

# GALENA DEPOSITOR MSDS

Label Content Code = C1113

## 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:** Galena Depositor – Ready-To-Use – C1113

## Section 2: INGREDIENT INFORMATION

Synonyms	C.A.S.	Formula:	Formula Weight:	Percent
Thiourea, Thiocarbamide	62-56-6	(NH <sub>2</sub> ) <sub>2</sub> .CS in water	76.12	6

## Section 3: HAZARD IDENTIFICATION

### Emergency Overview:

WARNING! HARMFUL IF SWALLOWED OR INHALED. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. MAY CAUSE ALLERGIC SKIN REACTION. POSSIBLE CANCER HAZARD. MAY CAUSE CANCER BASED ON ANIMAL DATA. Risk of cancer depends on duration and level of exposure.

### SAF-T-DATA Ratings

**Health Rating:** 2 - Moderate  
**Flammability Rating:** 1 - Slight  
**Reactivity Rating:** 1 - Slight  
**Contact Rating:** 3 - Severe (Life)  
**Protective Equipment:** GOGGLES & SHIELD; LAB COAT & APRON; VENT HOOD; PROPER GLOVES  
**Storage Color Code:** Blue (Health)

### Potential Health Effects:

**Inhalation:** Causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath.  
**Ingestion:** Harmful if swallowed. May affect bone marrow and consequently white blood cell, red blood cell, and platelet counts.  
**Skin Contact:** Causes irritation, redness and pain. May also cause allergic skin eruptions. Sunlight may aggravate skin allergy.

**Eye Contact:** Causes irritation, redness, and pain.  
**Chronic Exposure:** Chronic exposure can cause liver damage and goiter (an enlarged thyroid gland). May affect bone marrow which could cause damage to blood. Material is a possible human carcinogen.  
**Aggravation of Pre existing Conditions:** Persons with preexisting skin disorders may be more susceptible to these substances

#### 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.

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

**Skin Contact:** Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician, immediately. Wash clothing 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:** As with most organic solids, fire is possible at elevated temperatures or by contact with an ignition source.

**Fire Extinguishing Media:** Water spray, dry chemical, alcohol foam, or carbon dioxide.

**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

Remove all sources of ignition. 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 8. Spills: Pick up and place in a suitable container for reclamation or disposal, using a method that does not generate dust. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

## **Section 7: HANDLING AND STORAGE**

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Isolate from oxidizing materials. Wear special protective equipment (Sec. 8) for maintenance break-in or where exposures may exceed established exposure levels. Wash hands, face, forearms and neck when exiting restricted areas. Shower, dispose of outer clothing, change to clean garments at the end of the day. Avoid cross-contamination of street clothes. Wash hands before eating and do not eat, drink, or smoke in workplace. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

## **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 dust or 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 a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear, colorless solution.
<b>Odor:</b>	Hydrogen sulfide
<b>Solubility in water:</b>	Complete
<b>Density (g cm<sup>-3</sup>):</b>	1
<b>pH</b>	
<b>Boiling Point: °C</b>	100
<b>Melting Point (°C):</b>	0

## Section 10: STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under ordinary conditions of use and storage.
<b>Hazardous Decomposition Products:</b>	May emit oxides of carbon, sulfur and nitrogen when heated to decomposition.
<b>Hazardous Polymerization:</b>	May occur when in contact with acrylaldehyde.
<b>Incompatibilities:</b>	Acrolein, acrylaldehyde, hydrogen peroxide, nitric acid, and oxidizing agents.
<b>Conditions to Avoid:</b>	Incompatibles.

## Section 11: TOXICOLOGICAL INFORMATION:

No information available.

## Section 12: ECOLOGICAL INFORMATION

<b>Environmental Fate:</b>	When released into the soil, this material may biodegrade to a moderate extent. When released into the soil, this material may leach into groundwater. When released into water, this material is not expected to biodegrade. This material has an experimentally-determined bioconcentration factor (BCF) of less than 100. This material is not expected to significantly bioaccumulate. When released into the air, this material may be moderately degraded by reaction with photochemically produced hydroxyl radicals. When released into the air, this material may be removed from the atmosphere to a moderate extent by wet deposition. When released into the air, this material may be removed from the atmosphere to a moderate extent by dry deposition.
<b>Environmental Toxicity:</b>	Dangerous to the environment. Toxic to aquatic organisms; may cause long term adverse effects in the aquatic environment. 48 Hr EC50 Daphnia magna: 35 mg/L

**Section 13: DISPOSAL CONSIDERATIONS:**

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved incinerator or disposed in a RCRA approved waste facility. 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:**

**Proper Shipping Name:** RQ, TOXIC SOLID, ORGANIC, N.O.S. (THIOUREA)  
**Hazard Class:** 6,1  
**UN/NA:** UN2811  
**Packing Group:** III  
**Information reported for product/size:** 12 kg

**Section 13: REGULATORY INFORMATION:**

TSCA:	EC:	Japan:	Australia:	Korea:	Canada
Y	Y	Y	Y	Y	Y

**Known to the State of California to cause cancer (Y/N):** Y  
**Australian Hazchem Code:** 2(Z)  
**Poison Schedule:** S6

**Section 14: OTHER INFORMATION**

Health:	NFPA Ratings: Flammability:	Reactivity:
2	1	0

**Label Hazard Warning:** WARNING! HARMFUL IF SWALLOWED OR INHALED. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. MAY CAUSE ALLERGIC SKIN REACTION. POSSIBLE CANCER HAZARD. MAY CAUSE CANCER BASED ON ANIMAL DATA. Risk of cancer depends on duration and level of exposure.

**Label Precautions:** Do not get in eyes, on skin, or on clothing.  
 Do not breathe dust.  
 Keep container closed.  
 Use only with adequate ventilation.  
 Wash thoroughly after handling.

**Label First Aid:** In all cases get medical attention immediately. If swallowed and the victim is conscious, dilute, inactivate, or absorb the ingested formaldehyde by giving milk, activated charcoal, or water. Any organic material will inactivate formaldehyde. Keep affected person warm and at rest. If vomiting occurs, keep head lower than hips. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. 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.

**Product Use:** Commercial mirroring

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