

MATERIAL SAFETY DATA SHEET

SECTION 1--PRODUCT IDENTIFICATION AND USE				
PRODUCT IDENTIFIER > Brilliant Green Solution [1%]			CATALOGUE NUMBER: BB80	
MANUFACTURER'S NAME Dalynn Biologicals Inc.		SUPPLIER'S NAME Dalynn Biologicals Inc.		
STREET ADDRESS 3253 - 34 Avenue N.E.		STREET ADDRESS 3253 - 34 Avenue N.E.		
CITY Calgary	PROVINCE Alberta	CITY Calgary	PROVINCE Alberta	
POSTAL CODE T1Y 6X2	CHEMICAL EMERGENCY ONLY: 1-613-996-6666	POSTAL CODE T1Y 6X2	CHEMICAL EMERGENCY ONLY: 1-613-996-6666	
SECTION 2--HAZARDOUS INGREDIENTS				
HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD ₅₀ OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC ₅₀ OF INGREDIENT (SPECIFY INGREDIENT)
Brilliant Green	1.0	633-03-4	Oral - Rat 313 mg/kg	Not available
Water	99.0	7732-18-5	None	None
SECTION 3--PHYSICAL DATA				
PHYSICAL STATE Liquid	ODOUR AND APPEARANCE Green liquid with no odor			ODOUR THRESHOLD (ppm) Not available
VAPOUR PRESSURE (mmHg) Not available	VAPOUR DENSITY (AIR=1) Not Available	EVAPORATION RATE Not available	BOILING POINT (°C) Not available	FREEZING POINT (°C) Not available
PH 6.0 - 7.5	SPECIFIC GRAVITY Not available	COEFF. WATER/OIL DIST. Not available		
SECTION 4--FIRE AND EXPLOSION DATA				
FLAMMABLE YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF YES, UNDER WHICH CONDITIONS? > Non-flammable liquid				
MEANS OF EXTINCTION Water spray, carbon dioxide, dry chemical powder, alcohol or polymer foam.				
FLASHPOINT (°C) AND METHOD Not applicable		UPPER FLAMMABLE LIMIT (% BY VOLUME) Not applicable		LOWER FLAMMABLE LIMIT (% BY VOLUME) Not applicable
AUTOIGNITION TEMPERATURE (°C) Not applicable		HAZARDOUS COMBUSTION PRODUCTS Carbon dioxide, carbon monoxide, nitrogen oxides, sulfur oxides, ammonia		
EXPLOSION DATA > Not applicable		SENSITIVITY TO STATIC DISCHARGE Not applicable		
SECTION 5--REACTIVITY DATA				
CHEMICAL STABILITY YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF NO, UNDER WHICH CONDITIONS? >				
INCOMPATIBILITY WITH OTHER SUBSTANCES YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF SO, WHICH ONES? > Strong oxidizing and reducing agents				
REACTIVITY, AND UNDER WHAT CONDITIONS Not available				
HAZARDOUS DECOMPOSITION PRODUCTS Carbon dioxide, carbon monoxide, nitrogen oxides, sulfur oxides, ammonia				

PRODUCT IDENTIFIER >		Brilliant Green Solution [1%]	
SECTION 6--TOXICOLOGICAL PROPERTIES			
ROUTE OF ENTRY			
SKIN CONTACT	[X]	SKIN ABSORPTION	[X]
EYE CONTACT	[X]	INHALATION	[X]
INGESTION	[X]		
EFFECTS OF ACUTE EXPOSURE TO PRODUCT			
<p>May cause irritation to eyes or skin on contact. Symptoms include redness, itching, and pain. Harmful if swallowed or inhaled. Ingestion or inhalation may cause nausea, vomiting, headaches, dizziness, and GI irritation. No serious side effects are expected as 99% of this product is water.</p>			
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT			
<p>The chronic toxicity of this product has not been fully investigated.</p>			
EXPOSURE LIMITS	IRRITANCY OF PRODUCT	SENSITISATION TO PRODUCT	CARCINOGENICITY
Not available	Yes	Not available	No
TERATOGENICITY	REPRODUCTIVE TOXICITY	MUTAGENICITY	SYNERGISTIC PRODUCTS
No	No	No	Not available
SECTION 7--PREVENTIVE MEASURES			
PERSONAL PROTECTIVE EQUIPMENT:			
<p>Wear appropriate protective clothing including lab coat, gloves, and safety glasses.</p>			
ENGINEERING CONTROLS (SPECIFY, EG, VENTILATION, ENCLOSED PROCESS)			
<p>None needed.</p>			
LEAK AND SPILL PROCEDURE			
<p>Take up with an absorbent and containerize appropriately. Dispose of with regular waste.</p>			
WASTE DISPOSAL			
<p>According to local, provincial and federal regulations.</p>			
HANDLING PROCEDURES AND EQUIPMENT			
<p>Avoid direct and prolonged contact. Wash thoroughly after handling.</p>			
STORAGE REQUIREMENTS			
<p>Store as indicated.</p>			
SPECIAL SHIPPING INFORMATION			
<p>Non-hazardous for ground or air transport.</p>			
SECTION 8--FIRST AID MEASURES			
<p>In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes. In case of contact with skin, wash with soap and plenty of water. If inhaled, remove patient to fresh air and administer oxygen if breathing is difficult. If swallowed, do not induce vomiting, guard against aspiration into lungs. In all cases seek medical attention.</p>			
SECTION 9--PREPARATION OF MSDS			
PREPARED BY (GROUP, DEPT, ETC.)	PHONE NUMBER	DATE	
Technical Department Dalynn Biologicals Inc.	(403) 291-0067	2014 October	