classified.

Environment Aquatic Acute 2 - H401

Toxic to aquatic life.

Avoid release to the environment.

Dispose of contents/container in accordance with local regulations.

SECTION 4 First Aid Measures

Inhalation:

Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

Ingestion

Remove victim immediately from source of exposure. Get medical attention immediately! Rinse mouth thoroughly. Drink a few glasses of water or milk.

Induce vomiting, if person is conscious. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!

Skin contact:

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Eye contact:

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Ingestion:

Do not induce vomiting without medical advice. Give 2 glasses of water to drink. Never give anything by mouth to an unconscious person. Administration of gastric lavage or oxygen should be performed by qualified medical personnel.

Advice to physician:

No specific symptoms noted. No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5 Fire Fighting Measures

Extinguishing media

Fire can be extinguished using: Water. Foam. Carbon dioxide (CO₂). Halon. Powder.

Hazardous combustion products

When heated, vapours/gases hazardous to health may be formed.

Special Fire Fighting Procedures

Keep up-wind to avoid fumes. Keep run-off water out of sewers and water sources. Dike for water control.

Protective equipment for fire-fighters

Wear full protective clothing.

SECTION 6 Accidental release measures

Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation.

Avoid discharge into drains, water courses or onto the ground.

Stop leak if possible without risk. Avoid generation and spreading of dust. Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into closed container.

SECTION 7 Handling and storage

Handling:

Do not use in confined spaces without adequate ventilation and/or respirator. Provide good ventilation. Avoid handling which leads to dust formation. Avoid inhalation of dust and contact with skin and eyes.

Storage:

Store in tightly closed original container in a dry, cool and well-ventilated place. Protect against direct sunlight. Keep away from heat, sparks and open flame.

SECTION 8 Exposure controls/Personal protection

Provide adequate ventilation. The measures appropriate for a particular work site depend on how this material is used and on the extent of exposure. Ensure that control systems are properly designed and maintained. Comply with occupational safety, environmental, fire, and other applicable regulations.

PERSONAL PROTECTIVE EQUIPMENT:

Respirator:

Wear an approved full-face respirator suitable for protection from dusts and mists of pesticides is required. Limitations of respirator use specified by the approving agency and the manufacturer must be observed.

Clothing:

Wear appropriate chemical-resistant protective clothing or other impervious clothing. Wear boots, hat and equipment to prevent repeated or prolonged skin contact with this substance. Do not wear leather clothing. Wash clothing after use.

Gloves:

Wear appropriate chemical-resistant protective gloves whenever the product is handled to prevent contact with this substance. Wash gloves after use.

Eye protection:

Use safety goggles and face-shield which is compatible with respiratory equipment.

Emergency eye wash: Where there is any possibility that an employee's eyes may be exposed to this substance, an eye wash fountain or appropriate alternative within the immediate work area for emergency use, must be provided.

SECTION 9 Physical & Chemical properties

Appearance: Liquid

Colour: Light/Dark brown.

Solubility: Soluble in water.

SECTION 10 Stability & Reactivity

Stability:

No specific reactivity hazards associated with this product. Stable under normal temperature conditions and recommended use.

Possibility of hazardous reactions

Not known.

Incompatible materials

Incompatible materials

Hazardous decomposition products

Not known.

SECTION 11 Toxicological Information

Acute Oral LD50: > 6000 mg/kg (rat) Acute

Dermal LD50: > 8000 mg/kg (rabbit)

Inhalation, 4 hr LC50: >5.06mg/L

Eye Irritation: Non irritation.

Skin Irritation: Non irritation.

Sensitization: not a skin sensitizer.

SECTION 12 Ecological Information

Bird: Acute oral LD50 for mallard ducks and bobwhite quail >5000 mg/kg.

Fish: the 96h LC₅₀ for cap is as >160 mg/L; for rainbow trout > 80mg/l

Bee: LD50 for honeybees > 28ug/lt.

Daphnia: EC50 for *Daphnia magna* is >40 mg/l

Earthworm: LC50 (14 d) for earthworms > 5000 mg/kg.

Algae: EC50) to the algae is >100 mg/l.

SECTION 13 Disposal Considerations

Pesticide disposal:

Open dumping or burning of this pesticide is prohibited. Waste resulting from the use of this product that cannot be reused or reprocessed. Never pour untreated waste or surplus products into public sewers or where there is any danger of run-off or seepage into water systems. Do not contaminate rivers, dams or any other water sources with the product or used containers. Comply with local legislation applying to waste disposal.

Package product wastes:

Emptied containers retain vapour and product residues. Observe all labelled safeguards until container is destroyed. Empty the container of excess product into the container of the applicator. Destroy the emptied containers by perforation and flattening. Bury in an approved, designated landfill. Do not re-use the empty container for any other purpose. Do not burn the empty container. Comply with any local legislation applying to disposal.

SECTION 14 Transport Information

UN NUMBER: Not applicable.

Class: Not applicable.

Hazard ID no.: Not applicable.

Environmentally Hazardous Substance/Marine Pollutant: No