



DPT-002
Nutrient-Enriched dPOT Seedling Pots
Safety Data Sheet

According to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Revision Date: 29-06-22

Reason for Revision: Review Only

Section 1: Chemical Product and Company Identification

Product Name: Nutrient-Enriched Seedling Pots

Application: Commercial Product

Product Code: DPT-002

Contact Information:

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Section 2: Hazard Identification

Hazard Classification: NOT hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects: CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to lungs, upper respiratory tract. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 3: Composition and Information on Ingredients

Name	CAS	Proportion by Weight (%)
Calcium sulphate	13397-24-5	80-90
Magnesium hydroxide	1309-42-8	5-8
Potassium calcium sulphate	13780-13-7	1-5
Magnesium sulphate	7487-88-9	1-2
Iron (III) oxide	1309-37-1	0.1-0.5
Ammonium dihydrogen phosphate	7722-76-1	1-2

Section 4: First Aid Measures

Eye Contact: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

Skin Contact: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention.

Serious Skin Contact: Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation: Allow the victim to rest in a well-ventilated area. Seek immediate medical attention.

Serious Inhalation: Not available.

Ingestion: Loosen tight clothing such as a collar, tie, belt, or waistband. Give water to drink. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Not flammable.

Auto-Ignition Temperature: Not applicable.

Flash Points: Not applicable.

Flammable Limits: Not applicable.

Products of Combustion: Not applicable

Fire Hazards in Presence of Various Substances: Not applicable.

Explosion Hazards in Presence of Various Substances: Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions: Use extinguisher(s) suitable to fight surrounding fire. Fire fighters should wear a positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting.

Special Remarks on Fire Hazards: Under fire conditions toxic fumes may be released. Reaction or ignition can occur when in contact with interhalogens (e.g. bromine pentafluoride, chlorine trifluoride) and acids.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface.

Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface.

Section 7: Handling and Storage

Precautions: Avoid raising dust. Keep away from naked flames/heat. Observe normal hygiene standards. Keep container tightly closed.

Storage: Store in a dry area. Store at room temperature. Keep container in a well-ventilated place.

Section 8: Exposure Controls and Personal Protection

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of Large Spill: Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance: Brown pots

Odour: Odourless

Taste: Not available.

Molecular Weight: Not available.

Colour: Brown

pH (1% soln/water): Not available.

Boiling Point: Not available.

Melting Point: Not available.

Critical Temperature: Not available.

Specific Gravity: 1.25 (Water = 1)

Vapor Pressure: Not available.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: See solubility.

Solubility: Insoluble

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with Various Substances: Not available.

Corrosivity: Not available.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerisation: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Inhalation, Ingestion.

Toxicity to Animals: Not available

Chronic Effects on Humans: Inhalation of airborne dust may cause irritation to the mucous membrane and upper airways.

Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (permeator).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecological Toxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Not available

Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the Products of Biodegradation: Not available

Section 13: Disposal Considerations

Waste Disposal: Dispose of in accordance with all local, state, and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility.

Section 14: Transport Considerations

Special Provisions for Transport: Not applicable. NOT Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code).

Section 15: Other Information

Prepared By: dCORE Australia

Revision Date: 26-09-22

Version: 1, Rev. 1

Important Advice: This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace, including its use in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact dCORE Australia.