

# Nickle Pickle

## 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)  
GFIFFITH NICKLE PICKLE

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

Supplier Information:  
Santa Fe Jewellery Supply  
1513 Fifth Street Santa Fe, NM 87505

Emergency Telephone Number

Telephone Number for Information

303-442-8284

Date Prepared

2-5-89

Signature of Preparer (append)

*Robert B. [Signature]*

### Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Sodium Bisulphate		.10 mg/m <sup>3</sup>		97.5 %
Proprietary Additive		.05 mg/m <sup>3</sup>		2.5 %

### Section III — Physical/Chemical Characteristics

Boiling Point Decomposes at 500° C		Specific Gravity (H <sub>2</sub> O = 1)	2.60
Vapor Pressure (mm Hg.)	N/A	Melting Point	398° C
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Soluble, forms dilute sulfuric acid solution			
Appearance and Odor Orange-red crystals in white granular dry material			

### Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) Not flammable	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media Water spray, may require flooding amount.			
Special Fire Fighting Procedures Water runoff may contain hexavalent chromium and should not be allowed to enter sewers or waterways. Use NIOSH-approved breathing apparatus in dry applications.			
Unusual Fire and Explosion Hazards Decomposes at 500° C (930° F) to release oxygen which may promote burning of other combustibles. An oxidizer-may react rapidly enough to ignite some materials.			

**Section V — Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	X	

**Incompatibility (Materials to Avoid)**

Reducing agents - reaction can be violent

**Hazardous Decomposition or Byproducts**

Decomposes at high temperature yielding oxygen, potassium chromates and chromium oxide

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

**Section VI — Health Hazard Data**

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

**Health Hazards (Acute and Chronic)**

Inhalation of bichromate dust or mists can cause ulceration & perforation of the nasal septum as well as irritation to the respiratory system. Skin- dust can cause irritation. Ingestion- can be harmful or fatal

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
Suspect			Yes 1000 lbs.

**Signs and Symptoms of Exposure**

Toxic effects may not appear right away. A systemic poison; bichromates are primarily toxic to kidneys, liver, and gastrointestinal tract

**Medical Conditions****Generally Aggravated by Exposure**

Skin breaks.

**Emergency and First Aid Procedures**

Skin: wash with plenty of water, remove contaminated clothing

Eyes: promptly wash with plenty of water, continuing for at least 15 minutes, get medical help

**Section VII — Precautions for Safe Handling and Use****Steps to Be Taken in Case Material is Released or Spilled**

Ingestion: if conscious, have victim drink water; then induce vomiting. Get prompt help

If spilled: sweep up as much as possible Neutralize with alkaline (soda ash) solution.

**Waste Disposal Method**

Consult with federal, state, and local authorities. Subject to approval, dry material may be disposed of in hazardous waste management facility and the neutralized liquid sewer.

**Precautions to Be Taken in Handling and Storing**

Keep dry. Avoid strong alkaline materials. Avoid contact with skin & dusts and mists.

**Other Precautions****Section VIII — Control Measures****Respiratory Protection (Specify Type)**

Use NIOSH approved high efficiency dust respirator

Ventilation	Local Exhaust	Special
	Mechanical (General)	Other
	Yes	

Protective Gloves	Eye Protection
Yes	Yes

**Other Protective Clothing or Equipment**

Rubber apron, long sleeve shirt & pants

**Work/Hygienic Practices**

Wear clean clothing daily