

# MATERIAL SAFETY DATA SHEET

SECTION 1--PRODUCT IDENTIFICATION AND USE				
PRODUCT IDENTIFIER > <b>PYRIDOXAL DISKS</b>			CATALOGUE NUMBER: <b>DP96</b>	
MANUFACTURER'S NAME <b>Dalynn Biologicals Inc.</b>		SUPPLIER'S NAME <b>Dalynn Biologicals Inc.</b>		
STREET ADDRESS <b>3253 - 34 Avenue N.E.</b>		STREET ADDRESS <b>3253 - 34 Avenue N.E.</b>		
CITY <b>Calgary</b>	PROVINCE <b>Alberta</b>	CITY <b>Calgary</b>	PROVINCE <b>Alberta</b>	
POSTAL CODE <b>T1Y 6X2</b>	CHEMICAL EMERGENCY ONLY: <b>1-613-996-6666</b>	POSTAL CODE <b>T1Y 6X2</b>	CHEMICAL EMERGENCY ONLY: <b>1-613-996-6666</b>	
SECTION 2--HAZARDOUS INGREDIENTS				
HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC <sub>50</sub> OF INGREDIENT (SPECIFY INGREDIENT)
<b>Pyridoxal hydrochloride</b>	<b>100</b>	<b>65-22-5</b>	<b>Oral - Mouse 1800 mg/kg</b>	<b>Not available</b>
SECTION 3--PHYSICAL DATA				
PHYSICAL STATE <b>Solid</b>	ODOUR AND APPEARANCE <b>White paper disk with no odor</b>			ODOUR THRESHOLD (ppm) <b>Not available</b>
VAPOUR PRESSURE (mmHg) <b>Not available</b>	VAPOUR DENSITY (AIR=1) <b>Not available</b>	EVAPORATION RATE <b>Not available</b>	BOILING POINT (°C) <b>Not available</b>	FREEZING POINT (°C) <b>Not available</b>
pH <b>Not available</b>	SPECIFIC GRAVITY <b>Not available</b>	COEFF. WATER/OIL DIST. <b>Not available</b>		
SECTION 4--FIRE AND EXPLOSION DATA				
FLAMMABLE				
YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF YES, UNDER WHICH CONDITIONS? > <b>Open flame or sparks</b>				
MEANS OF EXTINCTION <b>Carbon dioxide, water, dry chemical powder or appropriate foam</b>				
FLASHPOINT (°C) AND METHOD <b>Not available</b>		UPPER FLAMMABLE LIMIT (% BY VOLUME) <b>Not available</b>	LOWER FLAMMABLE LIMIT (% BY VOLUME) <b>Not available</b>	
AUTOIGNITION TEMPERATURE (°C) <b>Not available</b>		HAZARDOUS COMBUSTION PRODUCTS <b>Carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen chloride gas</b>		
EXPLOSION DATA >	SENSITIVITY TO IMPACT <b>Not available</b>		SENSITIVITY TO STATIC DISCHARGE <b>Not available</b>	
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? > <b>Strong oxidizing agents, strong reducing agents, strong bases</b>				
REACTIVITY, AND UNDER WHAT CONDITIONS <b>Not available</b>				
HAZARDOUS DECOMPOSITION PRODUCTS <b>Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen chloride gas</b>				

PRODUCT		<b>PYRIDOXAL DISKS</b>	
IDENTIFIER >			
<b>SECTION 6—TOXICOLOGICAL PROPERTIES</b>			
ROUTE OF ENTRY			
SKIN CONTACT	[X]	SKIN ABSORPTION	[X]
EYE CONTACT	[X]	INHALATION	[ ]
INGESTION	[X]		
EFFECTS OF ACUTE EXPOSURE TO PRODUCT			
<b>May cause eye and skin irritation on contact. Maybe irritating to mucous membranes if ingested although no serious effects are expected due to the small amount of chemical contained on the disk.</b>			
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT			
<b>The chronic toxicological properties of this product have not been thoroughly investigated.</b>			
EXPOSURE LIMITS	IRRITANCY OF PRODUCT	SENSITISATION TO PRODUCT	CARCINOGENICITY
Not available	Yes	Not available	Not available
TERATOGENICITY	REPRODUCTIVE TOXICITY	MUTAGENICITY	SYNERGISTIC PRODUCTS
Not available	Not available	Not available	Not available
<b>SECTION 7—PREVENTIVE MEASURES</b>			
PERSONAL PROTECTIVE EQUIPMENT:			
<b>Wear appropriate protective clothing: Lab coat, gloves, and safety glasses</b>			
ENGINEERING CONTROLS (SPECIFY, EG, VENTILATION, ENCLOSED PROCESS)			
<b>Local exhaust</b>			
LEAK AND SPILL PROCEDURE			
<b>Pick up disks wearing gloves and containerize appropriately. Discard with regular waste.</b>			
WASTE DISPOSAL			
<b>Inoculated disks should be autoclaved at 121°C for 30 minutes prior to disposal. Unused disks can be discarded with regular waste.</b>			
HANDLING PROCEDURES AND EQUIPMENT			
<b>Avoid direct contact. Wash thoroughly after handling.</b>			
STORAGE REQUIREMENTS			
<b>Store frozen.</b>			
SPECIAL SHIPPING INFORMATION			
<b>None.</b>			
<b>SECTION 8—FIRST AID MEASURES</b>			
<b>In case of contact with eyes, rinse immediately with copious amounts of water for at least 15 minutes.</b>			
<b>In case of contact with skin, wash with soap and plenty of water.</b>			
<b>If swallowed, wash mouth out with water.</b>			
<b>Seek medical attention if feeling unwell.</b>			
<b>SECTION 9—PREPARATION OF MSDS</b>			
PREPARED BY (GROUP, DEPT, ETC.)	PHONE NUMBER	DATE	
Technical Department Dalynn Biologicals Inc.	(403) 291-0067	2014 October	