

## 化 学 品 安 全 技 术 说 明 书

填表时间 2019-12-30

打印时间 2025-06-06

### MSDS标题

QIAGEN BUFFER AW1 MSDS报告

### 产品标题

盐酸亚氨脒;胍盐酸盐;氨基甲脒盐酸盐;胍单盐酸盐

### CAS号

50-01-1

### 化学品及企业标识

## PRODUCT NAME

QIAGEN BUFFER AW1

## NFPA

Flammability	0
Toxicity	2
Body Contact	2
Reactivity	1
Chronic	2
SCALE: Min/Nil=0 Low=1 Moderate=2 High=3 Extreme=4	

## PRODUCT USE

· Material is mixed and used in accordance with manufacturers directions. Laboratory reagent. Buffer solution.

## **SYNONYMS**

"Laboratory reagent", "Buffer solution"

## **CANADIAN WHMIS SYMBOLS**

## **EMERGENCY OVERVIEW**

### **RISK**

Harmful if swallowed.  
Irritating to eyes and skin.

## **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.

#### **EYE**

This material may produce eye irritation in some persons and produce eye damage 24 hours or more after instillation. Moderate inflammation may be expected with redness; conjunctivitis may occur with prolonged exposure.

#### **SKIN**

Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected. The material may cause moderate inflammation of the skin either following direct contact or after a delay of some time. Repeated exposure can cause contact dermatitis which is characterized by redness, swelling and blistering.

#### **INHALED**

The material is not thought to produce either adverse health effects or irritation of the respiratory tract following inhalation (as classified using animal models). Nevertheless, adverse effects have been produced following exposure of animals by at least one other route and good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

## CHRONIC HEALTH EFFECTS

Limited evidence suggests that repeated or long-term occupational exposure may produce cumulative health effects involving organs or biochemical systems. Guanidine hydrochloride causes decrease in bone marrow activity usually shown as gastrointestinal disturbance and "pins and needles" in the lips, face and extremities. Irritability, tremor, inco-ordination and seizures can occur, rarely, there is low blood pressure, skin reactions, low blood glucose and increased levels of creatinine. Asians may be more susceptible. Chronic exposure may cause kidney damage.

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