

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name	Party Pool! Emerald Green
Use	Pool dye for swimming pools.
Product Code	Green-47016-12
Supplier	Paramount Pool Products Unit A Fosters Business park Old School Road Hook Hampshire RG27 9NY
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2. HAZARDS IDENTIFICATION

EC Classification Not classified as dangerous for supply/use.

Hazards

This product contains a surfactant that may cause foaming and, in very large amounts, may be toxic to aquatic life.

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT DESCRIPTION This product is primarily composed of water, propane-1,2-diol, a non-hazardous surfactant and a proprietary non-hazardous ingredient.

HAZARDOUS INGREDIENT(S)

Chemical Name:	CAS No.	EC No.	%W/W	Hazard Symbol	Risk Phrases
Propane-1,2-diol	57-55-6	200-338-0	0.5-1.4	None	Occupational Exposure Limits - See Section: 8

4. FIRST AID MEASURES

Ingestion	Low oral toxicity. May cause irritation. Do not induce vomiting. Provided the patient is conscious, wash out mouth with water and give 200-300 ml (half a pint) of water to drink. If symptoms persist, obtain medical attention.
Inhalation	Unlikely to be hazardous by inhalation. Remove persons affected by vapour to fresh air. If symptoms persist, obtain medical attention. Persons who have inhaled the fumes produced in a fire may not show immediate symptoms. Due to possible delayed effect of poisoning and for safety reasons, they should be kept under medical observation for at least 48 hours.

Skin Contact	Unlikely to cause skin irritation. Remove contaminated clothing immediately and wash affected skin with soap and water. If symptoms persist, obtain medical attention. Contaminated clothing should be thoroughly cleaned.
Eye Contact	May cause eye irritation. Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. After initial flushing, remove any contact lenses and continue flushing. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

General:	Non-flammable. Non-combustible. Heating of containers may cause pressure rise, with risk of bursting. Keep containers cool by spraying with water if exposed to fire. May give off toxic fumes in a fire. Including Carbon monoxide, Carbon dioxide , Nitrogen oxides and Hydrogen chloride . All of the water content of the product must have evaporated first for this to occur.
Extinguishing Media	Water spray, foam, dry powder or CO ₂ . As appropriate for surrounding fire.
Unsuitable Extinguishing Media	None.
Fire Fighting Protective Equipment	A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.
Other	Persons who have inhaled the fumes produced in a fire may not show immediate symptoms. Due to possible delayed effect of poisoning and for safety reasons, they should be kept under medical observation for at least 48 hours.

6. ACCIDENTAL RELEASE MEASURES

Personal Protection	Apron or other light protective clothing, boots and plastic or rubber gloves. Contaminated clothing should be thoroughly cleaned.
Methods for cleaning up	Provided it is safe to do so, isolate the source of the leak. Contain spillages with sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Wash the spillage area with water. Spillages or uncontrolled discharges into watercourses must be alerted to the Environment Agency or other appropriate regulatory body.

7. HANDLING AND STORAGE

HANDLING	Ensure adequate ventilation. Avoid contact with skin and eyes. Avoid inhalation of vapours.
Process Hazards	Do not allow to enter drains, sewers or watercourses.
STORAGE	Heating of containers may cause pressure rise, with risk of bursting. Keep only in the original container in a cool, well-ventilated place. Keep containers properly sealed when not in use. Do not allow material to freeze.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

General:	Ensure adequate ventilation. Wash hands and exposed skin after use. Contaminated clothing should be thoroughly cleaned. Do not eat, drink or smoke at the work place.
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**Respirators**

Not normally required.

**Eye Protection**

Goggles giving complete protection to eyes.

**Gloves**

Not normally required.

SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note:
Propane-1,2-diol (vapour and particulates)	57-55-6	150	474	-	-	EH40
Propane-1,2-diol (particulates)	57-55-6	-	10	-	-	EH40

9. PHYSICAL AND CHEMICAL PROPERTIES

pH (Value)	7 - 9
Form	Liquid.
Colour	Green. Opaque.
Odour	Slight.
Boiling Point (°C)	100 (212 °F)
Freezing Point (°C)	0 (32 °F)
Solubility (Water)	Dispersible in water.

10. STABILITY AND REACTIVITY

Stable under normal conditions.

Hazardous Reactions None anticipated.

Incompatible materials and conditions: Keep away from oxidising agents. For example chlorine, peroxides, chlorates, perchlorates, nitrates and permanganates.

Hazardous Decomposition Product(s) May give off toxic fumes in a fire. Including Carbon monoxide, Carbon dioxide, Nitrogen oxides and Hydrogen chloride. All of the water content of the product must have evaporated first for this to occur.

11. TOXICOLOGICAL INFORMATION

Inhalation Unlikely to be hazardous by inhalation.

Ingestion Low oral toxicity. May cause irritation. Possible symptoms: Nausea. Vomiting. Diarrhoea.

Toxicity data for propane-1,2-diol: LD₅₀ oral/rat >10 000 mg/kg

Skin Contact	Unlikely to cause harmful effects. Toxicity data for propane-1,2-diol: LD ₅₀ dermal/rabbit >20 000 mg/kg
Eye Contact	May cause eye irritation.
Long Term Exposure	Chronic effects are unlikely.

12. ECOLOGICAL INFORMATION

Avoid release to the environment.

The ecotoxicity of this product has not been evaluated. This environmental hazard assessment is based on information available on similar products.

Environmental Fate and Distribution	Based upon degradation studies of similarly formulated aqueous dispersions, it can be concluded that the ingredients are almost completely degraded, except for the pigment. As the pigment has very low solubility, it is believed to have minimal bioaccumulation and bioavailability characteristics.
Persistence and Degradation	Degradation products: Carbon monoxide, Carbon dioxide , Nitrogen oxides and Hydrogen chloride .
Toxicity	This product contains a surfactant that can cause foaming and, in very large amounts, may be toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS

Recommended:	Do not allow to enter drains, sewers or watercourses. Disposal should be in accordance with local, state or national legislation.
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14. TRANSPORT INFORMATION

Road/Rail

Not classified as dangerous for transport.

SEA

Not classified as dangerous for transport.

AIR

Not classified as dangerous for transport.

15. REGULATORY INFORMATION

Not classified as dangerous for supply/use.

16. OTHER INFORMATION

USE	Pool dye for swimming pools.
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Additional Information

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