

**Material Safety Data Sheet**

May be used to comply with  
 OSHA's Hazard Communication Standard,  
 29 CFR 1910.1200. Standard must be  
 consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072



**IDENTITY** (As Used on Label and List) **ANTIQUE BLACK**

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

**Section I**

Manufacturer's Name <b>SANTA FE JEWELERS SUPPLY</b>	Emergency Telephone Number <b>(800) 535-5053</b>
Address (Number, Street, City, State, and ZIP Code) <b>1513 Fifth Street</b>	International <b>1352-323-3500</b>
<b>Santa Fe, NM 87505</b>	Telephone Number for Information <b>Same</b>
	Date Prepared <b>10-23-01</b>
	Signature of Preparer (optional)

**Section II — Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
<b>COPPER SULFATE CAS#7758-99-8</b>	<b>1</b>	<b>NONE</b>	<b>NONE</b>	
<b>CUPRIC CHLORIDE CAS#10125-13-0</b>	<b>1</b>	<b>NONE</b>	<b>NONE</b>	
<b>SELENIOUS ACID CAS#7783-008</b>	<b>0.2mg/m<sup>3</sup></b>	<b>0.2mg/m<sup>3</sup></b>		

**Section III — Physical/Chemical Characteristics**

Boiling Point	<b>200F</b>	Specific Gravity (H <sub>2</sub> O = 1)	<b>1.2</b>
Vapor Pressure (mm Hg.)	<b>NONE</b>	Melting Point	<b>N/A</b>
Vapor Density (AIR = 1)	<b>NONE</b>	Evaporation Rate (Butyl Acetate = 1)	<b>SAME AS WATER</b>
Solubility in Water	<b>100%</b>		
Appearance and Odor	<b>BLUE LIQUID WITH NO ODOR</b>		

**Section IV — Fire and Explosion Hazard Data**

Flash Point (Method Used) <b>NONE</b>	Flammable Limits <b>NONE</b>	LEL	UEL
Extinguishing Media <b>WATER, CO(2), FOAM OR DRY CHEMICAL</b>			
Special Fire Fighting Procedures <b>WEAR FULL PROTECTION WITH BREATHING APPARATUS WHEN CHEMICALS ARE INVOLVED IN FIRE.</b>			
Unusual Fire and Explosion Hazards <b>WILL NOT BURN. PRODUCES HIGHLY TOXIC SELENIUM FUMES</b>			
<b>IN CASE OF FIRE ACCIDENT.</b>			

**Section V — Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid) DO NOT MIX WITH ALKALI

Hazardous Decomposition or Byproducts SELENIUM FUMES

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	NONE KNOWN

**Section VI — Health Hazard Data**

Route(s) of Entry: Inhalation? YES Skin? YES Ingestion? YES

Health Hazards (Acute and Chronic) TOXIC MATERIAL. COULD BE FATAL IF SWALLOWED. DERMATITIS CAN RESULT FROM PROLONGED EXPOSURE. SKIN BURNS UPON EXPOSURE.

Carcinogenicity: UNKNOWN NTP? NO IARC Monographs? NO OSHA Regulated? NO

Signs and Symptoms of Exposure SKIN RASH OR BURNS. ALSO INFLAMMATION OF THE LUNGS & DISTURBANCE OF DIGESTIVE & NERVOUS SYSTEM. INPARTS GARLIC LIKE ODOR TO BREATH.

Medical Conditions Generally Aggravated by Exposure SENSITIVE SKIN

Emergency and First Aid Procedures UPON SKIN OR EYE CONTACT, FLUSH WITH WATER FOR 15 MINUTES. CALL PHYSICIAN. INGESTION - IF CONSCIOUS, INDUCE VOMITING & GET MEDICAL ATTENTION.

**Section VII — Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled ABSORB WITH ABSORBENT MATERIAL. DILUTE WITH WATER & COLLECT IN CONTAINERS.

Waste Disposal Method DISPOSE OF ACCORDING TO FEDERAL, STATE & LOCAL REGULATIONS.

Precautions to Be Taken in Handling and Storing AVOID CONTACT WITH SKIN, EYES & CLOTHES. AVOID INHALATION. STORE IN A SEALED CONTAINER. KEEP AWAY FROM CHILDREN.

Other Precautions

**Section VIII — Control Measures**

Respiratory Protection (Specify Type) RECOMMENDED

Ventilation	Local Exhaust	<u>ADVISABLE</u>	Special	<u>NONE</u>
	Mechanical (General)		Other	<u>NONE</u>

Protective Gloves RUBBER/PLASTIC/NEOPRENE Eye Protection SAFETY GLASSES

Other Protective Clothing or Equipment WORK CLOTHES AND RUBBER/PLASTIC APRONS

Work/Hygienic Practices WASH HANDS AFTER HANDLING THIS PRODUCT.