



Material Safety Data Sheet

Product Identification	60:60 RINSE: APF SOLUTION, PART A
Manufacturer Pascal Company, Inc. P.O. Box 1478 Bellevue, Washington 98009-1478 Phone Number (for information): 1-425-827-4694 Emergency Phone Number: 1-425-827-4694 Fax Number: 1-425-827-6893	MSDS Number* CAS Number* -0- Date Prepared January 18, 2002

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION				
Components - Chemical Name & Common Names (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	%*	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
No Hazardous Components In Concentration Greater Than 1% Non-Hazardous Ingredients TOTAL	100			

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS	
Boiling Point 200°F Vapor Pressure (mm Hg and Temperature) N/A Vapor Density (AIR=1) N/A Solubility in Water: Miscible Appearance and Odor: Liquid With Color And Odor Of Stated Flavor.	Specific Gravity (H ₂ O=1) 1 Melting Point N/A Evaporation Rate (_____ - 1) N/A Water Reactive N/A

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA				
Flash Point and Method Used :N/A	Auto-ignition Temperature	Flammability Limits in Air % by Volume N/A	LEL N/A	UEL N/A
Extinguisher Media: Use Extinguishing Media Appropriate For Surrounding Fire. Special Fire Fighting Procedures: Proper Protective Equipment And self-contained Breathing Apparatus. Unusual Fire and Explosive Hazards: Toxic Gases Produced: Hydrogen Fluoride				

SECTION 4 - REACTIVITY HAZARD DATA	
Stability: Stable Incompatibility (Materials to Avoid): Strong Acids Hazardous Decomposition Products: Hydrogen Fluoride Hazardous Polymerization: Will Not Occur	Conditions to Avoid: Heat Conditions to Avoid: None

SECTION 5 - HEALTH HAZARD DATA	
Primary Routes of Entry Skin Absorption	Inhalation- No Ingestion-Yes Carcinogen Listed In NTP - NO OSHA - NO Not Hazardous IARC Monograph - NO Not Listed
Health Hazards (Acute and Chronic) Contact With Skin Or Eyes May Cause Severe Irritation Or Burns. Ingestion May Cause Nausea, Vomiting, Headaches, Dizziness. & Gas. Irritation. Signs and Symptoms of Exposure: Ingestion May Cause Irritation And Burning To Mouth And Stomach. Prolonged Exposure May Increase Bone Density, Stimulate New Bone Growth, Or Cause Calcium Deposits In Ligaments. Mottling Of Tooth Enamel may Occur. Medical Conditions Generally Aggravated by Exposure: None Observed	

Emergency and First Aid Procedures: Seek medical assistance for further treatment, observation and support if necessary. Eye Contact: Flush With Water. Skin contact: Wash Well With Water.	Inhalation: N/A Ingestion: If Swallowed In Large Quantities, Immediately Induce Vomiting. Give At Least 8 Oz. Of Milk And Seek Medical Help.
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SECTION 6 - CONTROL AND PROTECTIVE MEASURES				
Respiratory Protection (Specify Type) None Required Where Adequate Ventilation Conditions Exist.				
Protective Gloves: Recommended		Eye Protection: Safety Goggles Recommended		
Ventilation To Be Used	Local Exhaust	N/A	Mechanical (general)	N/A
Other (Specify): N/A	Hygienic Work Practices: N/A	Other Protective Clothing And Equipment: Uniform, Apron		

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES				
Steps to be Taken if Material is Spilled Or Released: Flush Area With Flooding Amounts Of Water.				
Waste Disposal Methods: Dispose Of In Accordance With All Applicable Federal, State And Local Environmental Regulations.				
Precautions to be Taken in Handling and Storage: Do Not Store In Glass. Sodium Fluoride Reacts With Acids To Form Hydrogen Fluoride Which Is Highly Corrosive And Poisonous. Keep Away From Strong Acids.				
Other Precautions and/or Special Hazards:				

NFPA	HMIS
Rating* Health __ Flammability __ Reactivity __	Rating* Health <u>1</u> Flammability <u>0</u> Reactivity <u>0</u> Personal Protection <u>A</u>
Special	

*Optional