## 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) 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. Copper Nitrate Section I Manufacturer's Name Emergency Telephone Number (800) 535-5053 Santa Fe Jewelers Supply International 1-352-323-3500 Telephone Number for Information Address (Number, Street, City, State, and ZIP Code) 1513 Fifth Street Same Date Prepared 10-23-01 Santa Fe, NM 87505 Signature of Preparer (optional) Section II — Hazardous Ingredients/Identity Information Other Limits OSHA PEL ACGIH TLV Hazardous Components (Specific Chemical Identity; Common Name(s)) Recommended % (optional) Cupric Nitrate Trihydrate CAS#3251-23-8  $1 \text{mg/m}^3$  $1mg/m^3$ (CEIL) 2mg/m<sup>3</sup> 100% Section III — Physical/Chemical Characteristics **Boiling Point** Specific Gravity (H<sub>2</sub>O - 1) 2.32 Decomposse Vapor Pressure (mm Hg.) Melting Point 238.1F N/A Vapor Density (AIR = 1) Evaporation Rate N/A (Butyl Acetate - 1) N/A Solubility in Water Appearance and Odor Blue Crystals with characteristic odor Section IV — Fire and Explosion Hazard Data Flash Point (Method Used) Flammable Limits LEL UEL N/A Extinguishing Media Do not use water jet. Use flooding quantities of water. Avoid contact with organic materials Special Fire Fighting Procedures Do not use water jet. Use flooding quantities of water. Avoid contact with organic materials Wear full protection with breathing apparatus when chemicals are involved in fire. Unusual Fire and Explosion Hazards May be combustable at high temperature. Flammable in presence of organic materials.

Stability		ta			
	Unstable		Conditions to Avoid		
	Stable	VV			
ncompatibility	(Materials to Avoi	d) XX			
		N/A	1		
lazardous Deco	mposition or Bypro		The products	of long term degrad	lation are more toxic.
Hazardous Polymerization	May Occur	T	Conditions to Avoid	l and colm degrad	delon die more coxic.
	Will Not Occur	XX			
Section VI -	- Health Hazar	d Data			
Route(s) of Entry	r: In	halation?	v	Skin?	Ingestion?
lealth Hazards	(Acute and Chronic	Acut	Yes e oral toxic	Yes itv (LD50): 430mg/k	Yes  Ig [Mouse]. This substance is
toxi	c to lungs,		s membranes.	10) (1050): 450mg/ K	g (nouse]. This substance is
		****			-
Carcinogenicity:	N	TP? N	/A .	IARC Monographs?	I/A OSHA Regulated? Yes
Eye - Irr					ion redness or burns.
nedical Conditio	ns vated by Exposure	N/A		reathing difficuty.	Injestion - Nausea, headache, Dizz
Steps to Be Take	en in Case Materia	I Is Relea	e Handling and sed or Spilled ut the spille		Medical Attention
Waste Disposal I		se of	accrding to	federal, state and l	local regulations.
Procesitions to B	e Taken in Handlin				
Wear prote	ctive equip	ment	when handling	. Keep container d	ry. Keep away from heat. Keep away
From combu	stible mate	rial.	Ground all e		g material. Do not add water to th
Section VIII	- Control Mea	sures			
Respiratory Prote	ection (Specify Type				
Ventilation	Local Exhaust		ust Respirato commended	or. Approved/certifi Special	ied or equivalent
- 1	Mechanical (Gene		- Ommended	Other	
1					
rotective Gloves				Eye Protection	lach goodles 9 Para 11 11
	Yes Clothing or Equipm	nent I.s	ab coat		lash goggles & Face shield
	Yes Clothing or Equipm actices	La	ab coat		lash goggles & Face shield