

Sample MSDS**ACTI-BRITE**

Material Safety Data Sheet

SECTION I - COMPANY IDENTIFICATION	
PRODUCT: ACTI-BRITE	CAT. NO.: AB-1, AB-5, AB-55
MANUFACTURED BY:	TELEPHONE NUMBERS:
Virginia KMP Corporation	Office: 1-(214) 330-7731
4100 Platinum Way	Emergency Only: 1-(800) 424-9300
Dallas, Texas 75237	
SECTION II - HAZARDOUS INGREDIENTS	
OSHA Hazardous Components (29 CFR 1910.1200)	EXPOSURE LIMITS: 8 HR. TWA
	OSHA PEL
Phosphoric acid (CAS# 7664-38-2)	1 mg/m ³ 1 mg/m ³
Hydrofluoric acid (CAS# 7664-39-3)	STEL 3 mg/m ³ STEL 3 mg/m ³
	3 ppm (F) CL 3 ppm (F)
	STEL 6 ppm (F)
SECTION III - HAZARDS IDENTIFICATIONS	
EMERGENCY OVERVIEW: DANGER! Corrosive to all body tissues. Avoid contact with skin or eyes. Harmful if inhaled or swallowed.	
POTENTIAL HEALTH EFFECTS:	
INHALATION:	Inhalation of vapor or mist is corrosive to respiratory tract. Symptoms include coughing, wheezing, laryngitis, shortness of breath, headache, nausea, and vomiting.
EYE CONTACT:	Liquid or vapors are corrosive to eyes. Immediate irritation followed by destruction of tissue.
SKIN CONTACT:	This material is corrosive to all body tissues. Full extent of damage may not be apparent for 12-24 hours after exposure. Severe burns are slow healing. Gangrene may follow damage.
INGESTION:	Corrosive, moderately toxic, causes nausea, vomiting, loss of consciousness.
CHRONIC EFFECTS	Damage to kidneys and liver (phosphoric acid). Changes in bones or joints (hydrofluoric acid).
NOTE:	
CARCINOGENICITY:	LISTED IN NTP? No ARC? No OSHA Regulated? No
SECTION IV - FIRST AID MEASURES	
INHALATION:	Remove victim to fresh air and, if needed, immediately begin artificial respiration. Give oxygen if breathing is labored. Get emergency medical help. Contact a physician immediately.
EYE CONTACT:	Flush eyes with water for 15 minutes. Get medical attention.
SKIN CONTACT:	Flush with water or soap and water for 15 minutes or until all traces have been removed. Seek medical attention if symptoms develop and persist.
INGESTION:	Do not induce vomiting. Rinse mouth out with water. Get immediate medical attention.

SECTION X – STABILITY AND REACTIVITY	
STABILITY:	Stable.
CONDITIONS TO AVOID:	High temperatures.
MATERIALS TO AVOID:	Alkaline materials, may react with metals to produce hydrogen gas.
HAZARDOUS DECOMPOSITION PRODUCTS:	Corrosive F fumes, toxic PO _x fumes, from combustion – smoke, CO, CO ₂
HAZAROUS POLYMERIZATION:	Will not occur.
SECTION XI – TOXICOLOGICAL INFORMATION	
Phosphoric Acid	LDLo: 220 mg/kg (unr – man) LD50: 1530 mg/kg (oral – rat) LD50: 2740 mg/kg (skin – rat)
Hydrofluoric Acid	LCLo: 50 ppm / 30 M (inh – human) LC50: 966 ppm / 1 hr (inh – rat) TCLo: 100 mg/m ³ (inh – human) NOSE, EYE PUL
SECTION XII – ECOLOGICAL INFORMATION	
Harmful to aquatic life in very low concentrations.	Phosphoric Acid 138 ppm / 24 hr / mosquito fish / TLm / fresh water Hydrofluoric Acid 60 ppm / fish / lethal / fresh water
SECTION XIII – DISPOSAL CONSIDERATIONS	
Dispose as hazardous waste. Classification and documentation is required before disposal. Follow all local, State, and Federal regulations.	
SECTION XIV – TRANSPORTATION INFORMATION	
PROPER SHIPPING NAME:	Corrosive liquid, n.o.s. (contains phosphoric acid, hydrofluoric acid), 8, UN1760, PG II
HAZARD CLASS:	8
IDENTIFICATION NUMBER:	UN1760
DOT Emergency Guide #:	59
Reportable Quantity (RQ):	65 gallons (hydrofluoric acid)
International:	Corrosive liquid, n.o.s. (contains phosphoric acid, hydrofluoric acid), 8, UN1760, PG II, IMDG 8147
SECTION XV – REGULATORY INFORMATION	
TSCA (Toxic Substance Control Act): Components of this product are listed on the TSCA Inventory.	
CERCLA (Comprehensive Environmental Response, Compensation and Liability Act): Reportable quantity is 65 gallons (hydrofluoric acid). Contact local authorities for other reporting requirements.	