

化 学 品 安 全 技 术 说 明 书

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**MSDS标题**

QIAGEN QIAEX II SUSPENSION MSDS报告

**产品标题**

过氯酸钠

**CAS号**

7601-89-0

**化学品及企业标识**

**PRODUCT NAME**

QIAGEN QIAEX II SUSPENSION

**NFPA**

Flammability	0
Toxicity	2
Body Contact	2
Reactivity	0
Chronic	0

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

**PRODUCT USE**

Used according to manufacturer' s directions. Purification mechanism for DNA. Silica matrix that binds DNA under low pH conditions, and elutes under high pH conditions [Qiagen]

## **SYNONYMS**

"silica matrix, ", "DNA purification, "

## **CANADIAN WHMIS SYMBOLS**

## **EMERGENCY OVERVIEW**

### **RISK**

Explosive when mixed with combustible material.

Harmful if swallowed.

Irritating to eyes.

## **POTENTIAL HEALTH EFFECTS**

### **ACUTE HEALTH EFFECTS**

#### **SWALLOWED**

Accidental ingestion of the material may be harmful; animal experiments indicate that ingestion of less than 150 gram may be fatal or may produce serious damage to the health of the individual. Considered an unlikely route of entry in commercial/industrial environments. Ingestion may result in nausea, abdominal irritation, pain and diarrhea.

#### **EYE**

This material can cause eye irritation and damage in some persons.

#### **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**

There is some evidence to suggest that this material, if inhaled, can irritate the throat and lungs of some persons. Although inhalation is not thought to produce harmful effects, the material may still produce health damage, especially where pre-existing organ (e.g. liver, kidney) damage is evident. Present definitions of harmful or toxic substances are generally confined to doses producing mortality (death) rather than those producing morbidity (disease, ill-health). Not normally a hazard due to non-volatile nature of product.

## **CHRONIC HEALTH EFFECTS**

Prolonged exposure may cause liver or kidney damage. 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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