

Product Identity/Label Name:

Fiber ID Acid

Section 1: MANUFACTURER INFORMATION & HAZARD WARNINGS

The Dyer's Guild
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EMERGENCY PHONE: (800) 445-5143
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DATE PREPARED: 1/31/97

HAZARD CODES: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe

WARNING!

CORROSIVE & COMBUSTIBLE LIQUID.
CONTACT CAUSES SEVERE IRRITATION OR BURNS.
HARMFUL IF INHALED OR SWALLOWED.

HEALTH FIRE REACTIVITY

2

2

1

Section 2: HEALTH HAZARD DATA

ROUTES OF ENTRY/SIGNS & SYMPTOMS OF ACUTE EXPOSURE:

EYES: Direct contact may cause severe irritation or burns. **SKIN:** Contact may cause severe irritation or burns. **INHALATION:** Vapors may cause severe irritation of the respiratory system with coughing, chest pains, nausea and vomiting. **INGESTION:** May cause acute local tissue damage, with other effects ranging from nausea and dizziness to unconsciousness. Aspiration of vomitus into lungs may cause chemical pneumonitis.

Chronic Effects: Prolonged and repeated overexposure may lead to kidney and liver damage. **Carcinogens:** Not listed by IARC, NTP or OSHA. **Medical Conditions Aggravated by Exposure:** None identified.

EMERGENCY & FIRST AID PROCEDURES:

EYES: Flush thoroughly with water for 15 minutes. Get medical attention. **SKIN:** Wash with plenty of water at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical attention. **INHALATION:** Remove immediately to fresh air. **INGESTION:** DO NOT INDUCE VOMITING. If conscious, give water, milk or milk of magnesia. Get immediate medical attention. If spontaneous vomiting occurs, keep person's head below hip level to prevent aspiration of vomitus into lungs.

Section 3: PREVENTIVE MEASURES

Respiratory Protection: Required if TLV in Section 4 is exceeded. Up to 100 ppm, a chemical cartridge respirator with organic vapor cartridge and dust/mist prefilter is recommended. Above this level, a SCBA is recommended.

Ventilation: Use general or local exhaust ventilation to meet TLV requirements.

Gloves: Acid resistant gloves recommended. **Eye Protection:** Safety goggles and face shield. **Other Protective Equipment:** Uniform, protective suit.

Work/Hygienic Practices: THIS IS AN INDUSTRIAL CHEMICAL FOR PROFESSIONAL USE ONLY. FOLLOW GOOD HOUSEKEEPING AND HYGIENIC PRACTICES TO HELP PREVENT ACCIDENTAL EXPOSURE OR INGESTION.

Handling and Storing: Keep container tightly closed. Store in a cool, dry, well ventilated flammable liquid storage area or cabinet.

KEEP OUT OF THE REACH OF CHILDREN AND ANIMALS.
N/A=Not Applicable. N/E=Not Established/Evaluated. T/S=Trade Secret.

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Section 4: HAZARDOUS COMPONENTS & EXPOSURE LIMITS

Hazardous Component Name	CAS #	OSHA PEL	ACGIH-TLV	Other Limit	% Wt
Formic Acid	64-18-6	5 ppm	5 ppm	9 mg/m3	85

Section 5: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	214°F	Specific Gravity:	1.22
Vapor Pressure:	N/E	Percent Volatile:	85
Vapor Density (Air=1):	1.6	Evaporation Rate:	(BuAc=1): 2.1
Solubility in Water:	Infinite.	pH:	N/E
Appearance/Odor:	Colorless, fuming liquid/Penetrating odor.		

Section 6: FIRE & EXPLOSION HAZARD DATA

Flash Point (Method): 156°F (OC) COMBUSTIBLE Flammable Limits, LEL: 18% UEL: 57%

Extinguishing Media: Use Water Spray, Alcohol Foam, Dry Chemical or CO₂.

Special Firefighting Procedures: Firefighters should wear proper protective equipment and SCBAs with full facepiece in positive pressure mode. Move containers from fire area if it can be done without risk. Use water spray to cool fire-exposed containers.

Unusual Fire and Explosion Hazards: Strong organic acid.

Section 7: REACTIVITY DATA

Stability: Stable. Hazardous Polymerization: Will not occur. Conditions to Avoid: Heat, flame, other sources of ignition. Incompatibility: Strong oxidizing agents, strong bases, sulfuric acid. Hazardous Decomposition Products: Not known.

Section 8: SPILLS, DISPOSAL & SPECIAL CONSIDERATIONS

Spill/Leak Procedures: Small spill: If possible, neutralize spill with soda ash or lime. Mop up or absorb on inert material being careful to avoid skin contact with unneutralized material. Large spill: Not applicable as this product is sold only in small quantity containers.

Waste Disposal: Disposal of this material, its mixtures and any spill residues must be in accordance with local, state and federal requirements.

The Dyers Guild is a non-profit technical organization dedicated to the knowledge and advancement of color repair services. The following manufacturers and retail outlets use this service for their material safety data sheets: Americolor Corporation, Color/Match Custom Color Dyes, Dye Co., Pro Dyes, Dyeing Colors, Carpet Cleaners' Headquarters, plus their distributors and their retail customers. One telephone number handles all your needs.

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