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BARE COPPER WIRE

MATERIAL SAFETY
DATA SHEET

GENERAL INFORMATION

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TRADE NAME (COMMON NAME OR SYNONYM) Bare Copper Wire			
CHEMICAL NAME Copper			
FORMULA Cu		MOLECULAR WEIGHT 63.55	
ADDRESS (NO., STREET, CITY, STATE AND ZIP CODE) Alan Wire Company 830 S. West St. Sikeston, Missouri 63801 Phone 314-471-9548			
CONTACT General Information -	PHONE NUMBER 314-471-9548	ISSUED DATE 8/4/83	REVISED DATE 8/4/83

INGREDIENTS

MATERIAL OR COMPONENT	C.A.S. #	WT. %	PERMISSIBLE AIR CONCENTRATION
Copper	7440-50-8	99.9 +	0.1 mg/cu.m. - fume 1.0 mg/cu.m. - dust <input type="checkbox"/> OSHA <input type="checkbox"/> ACGIH <input type="checkbox"/> OTHER

FIRST AID MEASURES

Inhalation: Remove from exposure; place individual under care of physician. Symptomatic treatment such as bed rest and aspirin may afford some relief from chills and fever. Recovery is usually complete in 24 hours. If symptoms persist, consult a physician.

Ingestion: Induce vomiting in conscious individual and call a physician.

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D. HAZARDS INFORMATION**HEALTH****INHALATION**

Short copper exposure may cause irritation of the respiratory tract or metal fume fever with symptoms of fever, chills, nausea, chest tightness or metallic taste.

INGESTION

Copper is moderately irritating to the lining of the stomach and intestines.

SKIN

Possible mechanical irritation of skin.

EYES

Mechanical irritation.

MEDICAL CONDITIONS POSSIBLY AGGRAVATED

Wilson's disease may be affected by copper exposure.

UNUSUAL CHRONIC TOXICITY

None reported

FIRE AND EXPLOSION**FLASH POINT**

°C

NOT APPLICABLE

☐ Open Cup ☐ Closed Cup

AUTO IGNITION

°C

TEMPERATURE

NOT APPLICABLE

FLAMMABLE LIMITS IN AIR (% BY VOL.)

NOT APPLICABLE

UNUSUAL FIRE AND EXPLOSION HAZARDS**E. PRECAUTIONS/PROCEDURES****FIRE EXTINGUISHING AGENTS RECOMMENDED**

No specific agents recommended.

FIRE EXTINGUISHING AGENTS TO AVOID

No specific agents.

SPECIAL FIRE FIGHTING PRECAUTIONS

Use NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing if involved in fire.

ENGINEERING CONTROLS

Local exhaust ventilation recommended if concentration of dust or fume is expected to exceed permissible exposure limits.

NORMAL HANDLING**STORAGE**

AVOID storage near acetylene, chlorine or hydrogen peroxide.

Do not store near halogenates of barium, calcium, magnesium, potassium, sodium or zinc.

SPILL OR LEAK

Any method which keeps dust to a minimum is acceptable. Vacuuming is preferred.

SPECIAL: PRECAUTIONS/PROCEDURES/LABEL INSTRUCTIONS

Label signal word:

PERSONAL HYGIENE

Avoid inhalation or ingestion. Practice good housekeeping and personal hygiene procedures.