

MATERIAL SAFETY DATA SHEET

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SECTION I - Identification

			Da	ate : September 30, 2000	
Product Name: RA22 FIXER			MSDS	S#: 62 61XX	
Chemical Family : Aqueous Acidic So Medical Emergency Telephone : Transportation Emergency Telephone	(708) 640 4800	REC [®] 1 (800)) 424 9300 F	Revision Date: 3/22/02	
SECTION II - Hazardous Componen	ts (Typical Values)				
INGREDIENTS	CAS NO.	WT%	ACGIH(TLV)	OSHA(PEL)	
Ammonium Thiosulfate Ammonium Thiocyanate Acetic Acid	7783-18-8 1762-95-4 64-19-7	15-20 6-8 1-2	None None 10 ppm	None None 10 ppm	
SECTION III - Physical / Chemical D	ata				
Boiling Point Melting Point Vapor Pressure Vapor Density (AIR = 1) Evaporation Rate Volatile Fraction by Weight Volatile Organic Compound	: > 212°F : Not Applicable : Same as water : Not Applicable	Specific Gr	n Water (by Weight) avity (H ₂ 0 = 1) Vapor Pressure e	: 100% : 1.150 : Not Applicable : 4.80 : Clear and colorless : Vinegar odor	
SECTION IV - Fire and Explosion Ha	azard Data				
	: Any extinguishing media applicable to the surrounding area.				
SECTION V - Health Hazard Data / S	SARA - Title III Haza	rd Categorie	S		
 A. Acute Exposure Effects (Note: per - Eye contact Skin contact Inhalation Ingestion B. First Aid (Applies to finished Pro 	 May cause irritation and burns. May cause skin irritation. Normally not a problem, but inhalation of mist could cause respiratory irritation. May cause irritation of mucous membranes or digestive tract. oduct) 				
- Eyes - Skin	medical attention.			east 15 minutes. Obtain es. Remove contaminated	
-Inhalation - Ingestion	: For over-exposure			nmediate medical attention.	

SECTION VI - Reactivity Data

Stability	: Stable.
Incompatibility	: Strong acids and strong alkalies.
Hazardous Decomposition Products Hazardous Polymerization	: With acids - sulfur dioxide gas. With alkalies - ammonia gas. : Will not occur.
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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 Sodium Carbonate.

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 - %

*** NONE ***

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