

SAFETY DATA SHEET

PERFORMER 400 SL



Section 1: Identification

- 1.1 Product identifier:** Performer 400 SL
Product Type: Soluble Liquid
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Relevant uses: Fungicide
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet**
Introlab (Pty) Ltd, 12 Oudepont Street, Wellington industrial Park, Wellington, 7655, South Africa, Tel: +27 21 864 2145/6
- 1.4 Emergency telephone number**
Griffon Poison Information Centre Tel: +27 82 446 8946

Section 2: Hazardous Identification

- 2.1 Classification of the substance or mixture**
CLP Regulation (EC) no 1272/2008;
Classification of this product has been carried out in accordance with CLP regulation (EC) no 1272/2008.

Acute toxicity, dermal, category 5 – H313
- 2.2 Label elements**
CLP regulation (EC) no 1272/2008

Hazard pictogram(s):
Signal word: None
Hazardous statement(s): H313 – May be harmful if in contact with skin

Precautionary Statement(s):
P101 – If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 – Read label before use.
P312 - Call a POISON CENTER/ doctor/.../if you feel unwell.
P501 – Dispose of the contents/containers in accordance with the current legislation on waste treatment.
- 2.3 Other hazards:** Not applicable

Section 3: Composition / Information on Ingredients

3.1 Mixture:

Active Ingredient: Potassium phosphite 460 g/L (Phosphorous acid equivalent 400 g/L)
CAS NO: 13598-36-2

Section 4: First Aid Measures

4.1 Description of first aid measures

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

Remove source of contamination, or move victim to fresh air. Keep affected person warm and at rest. Treat symptomatically and supportively. Get medical attention immediately if effects persist.

By skin contact:

Remove any contaminated clothing. Wash skin with soap or mild detergent and water for at least 15 minutes. Get medical attention if irritation develops or persists. Wash clothing before re-use.

By eye contact:

Immediately flush eyes with lukewarm water or saline solution for at least 15 minutes, lifting lower and upper eyelids occasionally. Check for and remove any contact lenses after 5 minutes. Get medical attention if necessary.

By ingestion / aspiration:

Have victim rinse mouth thoroughly with water. Give water to dilute the material if victim is alert and not convulsing. Do not induce vomiting. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomits, rinse mouth and administer more water. Never give anything by mouth to an unconscious person. Qualified medical personnel should perform administration of oxygen. Seek medical advice if necessary.

4.2 Indication of any immediate medical attention and special treatment needed

Notes to physician: There is no specific antidote. Treat symptomatically and supportively as and when required. If product is swallowed, gastric lavage could be considered, taking care to prevent aspiration of gastric material. Give oxygen if respiration is depressed.

Section 5: Fire Fighting Measures

5.1 Fire Extinguishing Media

Suitable extinguishing media:

Extinguish fires with carbon dioxide, dry powder, or alcohol resistant foam. Water spray can be used for cooling of unaffected stock, but avoid water coming in contact with the product.

Use as little water as possible. Use spray fog. Solid stream may cause spreading. Contain water use for firefighting for later disposal.

Unsuitable extinguishing media:

Do not use high volume water jet, due to contamination risk.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture:

Avoid inhaling hazardous vapours and fumes from burning materials.

Hazardous thermal decomposition products:

Fires may produce irritating or poisonous vapours (oxides of phosphorous, hydrogen and phosphate gases), mists or other products of combustion.

5.3 Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. In the event of a fire, wear full protective clothing and self-contained breathing apparatus with full-face piece operated in the pressure demand or other positive pressure mode.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid contact with skin and eyes. Do not breathe in spray or fumes. Ventilate area of leak or spill. Wear appropriate personal protective equipment, refer to Section 8.

6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground.

6.3 Methods and materials for containment and cleaning up

Spills:

Absorb with sand or other non-combustible absorbent material and put in a suitable container for reclamation or disposal.

Large Spills:

Prevent spillage or further leakage if it is safe to do so. Contain spillage with sand bags or by other means. Absorb with earth, sand or absorbent material. Dig up heavily contaminated soil. Flush with water to remove any residues. Keep product and wash water out of drains, sewers, ditches and waterways.

6.4 Reference to other sections:

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

Section 7: Handling & Storage

- 7.1 Precautions for safe handling:** Keep containers hermetically sealed. Avoid leakages from the container. Observe directions on label and instructions for use. Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.
- 7.2 Conditions for safe storage, including any incompatibilities:** Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Avoid sources of heat, radiation, static electricity and contact with food.
Technical measures for storage: Minimum Temp.: 5 °C Maximum Temp.: 30 °C Maximum time: 36 Months
- 7.3 Specific end use(s):** Use as directed. Use original container.

Section 8: Exposure Controls / Personal Protection

- 8.1 Control parameters** No specific occupational exposure limit has been established.
- 8.2 Exposure controls**
Appropriate engineering controls: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual protection measures

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. Possible: safety glasses with side-shields

Hand protection: Protective gloves against minor risks.

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary.

Environmental exposure controls: Prevent product from entry into sewers and water courses

Section 9: Physical and Chemical Properties

- 9.1 Information on basic physical and chemical properties
For complete information, please refer to product datasheet.

Appearance

Physical state:	Liquid soluble concentrate
Colour:	Clear
Odour:	Faint characteristic odour

Product description:

Density at 20 °C:	1.36 g/cm ³
Molecular weight:	82
pH	6-7
Solubility in water at 20 °C:	Completely soluble in water.
Stability:	This product is stable.
Explosive properties:	No explosive properties
Oxidising properties:	Incompatible with strong oxidizing agents.
Flash point:	None. Water based. Does not flash

Section 10: Stability and Reactivity

- 10.1 Reactivity:** Not reactive.
- 10.2 Chemical stability:** The product is stable under recommended storage conditions.
- 10.3 Possibility of hazardous reactions:** Hazardous polymerization does not occur.
- 10.4 Conditions to avoid:** Extremes of temperature and direct sunlight.
- 10.5 Incompatible materials:** Incompatible with strong oxidizing agents. Avoid contact with galvanized material, mild steel, aluminium alloy, brass, tin, caustic soda, chlorates, nitrates and calcium carbide. Corrosive.
- 10.6 Hazardous decomposition products:** Will react with metal. Thermal decomposition products include oxides of phosphorous, hydrogen and phosphate gases.

Section 11: Toxicological Information

11.1 Information on toxicological effects

Acute Oral toxicity:	LD50 (Rat) > 5000 mg/kg (calculated)
Acute Dermal Toxicity:	LD50 (Rat) > 5000 mg/kg (calculated)

Acute inhalation toxicity:	Harmful, may cause irritation of respiratory tract.
Acute skin irritation:	Moderate to severe skin irritant.
Acute eye irritation:	Moderate to severe eye irritant.
Skin sensitization:	Some individuals may develop extreme allergic problems.

Section 12: Ecological Information

12.1 Toxicity:

Birds: Practically not toxic to birds

Fish: Practically not toxic to fish and aquatic organisms.

Daphnia: Slightly toxic to invertebrate

Bees: Practically not toxic to bees

12.2 Persistence and degradability: No data available.

12.3 Bio accumulative potential: Not bio accumulative.

12.4 Mobility in soil: No data available.

12.5 Results of PBT and vPvB assessment: No information found.

12.6 Other adverse effects: Avoid release to the environment.

Section 13: Disposal Considerations

13.1 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.

13.2 Container disposal:

Emptied containers retain vapour and product residues. Observe all labelled safeguards until container is destroyed.

TRIPLE RINSE empty containers in the following manner: Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter rinse the container three times with a volume of water equal to a minimum of 10 % of that of the container. Add the rinsings to the contents of the spray tank before destroying the container in the prescribed manner.

Do not re-use the empty container for any other purpose but destroy it by perforation and flattening and bury in an approved dump site. Prevent contamination of food, feedstuffs, drinking water and eating utensils.

Section 14: Transportation Information

	Land transport (ADR/RID)	Inland waterway transport (AND/ADNR)	Sea Transport (IMDG)	Air Transport (ICAO-TI / IATA- DGR)
14.1 UN Number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing Group	-	-	-	-
14.5 Environmental hazards	-	-	-	-
14.6 Special precautions for user	No data available	No data available	No data available	No data available
14.7 Transport in bulk according to Annex II of Marpol and IBC Code:	No data available	No data available	No data available	No data available

Section 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Occupational Health and Safety Act 1993 Regulation for Hazardous Chemical Substances

Other legislation:

EU regulations: Regulation EC 1272/2008 [EU-GHS/CLP]

Other National regulations: National Road Traffic Act, 1996 (ACT NO. 93 of 1996).

SANS 10228:2012- The identification and classification of dangerous goods for transport by road and rail modes.

National Environmental Management: Waste Act 59 of 2008.

15.2 Chemical Safety Assessment: The supplier has not carried out evaluation of chemical safety.

Section 16: Other Information

16.1 Legislation related to safety data sheets: This safety data sheet is GHS aligned

16.2 CLP Regulation (EC) no 1272/2008:

Acute toxicity, dermal, category 5 – H313

16.3 Relevant P-, H- and EUH-phrases (number and full text)

H313 - May be harmful in contact with skin

P101 – If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 – Read label before use.

P312 - Call a POISON CENTER/ doctor/.../if you feel unwell.

P501 – Dispose of the contents/containers in accordance with the current legislation on waste treatment.

Notice to reader

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