

MATERIAL SAFETY DATA SHEET

SECTION 1--PRODUCT IDENTIFICATION AND USE				
PRODUCT IDENTIFIER > Acetone			CATALOGUE NUMBER: BA20	
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)
Acetone	100	67-64-1	Oral - Mus 3,000 mg/kg	Inh - Rat 64,000 ppm/4H
SECTION 3--PHYSICAL DATA				
PHYSICAL STATE Liquid	ODOUR AND APPEARANCE Clear, colorless volatile liquid with a sweetish odor.			ODOUR THRESHOLD (ppm) Not available
VAPOUR PRESSURE (mmHg) >181 mm Hg @ 20°C	VAPOUR DENSITY (AIR=1) 2.0	EVAPORATION RATE 5.6 (n-butyl acetate=1)	BOILING POINT (°C) 57°C	FREEZING POINT (°C) -94°C
PH Not available	SPECIFIC GRAVITY Not available	COEFF. WATER/OIL DIST. Not available		
SECTION 4--FIRE AND EXPLOSION DATA				
FLAMMABLE YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF YES, UNDER WHICH CONDITIONS? > Extremely flammable. Autoignition at 465°C. Sensitive to static discharge.				
MEANS OF EXTINCTION Carbon dioxide, dry chemical powder, alcohol or polymer foam. Water spray, however it may cause frothing.				
FLASHPOINT (°C) AND METHOD -18°C		UPPER FLAMMABLE LIMIT (% BY VOLUME) LEL 2.5%	LOWER FLAMMABLE LIMIT (% BY VOLUME) Not available	
AUTOIGNITION TEMPERATURE (°C) Not available		HAZARDOUS COMBUSTION PRODUCTS Oxides of carbon		
EXPLOSION DATA >	SENSITIVITY TO IMPACT Not available		SENSITIVITY TO STATIC DISCHARGE Not available	
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? > May react violently or explosively with oxidizing agents, acids, bases, chromic anhydride, hexachloromelamine, trichloromelamine, chlorinated solvents/alkali mixtures, sulfur dichloride, potassium-tert-butoxide, reducing agents				
REACTIVITY, AND UNDER WHAT CONDITIONS Not available				
HAZARDOUS DECOMPOSITION PRODUCTS Not available				

PRODUCT Acetone IDENTIFIER >			
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 Skin: May cause irritation, drying, and chaffing on contact. Eye: May cause irritation with redness and pain. May cause permanent damage to the eye. Inhalation: May cause respiratory tract inflammation, and symptoms may include headache, nausea, dizziness, weakness, coughing, incoordination, and CNS depression. Ingestion: Causes GI disturbances, nausea, and vomiting. Possible kidney damage. Acetone swallowed or absorbed in sufficient quantity can cause death.			
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT Defatting dermatitis with prolonged use. Chronic toxicity of this substance has not been fully investigated.			
EXPOSURE LIMITS	IRRITANCY OF PRODUCT	SENSITISATION TO PRODUCT	CARCINOGENICITY
Not available	Not available	Not available	Not available
TERATOGENICITY	REPRODUCTIVE TOXICITY	MUTAGENICITY	SYNERGISTIC PRODUCTS
Not available	Not available	Not available	Not available
SECTION 7--PREVENTIVE MEASURES			
PERSONAL PROTECTIVE EQUIPMENT: Wear appropriate protective clothing: Lab coat, safety glasses, and gloves			
ENGINEERING CONTROLS (SPECIFY, EG, VENTILATION, ENCLOSED PROCESS) Local exhaust			
LEAK AND SPILL PROCEDURE Take up with an absorbent and containerize appropriately.			
WASTE DISPOSAL According to local, provincial and federal regulations			
HANDLING PROCEDURES AND EQUIPMENT Avoid direct contact. Wash thoroughly after handling.			
STORAGE REQUIREMENTS Store in a cool place away from heated areas, sparks and flame.			
SPECIAL SHIPPING INFORMATION Double pack in isolated container.			
SECTION 8--FIRST AID MEASURES			
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.			
SECTION 9--PREPARATION OF MSDS			
PREPARED BY (GROUP, DEPT, ETC.)	PHONE NUMBER	DATE	
Technical Department Dalynn Biologicals Inc.	(403) 291-0067	2014 October	