

化 学 品 安 全 技 术 说 明 书

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**MSDS标题**

J.T. BAKER GOLD 1000 UG/ML OR 10000 UG/ML MSDS报告

**产品标题**

金粉

**CAS号**

7440-57-5

**化学品及企业标识**

**PRODUCT NAME**

J.T. BAKER GOLD 1000 UG/ML OR 10000 UG/ML

**NFPA**

Flammability 0

Toxicity 2

Body Contact 0

Reactivity 0

Chronic 2

SCALE: Min/Nil=0 Low=1 Moderate=2 High=3 Extreme=4

**PRODUCT USE**

As a laboratory reagent, calibration standard solution for gold.

## **SYNONYMS**

"chloroauric acid solution in hydrochloric acid", "standard solution for gold"

## **CANADIAN WHMIS SYMBOLS**

## **EMERGENCY OVERVIEW**

### **RISK**

Harmful by inhalation.

## **POTENTIAL HEALTH EFFECTS**

### **ACUTE HEALTH EFFECTS**

#### **SWALLOWED**

Although ingestion is not thought to produce harmful effects, the material may still be damaging to the health of the individual following ingestion, especially where pre-existing organ (e.g. liver, kidney) damage is evident. Present definitions of harmful or toxic substances are generally based on doses producing mortality (death) rather than those producing morbidity (disease, ill-health). Gastrointestinal tract discomfort may produce nausea and vomiting. In an occupational setting however, ingestion of insignificant quantities is not thought to be cause for concern. Considered an unlikely route of entry in commercial/industrial environments. Ingestion may result in nausea, abdominal irritation, pain and vomiting.

#### **EYE**

Although the material is not thought to be an irritant, direct contact with the eye may produce transient discomfort characterized by tearing or conjunctival redness (as with windburn).

#### **SKIN**

The material is not thought to produce adverse health effects or skin irritation following contact (as classified using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.

#### **INHALED**

The material is not thought to produce respiratory irritation (as classified using animal models). Nevertheless inhalation of the material, especially for prolonged periods, may produce respiratory discomfort and occasionally, distress. Inhalation hazard is increased at higher

temperatures.

## **CHRONIC HEALTH EFFECTS**

Principal routes of exposure are usually by skin contact/eye contact with the liquid. Skin disruptions following contact with gold or its compounds (for example in treating rheumatoid arthritis) are characterized as chronic eruption of spots, redness, and sloughing. There may be swelling of the face and ankle, a red rash around the mouth and generalized red patches. Systemic exposure may produce inflammation of the mouth and skin, reduction in the number of platelets and white blood cells, agranulocytosis and aplastic anemia. There may be a gray-blue pigmentation in the skin and mucous membranes. Gold may deposit in the eyes, producing inflammation and ulceration of the cornea. As with any chemical product, contact with unprotected bare skin; inhalation of vapor, mist or dust in work place atmosphere; or ingestion in any form, should be avoided by observing good occupational work practice.

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