

Section 1. Identification of the Substance/Mixture and of the Supplier

- 1.1 Product Code:** FULLTEC10, FULLTEC15, FULLTEC110, FULLTECIBC
Product Name: FULLTEC
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:** Fertiliser
- 1.3 Details of the Supplier of the Safety Data Sheet:**
- Company Name:** Spraytec Australia
U1/8 Emplacement Crescent
Hamilton Hill
Western Australia 6163, Australia
- Web site address:** www.spraytecaustralia.com.au
- Email address:** admin.australia@spraytec.com
- Information:** 1300 422 501
- 1.4 Emergency telephone number:** 1300 422 501
Emergency Contact: 1300 422 501

Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**
- Serious Eye Damage/Eye Irritation, Category 2
- Acute Toxicity: Skin, Category 4
- Acute Toxicity: Oral, Category 5
- Acute Toxicity: Oral, Category 4

2.2 Label Elements:



GHS Signal Word:

Warning GHS Hazard Phrases:

H302 - Harmful if swallowed.

H303 - May be harmful if swallowed.

H312 - Harmful in contact with skin.

H319 - Causes serious eye irritation.

GHS Precaution Phrases:

P264 - Wash hands thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

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

GHS Response Phrases:

P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P302+352 - IF ON SKIN: Wash with plenty of soap and water.

P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

P330 - Rinse mouth.

P337+313 - If eye irritation persists, get medical advice/attention.

P362+364 - Take off contaminated clothing and wash it before reuse.

GHS Storage and Disposal Phrases:

P501 - Dispose of contents/container to permitted waste facility.

2.3 Adverse Human Health Acute: Depending on the duration of contact, overexposure can irritate the eyes, skin,

Effects and Symptoms: Mucous membranes and any other exposed tissue. Chronic: Not known. Expected toxicity hazard: slight to moderate.

2.3.1 Inhalation: Causes respiratory tract irritation.

2.3.2 Skin Contact: May be harmful if absorbed through skin. May cause skin irritation.

2.3.3 Eye Contact: Causes eye irritation. Causes redness and pain.

Ingestion: Harmful if swallowed. May cause cardiac disturbances. May cause irritation of the digestive tract.

Section 3. Composition / Information on Ingredients

| CAS # | Components (Chemical Name)/ REACH Registration No. | Concentration | EC No./ EC Index No. | GHS Classification |
|-----------|--|---------------|---------------------------|---------------------|
| 7664-38-2 | Phosphoric acid | <25.3 % | 231-633-2 015-011-00-6 | Skin Corr. 1B: H314 |
| 57-13-6 | Urea | <15.5 % | 200-315-5 NA | No data available. |

Section 4. First Aid Measures

- 4.1 Description of First Aid Measures:** Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
- In Case of Inhalation:** Remove from exposure and move to fresh air immediately. If not breathing give artificial respiration. If breathing becomes difficult, call a physician.
- In Case of Skin Contact:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Consult a physician.
- In Case of Eye Contact:** Call a physician if irritation persists. Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.
- In Case of Ingestion:** Drink plenty of water. Call a physician or poison control center immediately for advice on inducing vomiting. Do not induce vomiting or give anything by mouth to an unconscious person.
- Note for the Doctor:** Treat symptomatically and supportively.
- 4.3 Indication of any immediate medical attention and special treatment needed:** No data available.

Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- 5.2 Flammable Properties and Hazards:** No data available.
- Hazardous Combustion Products:** N.A.
- Flash Pt:** No data available.
- Explosive Limits:** LEL: No data available. UEL: No data available.
- Autoignition Pt:** No data available.
- 5.3 Fire Fighting Instructions:** Wear self-contained breathing apparatus for firefighting if necessary. Further information: The product itself does not burn. No data available.

Section 6. Accidental Release Measures

- 6.1 Protective Precautions, Protective Equipment:** Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection

and Emergency see section 8. Avoid dust formation. Avoid breathing dust.

Procedures:

6.2 Environmental Precautions: If spilling or leakage occurs, contain and clean if safe to do so. Prevent from reaching drains, sewer, or waterways. Do not let product enter drains. Discharge into the environment must be avoided. Methods and materials for containment and cleaning up: Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal. Pick up and arrange disposal without creating dust. Sweep up and shovel.

6.3 Methods and Material For Containment and Cleaning Up: Personal precautions. Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation. Environmental precautions. If spilling or leakage occurs, contain and clean if safe to do so. Prevent from reaching drains, sewer, or waterways. Do not let product enter drains. Discharge into the environment must be avoided. Methods for cleaning up. Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal. Sweep up and shovel.

Section 7. Handling

7.1 Precautions to Be Taken in Handling: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. For precaution see section 2. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

7.2 Precautions to Be Taken in Storing: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in a dry place. Store in a cool, dry place, away from food, feed, clothing materials and living quarters. Whenever possible, place chemicals on secondary containers or diked area. Inspect all incoming containers before storage to ensure all are properly labeled and not damaged. Keep containers tightly closed when not in use. Moisture sensitive.

Section 8. Exposure Controls/Personal Protection

| 8.1 Exposure Parameters: | | | | |
|--------------------------|-----------------|--------------|---|-----------|
| CAS # | Chemical Name | Jurisdiction | Recommended Exposure Limits | Notations |
| 7664-38-2 | Phosphoric acid | ACGIH TLV | TLV: 1 mg/m ³ STEL: 3 mg/m ³ | |
| | | Austria | TWA: 1 mg/m ³ () STEL: 3 mg/m ³ () | |
| | | OSHA PELs | PEL: 1 mg/m ³ | |

8.2 Exposure Controls:

8.2.1 Engineering Controls (Ventilation etc.): Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

8.2.2 Personal protection equipment:

Eye Protection: Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses with side-shields conforming to EN166. Safety glasses.

Protective Gloves: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Full contact.

Other Protective Clothing: Complete suit protecting against chemicals. Choose body protection according to the amount and concentration of the dangerous substance at the work place. Impervious clothing.

Respiratory Equipment (Specify Type): Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

8.2.3 Environmental Exposure Controls: If spilling or leakage occurs, contain and clean if safe to do so. Prevent from reaching drains, sewer, or waterways. Do not let product enter drains. Discharge into the environment must be avoided.

Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

| | | | |
|-----------------------------------|------------------------------|--|--------------------------------|
| Physical States: | <input type="checkbox"/> Gas | <input checked="" type="checkbox"/> Liquid | <input type="checkbox"/> Solid |
| Appearance and Odor: | light green. | | |
| pH: | ~ 2.3 | | |
| Melting Point: | No data. | | |
| Boiling Point: | No data. | | |
| Flash Pt: | No data. | | |
| Evaporation Rate: | No data. | | |
| Flammability (solid, gas): | No data available. | | |
| Explosive Limits: | LEL: No data. | | UEL: No data. |

| | |
|--------------------------------------|---------------------|
| Vapor Pressure (vs. Air or mm Hg): | No data. |
| Vapor Density (vs. Air = 1): | No data. |
| Density: | ~ 11,62 LB/GA (R.U) |
| Solubility in Water: | No data. |
| Octanol/Water Partition Coefficient: | No data. |
| Autoignition Pt.: | No data. |
| Decomposition Temperature: | No data. |
| Viscosity: | No data. |
| Explosive Properties: | No data available. |
| Oxidizing Properties: | No data available. |
| 9.2 Other Information | |
| Percent Volatile: | No data. |

Section 10. Stability and Reactivity

- 10.1 Reactivity:** No data available.
- 10.2 Stability:** Unstable [] Stable [X]
- 10.3 Conditions to Avoid -** No data available.
- Hazardous Reactions:**
- Possibility of** Will occur [] Will not occur [X]
- Hazardous Reactions:**
- 10.4 Conditions to Avoid -** Avoid moisture. Exposure to moisture.
- Instability:**
- 10.5 Incompatibility -** No data available.
- Materials to Avoid:**
- 10.6 Hazardous Decomposition or Byproducts:** Other decomposition products: No data available. In the event of fire: see section 5.

Section 11. Toxicological Information

11.1 Information on Toxicological Effects

CAS# 7664-38-2: Phosphoric acid:

Acute toxicity, LD50, Oral, Rat, 1530. MG/KG. Result:

Behavioral: Somnolence (general depressed activity). Kidney, Ureter, Bladder:Hematuria.

Skin and Appendages: Other: Hair.

BIOFAX Industrial Bio-Test Laboratories, Inc., Data Sheets., Vol/p/yr: 17-4, 1970

Acute toxicity, LD50, Skin, Species: Rabbit, 2740. MG/KG. Result:

Behavioral: Somnolence (general depressed activity). Behavioral: Excitement.

CAS# 57-13-6: Urea:

Acute toxicity, LD50, Oral, Rat, 8471. MG/KG. Result:

Autonomic Nervous System: Other (direct) parasymphomimetic. Behavioral: Coma.

Gastrointestinal:Hypermotility, diarrhea.

Gigiena i Sanitariya, Mezhdunarodnaya Kniga, ul. B. Yakimanka, 39, 113095, Moscow 113095 Russia, Vol/p/yr: 51(6),8, 1986

11.2 Sensitization: no data available

11.3 Carcinogenicity/Other Information: 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. 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. 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. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. Mouse. Oral. Tumorigenic: Equivocal tumorigenic agent by RTECS criteria. Endocrine:Thyroid tumors.

11-4 Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Section 12. Ecological Information

12.1 Toxicity: No data available.

12.2 Persistence and Degradability: No data available.

12.3 Bioaccumulative Potential: No data available.

12.4 Mobility in Soil: No data available.

12.5 Results of PBT and vPvB assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

12.6 Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life. Toxic to aquatic life. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. No data available.

Section 13. Disposal Considerations

13.1 Waste Disposal

PRODUCT:

Method:

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator

equipped with an afterburner and scrubber. Contaminated packaging: Observe all federal, state, and local environmental regulations. Dispose of as unused product.

Section 14. Transport Information

14.1 LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated. Trade Name: N-PHOS ENHANCED

DOT Hazard Class:

UN/NA Number:

14.1 LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name:

UN Number:

Hazard Class:

14.2 MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated. Trade Name: N-PHOS ENHANCED

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated. Trade Name: N-PHOS ENHANCED

Section 15. Other Information

Revision Date: 01/02/2023

Additional Information About No data available.

This Product:

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