



Novagen Innovations (Pty) Ltd. t/a Agri Novagenix  
Company registration number: 2020/891524/07 ; VAT: 4150295469  
PO Box 1224, Isando, 1600, South Africa

## SAFETY DATA SHEET

### FOLTAC FLO

Reg. No. / Nr L11743 Act No. 36 of 1947 / Wet Nr 36 van 1947

#### Section 1. Identification of the material and the supplier

Product: **FOLTAC FLO**  
Product Use: Fungicide  
Restriction of Use: Refer to Section 15

Supplier: **Novagen Innovations (Pty) Ltd. t/a Agri Novagenix**  
Address: PO Box 1224  
Isando, 1600  
South Africa  
[www.novagenag.co.za](http://www.novagenag.co.za)

**Emergency No:** POISON INFORMATION HELPLINE 0861 555 777  
GRIFFON POISON CENTRE 082 446 8946  
POISON CENTRE (UNITAS HOSPITAL) 012 664 1100  
TYGERBERG 021 931 6129  
RED CROSS 021 689 5227  
RAPID SPILL RESPONSE 0800 775 3305

Date of SDS Preparation: 5 February 2025

#### Section 2. Hazards Identification

##### Classification of the substance or mixture

**Globally Harmonised System, EU (GHS) and according to regulation EC No 1272/2008 [CLP]**

Acute Toxicity Inhalation Category 4; H332  
Skin Irritation Category 2; H315  
Skin Sens. Category 1; H317  
Serious Eye Damage Category 1; H318  
Carcinogen Category 2; H351  
Short-term (Acute) Aquatic hazard Category 1; H400

For the full text of the H-Statements mentioned in this Section, see Section 16.

##### Label elements

**Globally Harmonised System, EU (GHS) and according to regulation EC No 1272/2008 [CLP]**

#### Pictograms



Signal Word: **DANGER**

#### Hazard statement(s)

H332: Harmful if inhaled.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H351: Suspected of causing cancer.

H400: Very to aquatic life.

#### Precautionary statement(s)

##### General:

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

P102 - Keep out of reach of children.

P103 - Read carefully and follow all instructions.

##### Prevention:

P203 - Obtain, read and follow all safety instructions before use.

P261 - Avoid breathing dust/fumes/gas/mist/vapours/spray.

P264 + P265 - Wash hands thoroughly after handling. Do not touch eyes.

P271 - Use only outdoors or in a well-ventilated area.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

##### Response:

P302 + P352 - IF ON SKIN: Wash with plenty of water and soap.

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P354 + P338 - IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P317 - Get medical help.

P318 - If exposed or concerned, get medical advice.

P321 - Specific treatment (see First Aid Measures on this SDS).

P333 + P317 - If skin irritation or rash occurs: Get medical help.

P362 + P364 - Take off contaminated clothing and wash it before reuse.

P391 - Collect spillage.

##### Storage:

P405 – Store locked up

##### Disposal:

P501 - Dispose of contents/container in accordance with national regulations.

Supplemental Hazard Statements: none

## 2.3 Other

### Other hazards

No other hazards known

## Section 3. Composition / Information on Hazardous Ingredients

Mixture

Suspension concentrate

Folpet 500 g/L

Globally Harmonised System, EU (GHS) and according to regulation EC No 1272/2008 [CLP]

| Ingredients             | CAS number | Concentration of hazardous ingredient | Classification                                                                                                                                                                                                                         |
|-------------------------|------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Folpet                  | 133-07-3   | 50%                                   | Acute Tox. Inhalation Cat. 4; H332<br>Eye Irrit. Cat. 2A; H319<br>Skin Sens. Cat. 1; H317<br>Carc. Cat. 2; H351<br>Aquatic Acute Cat. 1; H400, M factor 10                                                                             |
| Sodium Dodecyl sulphate | 151-21-3   | >1-<15%                               | Flammable solid Cat. 2; H228<br>Acute Tox. Oral Cat. 4; H302<br>Acute Tox. Inhalation Cat. 4; H332<br>Skin Irrit. Cat. 2; H315<br>Ser. Eye Dam. Cat. 1; H318<br>STOT-SE Cat. 3 respiratory tract; H335<br>Aquatic Chronic Cat. 3; H412 |

For the full text of the H-Statements mentioned in this Section, see Section 16.

## Section 4. First Aid Measures

Provide medical personnel with the container label, product name or safety data sheet (SDS) when seeking medical attention. Remove patient from exposed area. The symptoms resulting from intoxication can appear after exposure. Therefore, in case of doubt, seek medical attention from direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

Routes of Exposure:

|              |                                                                                                                                                                                                                                                                                                                         |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| If in Eyes   | Immediately flush the eyes with lukewarm water or saline solution for at least 15 minutes, lifting the lower and upper eyelids occasionally. Check for and remove any contact lenses after 5 minutes. Get medical attention if necessary.                                                                               |
| If on Skin   | Remove any contaminated clothing. Immediately flush the body with large amounts of water. Wash the skin with soap or a mild detergent and water for at least 15 minutes. Do not rub the skin. Get medical attention if irritation develops and persists. Wash any clothing before re-use.                               |
| If Swallowed | Have the patient rinse their mouth out thoroughly with water if the person is alert and able. DO NOT induce vomiting. If spontaneous vomiting occurs, have the patient lean forward with their head down to avoid breathing in the vomitus. Rinse the patient's mouth and administer more water. Never give anything by |

mouth to an unconscious person. Seek medical attention. For advice contact the National Poisons Centre.

If Inhaled

Remove the patient to fresh air, lay them down and keep them warm and at rest. If the patient is not breathing give artificial respiration. If breathing is difficult, give oxygen. Do NOT give mouth-to-mouth resuscitation if the victim ingested or inhaled the substance. Keep the patient at rest and warm. Treat symptomatically and supportively as required. Obtain medical advice if required.

**Most important symptoms and effects, both acute and delayed**

None known. Remove patient from exposed area. Never give fluids or induce vomiting if the patient is unconscious or is having convulsions.

**Treatment:**

No specific antidote is known. Treat symptomatically and supportively. If ingested, perform gastric lavage and administer activated charcoal.

**Section 5. Fire Fighting Measures**

|                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazards from products</b>                                              | Fire may produce irritating or poisonous vapours (toxic oxides of nitrogen and corrosive bromine), mists or other products of combustion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Suitable Extinguishing media</b>                                       | <p><b>Suitable extinguishing media:</b><br/>Extinguish small fires with water, alcohol-resistant foam, dry chemical, and carbon dioxide. Water spray may be used for the cooling of unaffected stock, however, avoid water coming into contact with the product.<br/>In the case of large fires: Use water spray, fog, or regular foam. Dike the fire control water for later disposal.</p> <p><b>Unsuitable extinguishing media:</b><br/>Do not use a water jet due to contamination/spreading fog.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Recommended protective clothing &amp; Precautions for firefighters</b> | <p><b>Firefighting:</b><br/>Fight the fire from the maximum distance. Remove any containers/bags from the fire area if possible and safe to do so. Contain all fire control agents for later disposal. Use a recommended extinguishing agent for the type of surrounding fire.</p> <p>Avoid inhaling any hazardous vapours. Keep upwind.</p> <p>Remove spectators from surrounding area. Isolate the fire area and evacuate downwind. Fight fire from maximum distance and use unmanned hose holder or monitor nozzles. Contain fire control agents for later disposal.</p> <p>Avoid inhaling hazardous vapours and fumes from burning materials. Keep upwind. Remove container from fire area if possible and without risk. Water can be used to cool unaffected containers but must be contained for later disposal.</p> <p>Dyke fire control water for later disposal. Do not scatter the material. Avoid pollution of waterways.</p> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire-fighting clothing (includes fire-fighting helmet, coat, trousers, boots, and gloves). Avoid contact with this material during fire-fighting operations. If contact is likely, change to full chemical resistant fire-fighting clothing with self-contained breathing apparatus. If this is not available, wear full chemical resistant clothing with self-contained breathing apparatus and fight fire from a remote location. For protective equipment in post-fire or non-fire clean-up situations, refer to the relevant sections.</p> <p><b>Additional provisions:</b><br/>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.</p> <p>Keep people away. Isolate fire and deny unnecessary entry. Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of reignition has passed. To extinguish combustible residues of this product use water fog, carbon dioxide, dry chemical, or foam. Contain fire water run-off if possible. Fire water run-off, if not contained, may cause environmental damage. Review the "Accidental Release Measures" and the "Ecological Information" sections of this SDS.</p> <p>Unusual Fire and Explosion Hazards: This material will not burn until the water has evaporated. Residue can burn. If exposed to fire from another source and water is evaporated, exposure to high temperatures may cause toxic fumes.</p> <p><b>Personal protective equipment:</b><br/>Wear appropriate safety clothing and eye/face protection. Do not inhale vapour or spray. Avoid contact with spilled product or contaminated surfaces. Avoid contact with skin and eyes. Avoid inhalation of the spray or fumes.</p> <p><b>For personal protection see Section 8.</b></p> |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Section 6. Accidental Release Measures

### Personal precautions:

All personnel handling this material must be thoroughly trained on how to handle spills and releases. Avoid contact with skin and eyes. Do not breathe in spray or fumes. For personal protection see Section 8. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink, or smoke. Wash contaminated clothing before re-use. For personal protection see Section 8.

### Environmental precautions:

Do not discharge into drains/surface waters/groundwater. Do not discharge into the subsoil/soil. Prevent any further leakage or spillage if it is safe to do so. Do not flush into the surface water or the sanitary sewer system. Do not allow it to enter the drains or watercourses. If the contamination of watercourses is unavoidable, inform the appropriate authorities immediately in accordance with local regulations.

## Methods and materials for containment and cleaning up:

Wear protective clothing. Clear area of unprotected persons and animals.

Do not touch any spilled material, stop the leak if it is safe to do so and without risk.

Contain and absorb liquid spills with inert material (e.g. sand, silica gel, acid binder, universal binder, sawdust), remove by scoop or vacuum. Use approved industrial vacuum cleaner for removal and place in waste containers. Place the material into a clean dry container and seal for subsequent disposal in accordance with local and national regulations. Wash the area with water and detergent and absorb with further inert material. Collect the contaminated water for later disposal in accordance with local and national regulations. Label all waste drums according to their content and dispose of in accordance with local and national regulations.

**DO NOT** flush spilled material into drains. Decontaminate all tools and equipment following clean-up. Keep spectators away and upwind. Open burning or dumping of this material is prohibited. Heavily contaminated soil layers have to be dug out down to clean soil. If spill does enter waterways, contact the local authority. Spilled product cannot be re-used and must be disposed of in accordance with local and national regulations.

If containers cannot be recycled, they should be disposed of together with the waste chemical.

**Waste Disposal:** In accordance with local and national regulations. Do not contaminate water, food, or feed by disposal. Prevent further leakage or spillage if safe to do so.

Do not flush into surface water or sanitary sewer system.

If the product contaminates rivers and lakes or drains inform respective authorities. Contain spillage. Collect and transfer the product into a properly labelled and tightly closed container. Clean contaminated floors and objects thoroughly, observing environmental regulations. Keep in suitable, closed containers for disposal.

Retain and dispose of contaminated wash water.

**Container Disposal:** Refer to the product label for instructions.

Containers and packages must be completely emptied before disposal. Rinse empty container three times with a volume of water equal to a minimum of 30% of that of the container. Add the rinsings to the contents of the spray tank before destroying the empty container. Destroy the empty container by perforation and flattening and do not use for any other purpose. Store appropriately until it can be taken to a waste treatment facility authorised to destroy waste in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) and the relevant waste management regulations for disposal. Empty containers and product should not be burnt.

## Reference to other sections

Information regarding safe handling, see section 7.

Information regarding personal protective equipment, see section 8.

Information regarding waste disposal, see section 13.

|                   |                             |
|-------------------|-----------------------------|
| <b>Section 7.</b> | <b>Handling and Storage</b> |
|-------------------|-----------------------------|

## Precautions for Handling:

Avoid any skin and eye contact and inhalation of spray mist or fumes. Ensure adequate ventilation. Do not handle near sources of ignition. Do not directly apply to areas where surface water is present. Cleaning water should be disposed of in appropriate manner.

## Precautions for Storage:

Store in the closed, original container in a dry, cool well-ventilated area out of direct sunlight and away from unauthorised persons, children, animals, foodstuffs, and water supplies. Ensure that local regulations are complied with.

Protect from extreme temperatures. Keep out of reach of children.

Store in a cool, dry place, well-ventilated area out of direct sunlight.

Store away from food, feed, fertilizer, and seed.

Keep out of reach of children, uninformed persons, and animals.

**Specific end use(s):** Use only according to the label.

## **Section 8 Exposure Controls / Personal Protection**

### **Occupational exposure limits:**

Contains no substances with occupational exposure limit values.

### **Engineering Controls / Industrial Hygiene**

Comply with occupational safety, environmental, fire and other applicable regulations.

It is essential to 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 Protection Equipment**

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eyes</b>        | Safety goggles with side-shields or a full-face shield. Where there is any possibility that an employee's eyes may be exposed to this substance, the employer must provide an eye wash fountain or appropriate alternative within the immediate work area for emergency use.                                                                                                                                                |
| <b>Hands</b>       | Employee must wear appropriate chemical-resistant gloves to prevent contact with this substance                                                                                                                                                                                                                                                                                                                             |
| <b>Skin</b>        | Employee must wear appropriate protective (impervious) clothing to prevent skin contact with this substance.                                                                                                                                                                                                                                                                                                                |
| <b>Respiratory</b> | Employee must wear full-face respirator.                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>General</b>     | Keep away from food, drink, and animal feedstuffs. No eating, drinking, or smoking during use. Wash hands and face before breaks and after work. When handling wear full protective clothing such as gloves, hat, coat, and trousers (worn outside rubber boots). Suitable or appropriate respiratory and eye protection should also be worn. The use of a skin barrier cream is useful to give additional skin protection. |

## **Section 9 Physical and Chemical Properties**

|                              |                               |
|------------------------------|-------------------------------|
| <b>Appearance</b>            | Liquid                        |
| <b>Colour</b>                | White                         |
| <b>Odour</b>                 | Characteristic                |
| <b>Odour Threshold</b>       | No data available             |
| <b>pH</b>                    | 5.0 – 7.0                     |
| <b>Boiling/Melting Point</b> | No data available             |
| <b>Freezing Point</b>        | No data available             |
| <b>Flash Point</b>           | No data. Expected to be >93°C |

|                                         |                                                                              |
|-----------------------------------------|------------------------------------------------------------------------------|
| <b>Flammability</b>                     | Not flammable                                                                |
| <b>Upper and Lower Explosive Limits</b> | No data available                                                            |
| <b>Vapour Pressure</b>                  | No data available                                                            |
| <b>Relative Vapour Density</b>          | No data available                                                            |
| <b>Density</b>                          | 1.20                                                                         |
| <b>Water Solubility</b>                 | Suspends in water                                                            |
| <b>Partition Coefficient:</b>           | Formulated product: No data available<br>Folpet: log Pow (at 20 °C): 3.11    |
| <b>Ignition Temperature</b>             | No data available                                                            |
| <b>Decomposition Temperature</b>        | No data available                                                            |
| <b>Viscosity</b>                        | Dynamic viscosity: No data available Kinematic viscosity: No data available. |
| <b>Particle Characteristics</b>         | No data available                                                            |
| <b>Surface tension</b>                  | No data available                                                            |

## Section 10. Stability and Reactivity

|                                           |                                                                                                                                                                                                                                                      |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stability of Substance</b>             | Stable under normal conditions. Stable for 24 months. Avoid exposure elevated temperatures. When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture. Thermally and chemically stable. |
| <b>Possibility of hazardous reactions</b> | None known.                                                                                                                                                                                                                                          |
| <b>Conditions to Avoid</b>                | Avoid excessive heat, open flames, and sparks.                                                                                                                                                                                                       |
| <b>Incompatible Materials</b>             | Always store in original container.                                                                                                                                                                                                                  |
| <b>Hazardous Decomposition Products</b>   | Fire may produce harmful combustion products, such as carbon monoxide and organic components, which are toxic and irritating.                                                                                                                        |

## Section 11 Toxicological Information

### Acute Effects:

|                   |                                                   |
|-------------------|---------------------------------------------------|
| <b>Oral</b>       | GHS: Not classified                               |
| <b>Dermal</b>     | GHS: Not classified                               |
| <b>Inhalation</b> | GHS: Category 4                                   |
| <b>Eye</b>        | GHS: Serious Eye Dam. Cat. 1                      |
| <b>Skin</b>       | GHS: Skin Irrit. Cat. 2<br>GHS: Skin Sens. Cat. 1 |

### Chronic Effects:

|                               |                     |
|-------------------------------|---------------------|
| <b>Carcinogenicity</b>        | GHS: Category 2     |
| <b>Reproductive Toxicity</b>  | GHS: Not classified |
| <b>Germ Cell Mutagenicity</b> | GHS: Not classified |
| <b>Aspiration</b>             | GHS: Not classified |
| <b>STOT/SE</b>                | GHS: Not classified |
| <b>STOT/RE</b>                | GHS: Not classified |

## Section 12. Ecotoxicological Information

|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Ecological effects information</b></p> | <p>GHS: Aquatic Acute Category 1</p> <p><b>Birds:</b><br/> <b>Folpet:</b><br/>         Acute oral LD<sub>50</sub> for mallard ducks &gt;2000, bobwhite quail &gt;2510 mg/kg. Dietary LC<sub>50</sub> for mallard ducks and bobwhite quail &gt;5000 mg/kg diet.</p> <p><b>No data available for the formulated product</b></p> <p><b>Bees:</b><br/> <b>Folpet:</b><br/>         &gt;100 (contact), &gt;100 (oral)</p> <p><b>No data available for the formulated product</b></p> <p><b>Worms:</b><br/> <b>Folpet:</b><br/>         LC<sub>50</sub> (14 d) for earthworms &gt;500 mg/kg soil.</p> <p><b>No data available for the formulated product</b></p>       |
| <p><b>Persistence and degradability</b></p>  | <p><b>Information based on active:</b><br/>         Animals: Major metabolites are phthalimide, phthalic acid and phthalamic acid.<br/>         Plants: As for animals.<br/>         Soil/Environment: DT<sub>50</sub> (soil) 4.3 d; DT<sub>50</sub> (water) &lt;0.7 h. Strongly adsorbed to soil: adsorption K<sub>oc</sub>: 304–1164 (calc.); unlikely to leach.</p> <p>This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.</p> <p>Biodegradability: Readily biodegradable. Water DT<sub>50</sub> &lt;0.7h.</p> |
| <p><b>Bioaccumulation</b></p>                | <p><b>Partition coefficient: n-octanol/water(log Pow):</b> Folpet: LogP: 3.11</p> <p><b>Bioconcentration factor (BCF):</b><br/>         Folpet: 56. Does not bioaccumulate in aquatic organisms.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <p><b>Mobility in Soil</b></p>               | <p>Folpet:<br/>         Strongly adsorbs to soil, K<sub>oc</sub> 304–1164 (calc.) Unlikely to leach.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p><b>Other adverse effects</b></p>          | <p>This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB).<br/>         This substance / mixture contains no ingredients that are on the Montreal Protocol list of substances that deplete the ozone layer.</p>                                                                                                                                                                                                                                                                                                                              |
| <p><b>Precautions:</b></p>                   | <p>Do not allow to enter waterways.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

### Section 13. Disposal Considerations

#### Disposal Method:

In accordance with local and national regulations.

If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities. This information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. If the material as supplied becomes a waste, follow all applicable regional, national and local laws.

This product and its container must be disposed of by a waste treatment facility authorised to destroy waste in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) and the relevant waste management regulations. Do not dispose into, or allow contact with, municipal sewerage systems or open water bodies. Do not bury.

#### **Contaminated packaging:**

Contaminated packaging should be emptied as far as possible. If containers cannot be recycled, they should be disposed of together with the waste chemical

Do not reuse empty containers. Empty containers retain product residue. Triple rinse, or equivalent, empty container, return rinse water to dilution mixture, and dispose of dilution mixture as a hazardous waste if it cannot be disposed of by use according to label instructions. Consult provincial environment department for advice on waste disposal. Industrial/commercial waste may be handled at licensed facilities only. Waste shipments must be securely packaged and properly labelled. Only licensed carriers may be used for transport. If recycling, close container and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and take to a waste treatment facility authorised to destroy waste in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) and the relevant waste management regulations for disposal.

#### **Special precautions during disposal:**

Waste resulting from the use of this product 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. Triple rinse containers, add rinsate to the spray tank, then offer the container for recycling/reconditioning, or puncture top, sides and bottom and take to a waste treatment facility authorised to destroy waste in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) and the relevant waste management regulations for disposal. If on-site container disposal is necessary, triple rinse empty container with water, add rinsate to the spray tank. Puncture top, sides and bottom, crush, and store appropriately until it can be taken to a waste treatment facility authorised to destroy waste in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) and the relevant waste management regulations for disposal. Empty containers and product should not be burnt.

### **Section 14                      Transport Information**

#### **Rail/road (RID/ADR):**

|                             |                                                                 |
|-----------------------------|-----------------------------------------------------------------|
| <b>Proper shipping name</b> | ENVIRONMENTALLY HAZARDOUS SUBSTANCE,<br>LIQUID, N.O.S. (Folpet) |
| <b>UN number</b>            | 3082                                                            |
| <b>Class</b>                | 9                                                               |
| <b>Packing group</b>        | III                                                             |
| <b>Environm. Haz. Mark</b>  | Yes                                                             |

**Sea (IMDG code):**

|                                                                                            |                                                                 |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| Proper shipping name                                                                       | ENVIRONMENTALLY HAZARDOUS SUBSTANCE,<br>LIQUID, N.O.S. (Folpet) |
| UN number                                                                                  | 3082                                                            |
| Class                                                                                      | 9                                                               |
| Packing group                                                                              | III                                                             |
| Marine pollutant                                                                           | Yes                                                             |
| Transport in bulk according to Annex<br>I or II of MARPOL 73/78 and the IBC<br>or IGC code | Consult IMO regulations before transporting ocean<br>bulk.      |

**Air (ICAO/IATA):**

|                      |                                                                 |
|----------------------|-----------------------------------------------------------------|
| Proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE,<br>LIQUID, N.O.S. (Folpet) |
| UN number            | 3082                                                            |
| Class                | 9                                                               |
| Packing group        | III                                                             |
| Environm. Haz. Mark  | Yes                                                             |

|                   |                               |
|-------------------|-------------------------------|
| <b>Section 15</b> | <b>Regulatory Information</b> |
|-------------------|-------------------------------|

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

This safety data sheet complies with the requirements of Regulation (EC) No.1907/2006.

**Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out.

|                   |                          |
|-------------------|--------------------------|
| <b>Section 16</b> | <b>Other Information</b> |
|-------------------|--------------------------|

**Full text of H-Statements referred to under sections 2 and 3.**

H228: Flammable solid.  
H302: Harmful if swallowed.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H318: Causes serious eye damage.  
H319: Causes serious eye irritation.  
H332: Harmful if inhaled.  
H335: May cause respiratory irritation.  
H351: Suspected of causing cancer.  
H400: Very toxic to aquatic life.  
H412: Harmful to aquatic life with long lasting effects.

**Abbreviations and acronyms**

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road  
CAS-Nr. Chemical Abstracts Service number  
CLP Classification, Labelling and Packaging  
ECHA – European Chemicals Agency  
EC-No. European community number  
EU European Union

GHS Globally Harmonized System  
IATA International Air Transport Association  
IBC International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (IBC Code)  
ICAO International Civil Aviation Organization  
IMDG International Maritime Dangerous Goods  
LCx Lethal concentration to x %  
LDx Lethal dose to x %  
MARPOL: International Convention for the prevention of marine pollution from ships  
PBT Persistence, Bioaccumulation and Toxic  
vPvB Very persistent and very bioaccumulative  
RID Regulations concerning the International Carriage of Dangerous Goods by Rail  
STOT SE Specific target organ toxicity single exposure.  
STOT RE Specific target organ toxicity repeated exposure.  
UN United Nations

For proper and safe use of this product, please refer to the approval conditions laid down on the product label. The data contained in this safety data sheet is based on our current knowledge and describes the product only with regard to safety requirements. The data does not describe the products properties. Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any existing laws and legislation are observed.

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