

SECTION 1 – Product Information

Product Identifier ULANO® DEVELOPER POWDER A		[WHMIS Classification]	
Product Use Developer for Indirect Screen Printing Film.			
Manufacturer's name ULANO CORPORATION		Supplier's Name Screentec Corporation	
Street Address 110 Third Avenue		Street Address 930 Westport Crescent	
City Brooklyn	State NY	City Mississauga	Province Ontario
ZIP Code 11217	Emergency Telephone 1-703-527 3887 (reverse-charge calls accepted)	Postal code L5T 1G1	Emergency Telephone 905-670-7042

SECTION 2 – Hazardous Ingredients

Hazardous Ingredients	%	CAS Number	LD ₅₀ of ingredient (specify species and route)	LC ₅₀ of Ingredient (specify species)
Citric Acid, Anhydrous	100	77-29-9	LD50,LC50 Mixture Orl-rat LD50 11,700 mg/kg	U/AV

SECTION 3 – Physical Data

Physical State Powder	Odour and Appearance None		Odour Threshold (ppm) N/AV
Specific Gravity N/AP	Vapour Density (air=1) N/AP	Vapour Pressure (mmHg) N/AP	Evaporation Rate N/AP
Boiling Point (°C) N/AP	Freezing Point (°C) N/AP	PH in water 2.2 (0.1N sol.)	Coefficient of Water/Oil Distribution 60g/100ml @ 20°C (anhydrous)

SECTION 4 – Fire and Explosion Data

Flammability <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, under which conditions? N/AP		
Means of Extinction Water spray, dry chemical, alcohol foam or carbon dioxide.			
Flashpoint (°C) and Method N/AP	Upper Flammable Limit (% by volume) N/AP	Lower Flammable Limit (% by volume) N/AP	
Autoignition Temperature (°C) 1011°C	Explosion Data - Sensitivity to Impact N/AP	Explosion Data – Sensitivity to Static Discharge N/AP	
Hazardous Combustion Products N/AV			

SECTION 5 – Reactivity Data

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions? N/AP		
Incompatibility with Other Substances <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, which ones? Metal nitrates (potentially explosive reaction), alkali carbonates and bicarbonates.		
Reactivity, and Under what Conditions? Not known to be reactive			
Hazardous Decomposition Products None Known			

SECTION 6 – Toxicological Properties

Routes of Entry <input checked="" type="checkbox"/> Skin contact <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye contact <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion	
Effects of Acute Exposure to Product Acute Eye: Highly irritating; may also be abrasive. Acute Skin: Can cause irritation to skin. Acute Inhalation: Can cause irritation to respiratory tract. Symptoms may include coughing and shortness of breath. Acute Ingestion: Causes irritation to gastrointestinal tract. Symptoms may include nausea, vomiting and diarrhea. Extremely large oral dosages may product gastrointestinal disturbances.	
Effects of Chronic Exposure to Product Chronic or heavy acute ingestion may cause tooth enamel erosion.	
Exposure Limits (<i>value, source, date</i>) N/AV	Irritancy (<i>if yes, explain</i>) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No may irritate eyes and gastrointestinal tract.
Sensitization (<i>if yes, explain</i>) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Carcinogenicity (<i>if yes, explain</i>) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Reproductive Toxicity (<i>if yes, explain</i>) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Teratogenicity (<i>if yes, explain</i>) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mutagenicity (<i>if yes, explain</i>) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Synergistic Products (<i>if yes, explain</i>) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SECTION 7 – Preventive Measures

Personal Protective Equipment <input checked="" type="checkbox"/> Gloves <input type="checkbox"/> Respirator <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Footwear <input checked="" type="checkbox"/> Clothing <input type="checkbox"/> Other	
If checked, specify type Wear impervious clothing, gloves and chemical safety glasses.	
Engineering Controls (<i>specify, such as ventilation, enclosed process</i>) N/AP	
Leak and Spill Procedure Ventilate area of spills. Sweep up and containerize for reclaim or disposal. Caution, reacts with water to give oxygen and strong alkali.	
Waste disposal Where possible, recycling is preferred to disposal or incineration. Dispose of container and unused contents in accordance with federal, state and local regulations.	
Handling Procedure and Equipment Keep in a tightly closed container, store in a cool dry, ventilated area. Avoid high humidity and temperatures above 32°C (90°F).	
Storage Requirements Store in a cool dry area.	
Special Shipping Information Not classified as dangerous in the meaning of transport regulations.	PIN N/AP

SECTION 8 – First Aide Measures

Inhalation Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, administer artificial respiration.
Ingestion Induce vomiting immediately as directed by medical personnel. Call a physician. Never give anything by mouth to an unconscious person.
Skin Contact Wash with soap and plenty of water for at least 15 minutes while removing contaminated clothing. Seek medical attention.
Eye contact Rinse immediately with copious amounts of water, including under the eyelids. Seek medical attention immediately.

SECTION 9 – Preparation Information

Prepared by Ulano Corporation	Telephone Number 718-237-4700	Preparation Date February 5, 2008
----------------------------------	----------------------------------	--------------------------------------