

MATERIAL SAFETY DATA SHEET

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SECTION I - Identification						
				Date : September 30, 2000		
Product Name: RA66 DEVELOP	ER		MSI	DS # : 61 31XX		
Chemical Family : Aqueous Alkalin Medical Emergency Telephone : Transportation Emergency Telepho	(708) 640 4800	-REC [®] 1 (80	0) 424 9300	Revision Date: 3/22/02		
SECTION II - Hazardous Compor	SECTION II - Hazardous Components (Typical Values)					
INGREDIENTS	CAS NO.	WT%	ACGIH(TLV)	OSHA(PEL)		
Potassium Hydroxide	1310-58-3	5-7	2 mg/m^3	None		
Sodium Bisulfite	7681-57-4	2-4	5 mg/m ³	5 mg/m^3		
Hydroquinone	123-31-9	1-3	2 mg/m ³	2 mg/m ³		
SECTION III - Physical / Chemica	al Data					
Boiling Point						
Melting Point	: Not Applicable		Specific Gravity ($H_20 = 1$) : 1.140			
Vapor Pressure	: Same as water	Composit	e Vapor Pressure	: Not Applicable		
Vapor Density (AIR = 1)	: Same as water	pH		: 10.50		
Evaporation Rate	: Same as water	Appearance		: Clear, pale straw color.		
Volatile Fraction by Weight	: Same as water	Odor		: None.		
Volatile Organic Compound	: Not Applicable					
SECTION IV - Fire and Explosion						
Flash Point Flammable Limits in Air	: Not flammable : Lower : None		pper: None			
Extinguishing Media						
Special Fire Fighting Procedures						
	Wear self-contain			-		
Unusual Fire and Explosion Hazar	ds : When heated to d	ecomposition	, emission of toxic fur	mes are possible.		
SECTION V - Health Hazard Data			S			
A. Acute Exposure Effects (Note:						
- Eye contact - Skin contact	: May cause irritatio		rais reaction			
- Skill contact - Inhalation	-	kin irritation or allergic reaction. mist could cause respiratory irritation.				
- Ingestion			membranes or digest	tive tract		
B. First Aid (Applies to finished F						
- Eyes						
	- Skin : Flush affected areas promptly with water for 15 minutes. Remove contaminated					
- Skin			rritation, consult a ph			
-Inhalation	: For over-exposure		•	ysiciali.		
- Ingestion	•			immediate medical attention.		
C. Chronic Health Effects (Note:			-			
Hydroquinone:						
				onic over-exposure can cause		
	loration and corneal op		/es.			
	- Toxicity Data: Oral-Human LDLO: 29 mg/kg. Oral-Rat LD50: 320 mg/kg.					
	ents in Section II					
- A computerized literature search of national databases did not yield any chronic effects associated with						
these materials. - Carcinogenicity	Listing: NTP = I	No	IAR = No	OSHA = No		
-						

SECTION VI - Reactivity Data

Stability		
Incompatibility		
Hazardous Decomposition Products		
Hazardous Polymerization		

Stable.Strong acids, oxidizers.With strong acids, sulfur dioxide gas.

: Will not occur.

SECTION VII - Disposal Information

Spill, 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, oil dry or other absorbent material. Spill may be neutralized with Citric Acid.

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 side shields, gloves and aprons.

SECTION IX - Storage Conditions

Store in a 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 an 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	
4 = Extreme		

SECTION XII - TSCA Information

TSCA Listing : All ingredients in this finished product 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	2		

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