

**MSDS (Material Safety Data Sheet)**  
**Palladium\_Sensitizer\_Concentrate - C2081**

1		Product Identification	
	1	Manufacturer:	
		1 Name:	Angelgilding.com
		2 Street Address:	619 S. Clarence Ave
		3 City, State, and Zip:	Oak Park, IL 60304-1303
		4 24-hour Emergency Number	(708) 383-3340
	2	Product Code(s):	Palladium Sensitizer Concentrate - C2081
2		Preparer:	
	1	Name:	M. G. King
	2	Phone Number:	(708) 383-3340
	3	Revision Information:	6/24/2008
2		Composition/Information on Ingredients	
	No hazardous components above 0.25%		
		1 Synonyms:	
		2 CAS Id:	
		3 Formula:	
		4 Formula Weight:	
		5 Percent:	
		6 Hazardous:	
3		Hazards Identification	
	1	Overview:	
	2	HMIS Ratings:	
		1 Health Rating:	2 - Moderate
		2 Flammability Rating:	0
		3 Reactivity Rating:	0
		4 Contact Rating:	0
		5 Protective Equipment:	E
		6 Storage Color Code:	
	3	Potential Health Effects:	
		1 Inhalation:	
		2 Ingestion:	
		3 Skin Contact:	
		4 Eye Contact:	
		5 Chronic Exposure:	
		6 Aggravation of Pre-existing Conditions:	
4		First Aid Measures	
	1	Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
	2	Ingestion:	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.
	3	Skin Contact:	Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Cold water may be used.
	4	Eye Contact:	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

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	5	Note to Physician:	
5		Fire Fighting Measures:	
	1	Fire:	
	2	Explosion:	
	3	Fire Extinguishing Media:	
	4	Special Information:	
6		Accidental Release Measures:	Use appropriate tools to put the spilled liquid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
7		Handling and Storage:	Do not ingest. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles. Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 24°C (75.2°F).
8		Exposure Controls/Personal Protection:	
	1	Airborne Exposure Limits:	
		1 OSHA PEL:	
		2 ACGIH TLV:	
	2	Ventilation System:	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
	3	Personal Respirators (NIOSH Approved):	Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.
	4	Skin Protection:	
	5	Eye Protection:	
9		Physical and Chemical Properties:	
	1	Appearance:	Brown liquid
	2	Odor:	Faintly acidic
	3	Solubility in water:	complete
	4	Density (g cm-3):	1
	5	pH:	5
	6	% Volatiles by volume @ 21C (70F):	
	7	Boiling Point: °C	100
	8	Melting Point (°C):	0
	9	Vapor Density (Air=1):	
	10	Vapor Pressure (mm Hg):	
	11	Evaporation Rate (BuAc=1):	
10		Stability and Reactivity:	
	1	Stability:	Stable under normal operating conditions.
	2	Hazardous Decomposition Products:	

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	3	Hazardous Polymerization:	
	4	Incompatibilities:	Metals, acids, organic solvents, ammonia, zinc, strong oxidizing agents, aluminum, magnesium, nitrates, thiocyanates
	5	Conditions to Avoid:	Excess heat, moisture, incompatible materials
11		Toxicological Information:	
	1	Oral rat LD50:	>400 g/kg
	2	Tumorigen:	
	3	Mutagen:	
	4	Reproductive effector:	May cause adverse reproductive effects and cancer based on animal data. May affect genetic material
	5	Carcinogenicity:	
	6	IARC Category:	
	7	Skin rabbit:	
	8	Eye rabbit:	
	9	Inhalation rat LC50	
12		Ecological Information	
	1	Environmental Fate:	
	2	Environmental Toxicity:	
13		Disposal Considerations:	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
14		Transport Information:	
	1	Domestic (Land, D.O.T.):	Not a regulated material
	1	Proper Shipping Name:	
	2	Hazard Class:	
	3	UN/NA:	
	4	Packing Group:	
	5	Information reported for product/size:	
	2	International (Water, I.M.O.):	Not a regulated material
	1	Proper Shipping Name:	
	2	Hazard Class:	
	3	UN/NA:	
	4	Packing Group:	
	5	Information reported for product/size:	
	3	International (Air, I.C.A.O.):	Not a regulated material
	1	Proper Shipping Name:	
	2	Hazard Class:	
	3	UN/NA:	
	4	Packing Group:	
	5	Information reported for product/size:	
15		Regulatory Information:	
	1	TSCA:	Yes
	2	EC:	Yes
	3	Japan:	
	4	Australia:	
	5	Korea:	
	6	Canada:	

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	7	Chemical Weapons Convention:	
	8	Known to the State of California to cause cancer (Y/N):	
	9	Australian Hazchem Code:	
	10	Poison Schedule:	
	11	Controlled Products Regulations:	
16		Other Information	
	1	NFPA Ratings:	
	1	Health:	2
	2	Flammability:	0
	3	Reactivity:	0
	2	Label Hazard Warning:	
	3	Label Precautions:	
	4	Label First Aid:	
	5	Product Use:	Commercial mirroring
	6	Disclaimer:	
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