



# SAFETY DATA SHEET

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## SECTION 1 PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: **Gold splatters**  
PRODUCT NO: 1942  
CAS NO: 7440-57-5

### MANUFACTURER:

Prochem, Inc.  
826 Roosevelt Road  
Rockford, IL 61109

PHONE: 815-398-1788  
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TOLL FREE: 800-795-8788

IN CASE OF TRANSPORTATION EMERGENCY CONTACT CHEM-TREC: 1-800-424-9300

## SECTION 2 HAZARDS IDENTIFICATION

### CLASSIFICATION OF SUBSTANCE OR MIXTURE

Not a dangerous substance according to the GHS

### HMIS CLASSIFICATION:

Health: 0      Flammability: 0      Reactivity: 0

### NFPA RATING:

Health: 0      Fire: 0      Reactivity Hazard: 0

**EYE CONTACT:** The dust may cause slight to mild irritation of the eyes.

**SKIN CONTACT:** The dust may cause slight to mild irritation of the skin.

**INHALATION:** Hazard associated with inhalation of fine dust or fume. May be irritating to nasal cavity and respiratory tract.

**INGESTION:** May be harmful if swallowed.

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Formula: Au

Molecular Weight: 196.97

CHEMICAL NAME	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Gold splatters	7440-57-5	100	No data	No data

## SECTION 4 FIRST AID MEASURES

**EYE EXPOSURE:** Immediately flush the eyes with copious amounts of water for at least 15 minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get immediate competent medical attention.

## SECTION 4 FIRST AID MEASURES (Cont.)

**SKIN EXPOSURE:** Wash affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.

**INHALATION:** Remove the victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases, seek immediate medical assistance.

**INGESTION:** Seek medical assistance immediately. Keep the victim calm. Give the victim water (only if conscious). Induce vomiting only if directed by medical personnel.

## **SECTION 5    FIREFIGHTING MEASURES**

**FLASH POINT:** Material is not flammable

**AUTO IGNITION TEMPERATURE:** Not applicable

**EXPLOSION LIMITS:** Not applicable

**EXTINGUISHING MEDIUM:** Use carbon dioxide, extinguishing powder or foam.

**SPECIAL FIRE FIGHTING PROCEDURES:** If involved in a fire, fire fighters should be equipped with a NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing.

**HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS:** None

## **SECTION 6    ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS:** Avoid dust formation. Avoid breathing vapors, mist, or gas.

**ENVIRONMENTAL PRECAUTIONS:** Do not allow material to be released to the environment. Do not let product enter drains.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:** Spills can be swept up and disposed of in accordance to state and federal regulations.

## **SECTION 7    HANDLING AND STORAGE**

**PRECAUTIONS FOR SAFE HANDLING:** Always wear proper personal protective equipment. Provide appropriate ventilation.

**CONDITIONS FOR SAFE STORAGE:** Store material in a tightly sealed container.

## **SECTION 8    EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**EYE PROTECTION:** Always wear approved safety glasses with side shields, safety goggles, or face shield when handling a chemical substance in the laboratory.

**SKIN PROTECTION:** Chemical resistant gloves.

**VENTILATION:** If possible, handle the material in an efficient fume hood.

**RESPIRATOR:** If in form of fine dust and ventilation is not available a respirator should be worn. The use of respirators requires a Respirator Protection Program to be in compliance with 29 CFR 19-10.134.

## **SECTION 9    PHYSICAL AND CHEMICAL PROPERTIES**

**COLOR AND FORM:** Gold solid

**MELTING POINT:** 1,063° C

**BOILING POINT:** 2808° C

**MOLECULAR WEIGHT:** 196.97

**ODOR:** Odorless

**SPECIFIC GRAVITY:** 19.3 gm/ml

**VAPOR PRESSURE:** Not applicable

**SOLUBILITY IN WATER:** Insoluble

## **SECTION 10    STABILITY AND REACTIVITY**

**STABILITY:** Stable

**HAZARDOUS POLYMERIZATION:** No hazardous polymerization

## SECTION 10 STABILITY AND REACTIVITY (Cont.)

**CONDITIONS TO AVOID:** None

**INCOMPATIBILITY:** Mixtures containing chlorides, bromides or iodides; alkali cyanides; thiocyanate solutions; double cyanides; hydrogen peroxide; halogens; ammonia.

**DECOMPOSITION PRODUCTS:** None

## SECTION 11 TOXICOLOGICAL DATA

**RTECS DATA:** Intravenous (rat); LDLo: 58 mg/kg. Implant (rat); TDLo: 200 mg/kg. Implant (mouse); TDLo: 21 gm/kg. Implant (rat); TO: 4730 mg/kg.

**CARCINOGENIC EFFECTS:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.

**MUTAGENIC EFFECTS:** No data

**TETRATOGENIC EFFECTS:** No data

To the best of our knowledge the toxicological effects of this compound have not been fully investigated.

## SECTION 12 ECOLOGICAL DATA

No information available

## SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in according to local, state, and federal regulations.

## SECTION 14 TRANSPORTATION DATA

Non-hazardous material

## SECTION 15 REGULATORY INFORMATION

**TSCA:** Listed in the TSCA Inventory

**SARA 302 COMPONENTS:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA (TITLE 313):** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**MASSACHUSETTS RIGHT TO KNOW COMPONENTS:** No components are subject to the Massachusetts Right to Know Act.

**PENNSYLVANIA RIGHT TO KNOW COMPONENTS:** Gold

**NEW JERSEY RIGHT TO KNOW COMPONENTS:** Gold

**CALIFORNIA PROP. 65 COMPONENTS:** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## SECTION 16 OTHER INFORMATION

**DISCLAIMER:** The information herein is believed to be accurate and reliable as of the date compiled. However, Prochem, Inc. makes no representation, warranty, or guarantee of any kind with respect to the information in this document or any use of the product based on the information.

**DATE PREPARED:** 04/14

**SDS DEPT.**