

1. Identification of the Substance/Preparation:

Product name: Pythoff Test Kit
Company: Flairform Products
Address: 3 Parkinson Lane, Kardinya, Western Australia 6163.
Telephone Number: (+61) 8 9314 7595
Fax Number: (+61) 8 9314 7595
Emergency Telephone Numbers: (+61) 8 9433 5875; 0411 297 030 (mobile)

2. Composition/information on ingredients

For determining optimum dose rate of Flairform's nutrient conditioner "Pythoff" only.

Chemical Name	CAS	Conc
NN- Diethyl-p-phenylenediamine sulphate ("DPD")	6283-63-2	<0.5%W/W
Inert ingredients		to 100%

3. Hazards identification

Swallowed: (The following applies to aromatic amines in general). Systemic effect: methaemoglobinaemia with headache, cardiac dysrhythmia, drop in blood pressure, dyspnoea, and spasms. Principal symptom: cyanosis (blue discoloration of the blood).

Eye: DPD produces an irritant effect.

Skin: DPD has an irritant effect. Risk of skin absorption and sensitisation.

Inhaled: DPD has an irritant effect.

4. First-aid measures

Swallowed: Wash out mouth thoroughly with water and give plenty of water to drink. Immediately summon doctor.

Eye: Irrigate eyes with gently flowing water for 15 minutes with eyelids held wide open. Take care not to rinse the contaminated water into the non affected eye. Immediately summon eye specialist.

Skin: Wash affected area with flowing water for at least 15 minutes while removing contaminated clothing. If irritation persists repeat the flushing for another 15 minutes.

Inhaled: Move victim to fresh air.

Advice to doctor: Treat symptomatically.

<p>5. Fire fighting measures</p> <p>Fire / Explosion: This product is not flammable.</p> <p>Flammability: Not flammable.</p> <p>Extinguishing Media: Use water spray, CO₂, foam, or dry chemical powder.</p>
<p>6. Accidental release measures</p> <p>Spills: Prevent from entering rivers, canals and other waterways. Sweep up and shovel or collect recoverable product into labeled containers for recycling or salvage. Recycle containers wherever possible. After spills, wash area, prevent runoff from entering drains. If material enters drains, dilute with excess water. Dispose only in compliance with local regulations. Launder all contaminated clothing before reuse.</p> <p>Disposal (After treatment above) Refer to waste management authority.</p>
<p>7. Handling and storage</p> <p>Always store in original container. Store below 25°C. Keep well closed and protected from direct sunlight and moisture (Do not mix with any other material).</p>
<p>8. Exposure controls/personal protection</p> <p>Generally not a hazard when handled properly and as instructed. However, as a precaution, if spillage is possible suitable personal protective equipment appropriate to the task should be worn.</p> <p>Respiratory protection: Dust respirator..</p> <p>Hand: Rubber PVC or other protective gloves should be used by persons prone to skin irritation.</p> <p>Eyes: Protective glasses should be used when using this product.</p> <p>Clothing: All skin areas should be covered.</p> <p>Remove contaminated clothing promptly. Discard or launder before rewearing. Wash hands thoroughly after handling this material.</p>
<p>9. Physical and chemical properties</p> <p>Appearance: Off white/brown powder.</p> <p>Melting Point: No data</p> <p>Boiling Point: No data</p> <p>Vapour Pressure: No data</p> <p>Specific Gravity: Not applicable</p> <p>Flashpoint: Not flammable</p> <p>Flammability Limits: Not flammable</p> <p>Solubility in Water: Miscible (<25g/litre)</p> <p>pH: Not applicable</p> <p>Corrosiveness: Non corrosive.</p>
<p>10. Stability and reactivity</p> <p>Stable under normal conditions.</p>

11. Toxicological information As no toxicity data on the mixture is available, only toxicity information on the individual constituents is provided: Toxicity Data for DPD: LD50 (oral, rat): 450mg/kg. For further information see Section 3 of this MSDS – “Hazards identification”.
12. Ecological information Prevent from entering rivers, canals and other waterways.
13. Disposal considerations Observe local legislation.
14. Transport information Not subject to ADR/IATA/IMDG codes.
15. Regulatory information Safety phrases: Nil Risk phrases: Nil
16. Other information Do not allow to enter drinking water supplies.

DISCLAIMER

This MSDS summarises 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 SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification of further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. All information is as accurate and up to date as possible.