

## 化 学 品 安 全 技 术 说 明 书

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### MSDS标题

QIAGEN BUFFER P1 MSDS报告

### 产品标题

2-氨基-2-羟甲基-1,3-丙二醇盐酸盐;三(羟甲基)氨基甲烷盐酸盐

### CAS号

1185-53-1

### 化学品及企业标识

## PRODUCT NAME

QIAGEN BUFFER P1

## NFPA

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

## PRODUCT USE

Used according to manufacturer' s directions.

## SYNONYMS

"12263 12281 12291 12362 12381 12391 12462 16152 16154 16191", "17122 17124 19046 19048 19051 27104 27106 27142 27144 27152", "27154 27191 960134 960141 962134 962141", "laboratory reagent, ", "Resuspension Buffer P1"

## CANADIAN WHMIS SYMBOLS

## EMERGENCY OVERVIEW

## RISK

## POTENTIAL HEALTH EFFECTS

## ACUTE HEALTH EFFECTS

## SWALLOWED

The material has NOT been classified as "harmful by ingestion". This is because of the lack of corroborating animal or human evidence. 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, unintentional ingestion is not thought to be cause for concern.

## EYE

Although the liquid 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. 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.

## **INHALED**

The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting. Not normally a hazard due to non-volatile nature of product.

## **CHRONIC HEALTH EFFECTS**

There is some evidence that inhaling this product is more likely to cause a sensitization reaction in some persons compared to the general population. There is limited evidence that, skin contact with this product is more likely to cause a sensitization reaction in some persons compared to the general population. One ingredient of the product has caused skin sensitization reactions, shown as localized reddening and hives, or may produce respiratory sensitization characterized by asthma- like symptoms and runny nose.