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U.S. DEPARTMENT OF LABOR

WAGE AND LABOR STANDARDS ADMINISTRATION
Bureau of Labor Standards

MATERIAL SAFETY DATA SHEET

72-2

SECTION I

MANUFACTURER'S NAME: Allied-Kelite Products Division	EMERGENCY TELEPHONE NO.: 313-883-0100
ADDRESS (Number, Street, City, State, and ZIP Code): 400 Midland St., Detroit, Mich. 48203	
CHEMICAL NAME AND SYNONYMS: Iridite #1-A (Olive Drab)	TRADE NAME AND SYNONYMS: Iridite #1-A (Olive Drab)
CHEMICAL FAMILY: Liquid Acid	FORMULA: Proprietary

SECTION II HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
Very acidic material - always dilute with water before use. Do		
not heat the concentrated solution - avoid contact with oxidants		

SECTION III PHYSICAL DATA

BOILING POINT (°F.)	> 212	SPECIFIC GRAVITY (H_2O=1)	1.3
VAPOR PRESSURE (mm Hg.)	N.A.	PERCENT VOLATILE BY VOLUME (%)	N.A.
VAPOR DENSITY (AIR=1)	N.A.	EVAPORATION RATE (_____=1)	N.A.
SOLUBILITY IN WATER	Very		
APPEARANCE AND ODOR	Colorless liquid - pungent odor (Formic)		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) If water solution is heated vapors may have a flash point of approx. 159°F.	FLAMMABLE LIMITS Lel	Uel
EXTINGUISHING MEDIA: Water fog or spray - carbon dioxide		
SPECIAL FIRE FIGHTING PROCEDURES		
UNUSUAL FIRE AND EXPLOSION HAZARDS: A catastrophic fire that may drive off water portion		
causing vapors--may form an explosive mixture with air		

N.A. Not available

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SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE ≥ 5

EFFECTS OF OVEREXPOSURE

Irritant to skin, eyes and mucous membranes - may cause blisters of skin and even after liquid has been removed may form new blisters - large oral ingestion may induce nephritis

EMERGENCY AND FIRST AID PROCEDURES

Skin and eyes - immediately flush with water for 15 minutes. Obtain medical attention - remove contaminated clothing

SECTION VI REACTIVITY DATA

STABILITY			CONDITIONS TO AVOID
	UNSTABLE		
	STABLE	x	Heating concentrated liquid

INCOMPATABILITY (Materials to avoid) Strong oxidants

HAZARDOUS DECOMPOSITION PRODUCTS N.A.

HAZARDOUS POLYMERIZATION			CONDITIONS TO AVOID
	MAY OCCUR		
	WILL NOT OCCUR	x	

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Flush with water

WASTE DISPOSAL METHOD If required - dilute with water

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

VENTILATION	LOCAL EXHAUST	x	SPECIAL
	MECHANICAL (General)		OTHER

PROTECTIVE GLOVES Rubber

EYE PROTECTION Face shield or goggles

OTHER PROTECTIVE EQUIPMENT Rubber apron and boots

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid inhaling any vapors - avoid skin and eye contact - store in a cool place away from heat or direct sun rays - keep containers closed when not in use and keep containers placed so that mechanical damage is avoided.

OTHER PRECAUTIONS