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# MATERIAL SAFETY DATA SHEET

SECTION I - Identification				
	Date : June, 2		Date : June, 2001	
Product Name, "ARISTA" PREMIUM FILM DEVELOPER		,	MSI	DS#:
Chemical Family : Aqueous Alkalir Medical Emergency Telephone : Transportation Emergency Teleph	REC <sup>®</sup> 1 (800) 424 9300 Revision Date:			
SECTION II - Hazardous Compo	nents (Typical Values)		······	
INGREDIENTS	CAS NO.	WT%	ACGIH(TLV)	OSHA(PEL)
Potassium Metabisulfite	16731-55-8	5-8	2 ppm	5 ppm
Potassium Hydroxide	1310-58-3	2-5	_ 2 mg/m <sup>3</sup>	None
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SECTION III - Physical / Chemica				
Boiling Point	: > 212°F		n Water (by Weight)	: 100%
Melting Point	: Not Applicable	1 ·	ravity (H <sub>2</sub> 0 = 1)	: 1,180
Vapor Pressure	: Same as water	1 .	e Vapor Pressure	: Not Applicable
Vapor Density (AIR = 1)	: Same as water	pH		: 9.70 : Clear, pale strawcolor
Evaporation Rate	: Same as water	Appearant Odor	Ce	; None
Volatile Fraction by Weight	: Same as water : Not Applicable			, ((0))0
Volatile Organic Compound		<u> </u>		
SECTION IV - Fire and Explosion	: Not flammable			
Flash Point Flammable Limits in Air	: Lower ; None	U	pper: Non	9
Extinguishing Media	: Any extinguishing	media applic	able to surrounding a	area.
Special Fire Fighting Procedures	: Evacuate personi	nel to safe are	a. Keep personnel	removed and upwind of fire.
,	Wear self-contain			
		ed Dieganng	apparatus.	
Unusual Fire and Explosion Haza	rds : When heated to o	iecomposition	apparatus. I emission of toxic fu	mes of SO <sub>2</sub> are possible.
Unusual Fire and Explosion Hazard SECTION V - Health Hazard Dat	rds : When heated to o	iecomposition	emission of toxic fu	mes of SO <sub>2</sub> are possible.
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# Product Name: ARISTA PREMIUM FILM DEVELOPER

#### SECTION VI - Reactivity Data

Stability	
Incompatibility	
Hazardous Decomposition Products	
Hazardous Polymerization	

: Stable. ; Strong mineral acids. : Sulfur dioxide fumes. : Will not occur.

# SECTION VII - Disposal Information

#### Spili, Leak or Release

NOTE: Review Section IV and VIII before proceeding with clean up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up. Dike spill. Prevent liquid from entering sewers, waterways or low areas. Soak up with sand, oll dry or other absorbent material. Spill may be neutralized with Citric Acid.

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#### Waste Disposal

Recover non-usable free liquid and/or contaminated water, and dispose of in an approved and permitted treatment system. Remove non-usable solid material and/or contaminated soil, for disposal in an approved and permitted landfill. Discharge to sewer requires approval of permitting authority and may require pre-treatment.

#### SECTION VIII - Special Protection Information

A. Respiratory Protection : Sufficient room ventilation.

B. Skin and Eye Protection : Splash protection is suggested, e.g., eyeglasses with slide shields, gloves and aprons.

# SECTION IX - Storage Conditions

Store in well ventilated area. Keep container tightly closed. Do not store with incompatible materials (See Section VI). Do not store or consume food, drink or tobacco in area where they may become contaminated with this material.

# SECTION X - Hazardous Transportation Regulations

NON REGULATED

# SECTION XI - Hazard Communication

0 = Insignificant	HEALTH	= 1
1 = Slight	FLAMMABILITY	= 0
2 = Moderate	REACTIVITY	= 0
3 ≠ High	SPECIAL	= 0
4 = Extreme		

# SECTION XII - TSCA Information

TSCA Listing : All ingredients in this finished products are listed on the EPA TSCA inventory (See Section II).

# SECTION XIII - Federal EPA - SARA Title III Notification

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (FOR SARA 313).

Components present in this product at a level which could require reporting under the statute are:				
Chemical	CAS #	Upperbound Concentration - %		
Hydroquinone	123-31-9	3		

This information is furnished without warranty, expressed or implied, except that it is accurate to the best of the knowledge of Clayton Chemical Company. The data on this sheet relates only to the specific meterial designated herein and does not relate to use in combination with any other material or any process. Clayton Chemical Company assumes no legal responsibility for use or reliance upon this data. The information herein is provided solely for your consideration, investigation and verification.

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June, 2001