

# GOLD SOLUTION MSDS

Label Content Code = C2097

## Section 1: PRODUCT AND COMPANY IDENTIFICATION

**Manufacturer:** AngelGilding.com  
619 Clarence Ave.  
Oak Park IL 60604 USA  
**24-hour Emergency Phone:** 708-383-3340  
**Product Name:** Gold Solution – Ready-To-Use – C2097

## Section 2: INGREDIENT INFORMATION

**No hazardous components above 1% composition**

## Section 3: HAZARD IDENTIFICATION

**Protective Equipment:** GOGGLES & SHIELD; LAB COAT & APRON; VENT HOOD; PROPER GLOVES  
**Storage Color Code:** Green (General Storage)

## Section 4: FIRST AID MEASURES

### Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

### Ingestion:

Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

### Skin Contact:

Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean shoes before reuse.

### Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

## Section 5: FIRE FIGHTING MEASURES

### **Fire:**

Use any means suitable for extinguishing surrounding fire..

### **Special Information:**

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

## Section 6: ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Keep unnecessary and unprotected people away from area of spill. Wear appropriate personal protective equipment as specified in section on spills: Pick up and place in a suitable container for reclamation or disposal.

## Section 7: HANDLING AND STORAGE

Keep in a tightly closed light-resistant container, stored in a cool, dry, ventilated area. Protect against physical damage.

## Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Ventilation System:**

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

### **Personal Respirators (NIOSH Approved):**

For conditions of use where exposure to mist is apparent and engineering controls are not feasible, a particulate respirator (NIOSH type N95 or better filters) may be worn. If oil particles (e.g. lubricants, cutting fluids, glycerine, etc.) are present, use a NIOSH type R or P filter. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. **WARNING:** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

### **Skin Protection:**

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

### **Eye Protection:**

Use chemical safety goggles and/or full face shield where splashing of solutions is possible.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Yellow solution
<b>Odor:</b>	None
<b>Solubility in water:</b>	Complete
<b>Density (g cm<sup>-3</sup>):</b>	1
<b>pH</b>	0.5
<b>Boiling Point: °C</b>	100
<b>Melting Point (°C):</b>	0

## Section 10: STABILITY AND REACTIVITY

**Stability:** Stable under ordinary conditions of use and storage.

**Hazardous Decomposition Products:** May form chloride, hydrogen chloride, and metallic gold when heated to dryness and decomposition.

**Incompatibilities:** Strong bases.

**Conditions to Avoid:** Light, and incompatibles.

## Section 11: TOXICOLOGICAL INFORMATION:

**No information available.**

## Section 12: ECOLOGICAL INFORMATION

**No information available.**

## Section 13: DISPOSAL CONSIDERATIONS:

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Although not a listed RCRA hazardous waste, this material may exhibit one or more characteristics of a hazardous waste and require appropriate analysis to determine specific disposal requirements. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

## Section 14: TRANSPORT INFORMATION:

**Not a hazard.**

**Section 13: REGULATORY INFORMATION:**

<b>TSCA:</b>	<b>EC:</b>	<b>Japan:</b>	<b>Australia:</b>	<b>Korea:</b>	<b>Canada</b>
Y	Y	Y	Y	Y	Y

**Known to the State of California to cause cancer (Y/N):** N

**Section 14: OTHER INFORMATION**

<b>Health:</b>	<b>NFPA Ratings: Flammability:</b>	<b>Reactivity:</b>
3	2	0

**Label** Do not get in eyes, on skin, or on clothing.  
**Precautions:** Wash thoroughly after handling.

**Label First Aid:** In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If swallowed, induce vomiting. Give large quantities of water. Never give anything by mouth to an unconscious person. In all cases get medical attention immediately.

**Product Use:** Commercial mirroring

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