

化学品安全技术说明书

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**MSDS标题**

HAARMANN CINNAMIC ALDEHYDE MSDS报告

**产品标题**

桂皮醛; 苯丙烯醛; 亚苄基乙醛; 反式肉桂醛; 3-苯基丙烯醛; 桂醛

**CAS号**

104-55-2

**化学品及企业标识**

**PRODUCT NAME**

HAARMANN CINNAMIC ALDEHYDE

**NFPA**

Flammability	1
Toxicity	2
Body Contact	2
Reactivity	1
Chronic	2

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

**PRODUCT USE**

Flavours, perfumery.

## **SYNONYMS**

flavouring, perfumery

## **CANADIAN WHMIS SYMBOLS**

## **EMERGENCY OVERVIEW**

### **RISK**

Harmful in contact with skin.

Irritating to skin.

May cause SENSITIZATION by skin contact.

HARMFUL - May cause lung damage if swallowed.

## **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.

#### **EYE**

There is some evidence to suggest that this material can cause eye irritation and damage in some persons. Precautions for handling reactive unsaturated aldehydes should be the same as for those of highly active eye and pulmonary irritants such as phosgene. Sufficient engineering controls, with monitoring where possible, are of importance.

#### **SKIN**

Skin contact with the material may be harmful; systemic effects may result following absorption. This material can cause inflammation of the skin on contact in some persons. The material may cause severe skin irritation after prolonged or repeated exposure and may produce on contact skin redness, swelling, the production of vesicles, scaling and thickening of the skin. Repeated exposures may produce severe ulceration. Harmful in contact with skin. Irritating to skin. May cause SENSITIZATION by skin contact.

## **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. Exposure to aldehydes causes neurological symptoms such as headache, drowsiness, dizziness, seizures, depression and coma. Cardiovascular involvement may result in increased heart rate, collapse and low blood pressure; respiratory effects include throat spasms, irritation, difficulty swallowing, pulmonary edema and an asthma-like condition. Gastrointestinal signs include nausea, blood in vomit, diarrhea, ulcers and abdominal pain. Massive exposures may damage the kidney and liver.

## **CHRONIC HEALTH EFFECTS**

Skin contact with the material is more likely to cause a sensitization reaction in some persons compared to the general population.

Principal routes of exposure are by accidental skin and eye contact and by inhalation of vapors especially at higher temperatures. 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.