

## 化 学 品 安 全 技 术 说 明 书

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### MSDS标题

KERRY BIOINVERT 200 MSDS报告

### 产品标题

果糖苷酶

### CAS号

9001-57-4

### 化学品及企业标识

## PRODUCT NAME

KERRY BIOINVERT 200

## NFPA

Flammability	0
Toxicity	0
Body Contact	0
Reactivity	0
Chronic	2

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

## PRODUCT USE

Processing aid in the food/ beverage/ feed industry.

## **SYNONYMS**

"Liquid enzyme preparation"

## **CANADIAN WHMIS SYMBOLS**

## **EMERGENCY OVERVIEW**

## **RISK**

May cause SENSITIZATION by inhalation.

## **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.

## **CHRONIC HEALTH EFFECTS**

Limited evidence suggests that repeated or long-term occupational exposure may produce cumulative health effects involving organs or biochemical systems. 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. Dusts produced by enzymes can attack the respiratory system. Allergic asthma produced after exposure includes spasm, cough and wheezing. Other symptoms include chronic cough, phlegm, fever, muscle pains, fatigue, airway obstruction, and scarring at the top or base of the lungs. There may also be abdominal pain, headache, stomach-ache and a general feeling of unwellness. Prolonged contact can result in skin soreness, redness, inflammation and possible ulceration. There may also be loss of lung function due to scarring.

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