

SECTION 1 - MATERIAL IDENTIFICATION AND USE				Controlled Product Yes <input type="checkbox"/> No <input type="checkbox"/>		Flammability		Reactivity	
Material Name DELLA-SPARKLE POWDER				Product Identification Number				Health	
Manufacturer's Name DeLaval Inc.				Supplier's Name				Personal Protection	
Street Address 2020 FISHER DRIVE				Street Address					
City PETERBOROUGH		Province ONTARIO		City		Province			
Postal Code K9J 7B7		Emergency Telephone No. (613)996-6666		Postal Code		Emergency Telephone No.			
Chemical Name		Chemical Family				Chemical Formula			
Molecular Weight		Trade Name and Synonyms				Material Use			

SECTION 2 - HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	Approximate Concentration %	C.A.S. N.A. or U.N. Numbers	"Exposure Limits"	LD ₅₀ /LC ₅₀ Specify Species and Route
SODIUM CARBONATE SODIUM SILICATE DICHOROISOCYANURIC ACID, SODIUM SALT	15-40 5-10 1-5	497-19-8 1344-09-8 2893-78-9		ORAL-RAT 2800mg/kg N/A ORAL-RAT 1400mg/kg

SECTION 3 - PHYSICAL DATA FOR MATERIAL

Physical State Gas Liquid Powder x	Odour and Appearance CHLORINE		Odour Threshold(ppm)	Specific Gravity
Vapour Pressure (mm)	Vapour Density (Air = 1) N/A	Evaporation Rate	Boiling Point (°C) N/A	Freezing Point (°C) N/A
Solubility in Water (2°C) SOLUBLE	% Volatile (by volume)	pH 10.5-11.1(1% solution)	N/A	Coefficient of water/oil distribution

SECTION 4 - FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability If yes, under which condition Yes No x			
Means of Extinction Water, CO₂, dry powder, foam			
Special Procedures IN CASE OF FIRE, USE RECOMMENDED EQUIPMENT INCLUDING A SELF CONTAINED BREATHING APPARATUS			
Flashpoint (°C) and Method	Upper explosion limit (% by volume)	Lower explosion limit (% by volume)	
Auto Ignition Temperature (°C)		Hazardous Combustion Products CHLORINE,OXIDES OF CARBON	
Explosion Data Sensitivity to Mechanical Impact	Rate of Burning	Explosive Power	Sensitivity to Static Discharge

SECTION 5 - REACTIVITY DATA

Chemical Stability If no, under which conditions? Yes x No	
Incompatibility to other substances Yes x No	If so, which ones? STRONG ACIDS, ALUMINUM, FLUORINE GAS, LITHIUM, AMMONIA, TOILET BOWL CLEANER, RUST REMOVER
Reactivity and under what conditions STABLE AT AMBIENT CONDITIONS. AVOID CONTACT WITH STRONG ACID;	
Hazardous Decomposition Products CHLORINE AT HIGH TEMPERATURES; OXIDES OF CARBON ON BURNING	

Material Name / identifier DELLA-SPARKLE POWDER			
SECTION 6 - TOXICOLOGICAL PROPERTIES OF PRODUCT			
Route of Entry <input checked="" type="checkbox"/> Skin Contact Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation Acute Inhalation Chronic <input checked="" type="checkbox"/> Ingestion			
Effects of Acute Exposure to Product			
Effects of Chronic Exposure to Product MAY CAUSE NAUSEA, VOMITING, DIARRHEA & IRRITATION TO DIGESTIVE TRAC			
LD ₅₀ of Product (Specify Species and Route) ORAL-RAT 1400 mg/kg	Irritancy of Product		Exposure limits of Product
LC ₅₀ of Product (Specify Species) 2300 mg/m ³ /2hrs (inhalation, rat)	Sensitization to Product		Synergistic materials
Carcinogenicity Reproductive effects Teratogenicity Mutagenicity			
SECTION 7 - PREVENTIVE MEASURES			
Personal Protective Equipment			
Gloves (Specify) GLOVES	Respiratory (Specify) N/A	Eye (Specify) SAFETY GLASSES	Footwear (Specify) N/A
Clothing (Specify) N/A	Other (Specify) NONE		
Engineering Controls (e.g. ventilation, enclosed process, specify) NORMAL VENTILATION			
Leak and Spill Procedure SHOVEL OR SWEEP INTO SUITABLE CONTAINERS. WASH RESIDUE WITH PLENTY OF WATE			
Waste Disposal DISPOSE IN ACCORDANCE WITH ENVIRONMENTAL REGULATION			
Handling Procedures and Equipment			
Storage Requirements KEEP CONTAINERS CLOSED IN A DRY AND COOL PLACI			
Special Shipping Information			
SECTION 8 - FIRST AID MEASURES			
Skin IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHIN UNDER RUNNING WATER			
Eye FLUSH WITH WATER FOR AT LEAST 15 MINUTES HOLDING EYELID OPEN. OBTAIN MEDICAL ATTENTIO			
Inhalation REMOVE TO FRESH AIR			
Ingestion DO NOT INDUCE VOMITING. IF CONSCIOUS, HAVE VICTIM DRINK PLENTY OF MILK OR WATER. OBTAI MEDICAL ATTENTION IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON			
General advice AVOID CONTACT WITH EYES,SKIN AND CLOTHING. AVOID BREATHING DUSTS. DO NOT INGEST. DO NC MIX WITH 'TOILET' BOWL CLEANER, RUST REMOVER,HOUSEHOLD AMMONIA OR ACID'			
SECTION 9 - PREPARATION DATE OF M.S.D.S.			
Additional Information			
Sources Used			
Prepared by: Product Manager, Chemicals	Phone number (705)741-3133	Date 6.16.09	