

Materials Safety Data Sheet

April 1, 2009

I. General Information				
Chemical Name and Synonyms Proprietary Mixture		Trade Name & Synonyms R-97		
Chemical Family Fluorine Emulsion		Formula Emulation		
Proper DOT Shipping Name Not Regulated		DOT Hazard Classification N/A		
Manufactured for: K&E Chemical Company		Information Phone Number (410) 782-9150		
Address 7266 Park Circle Drive Hanover, Maryland 21076		Emergency Contact Number (800) 331-1696		
II. Ingredients				
Principal Component	CAS #	Percent	OSHA PEL	ACGIH TLV
Water	7732-18-5	95-97	N/A	N/A
Propriety Fluorocarbon	N/A	1-3	N/A	N/A
III. Physical Data				
Boiling Point: 100°C		Specific Gravity: 1		
Vapor Pressure: N/A		Percent VOC: 0		
Solubility in Water: Dispersible		Evaporation Rate: Same as Water		
Appearance: Milky white liquid		pH 2.3-3.1		
Odor: Glycol odor				
IV. Fire & Explosion Hazard Data				
Flash Point: None		Autoignition Temperature: None		
Flammable Limits: None		LEL: N/A UEL: N/A		
Extinguishing Media: This material is not combustible. Use media approved for the surrounding fire				
Special Fire Fighting Procedures: None				
Unusual Fire & Explosion Hazards: None				
V. Health Hazard Data				
OSHA Permissible Exposure Limit See Section II		ACGIH Threshold Limit Value See Section II		
Primary Routes of Entry: Eye, skin, inhalation, ingestion				
First Aid: Inhalation: Remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult. Eye Contact: Flush eyes with plenty of water for at least 15 minutes, call a physician. Skin: Wash affected areas with plenty of water and soap if available for several minutes. Seek medical attention if irritation develops or persists. Ingestion: Give 3-4 glasses of water, DO NOT induce vomiting. If vomiting occurs,				

give fluids again. Get medical attention	
IV. Reactivity Data	
Stability: Product is stable under normal working conditions.	
Incompatibility: Oxidation agents, alkalis	
Polymerization Warning: Polymerization will not occur	
VII. Environmental Protection Procedures	
Spill Response Absorb spills with vermiculite, fuller's earth, or sand. Shovel up and place in a non-metal waste container for disposal. Dike large spills with soil or sandbags to contain it and prevent its spread. Prevent liquid from entering sewers and waterways.	
Waste Disposal Method Dispose of in accordance with all state, local and federal regulations.	
Eye Protection Goggles	Skin Protection Natural rubber gloves
Respiratory Protection For spray applications and larger jobs use an NIOSH approved organic vapor respirator with particulate pre-filter	Ventilation Recommendation Use in a well ventilated area. If exposure limits are excessive local exhaust may be required
IX. Special Precautions	
Avoid contact with heat.	