

## 化 学 品 安 全 技 术 说 明 书

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### MSDS标题

WAUSAU PAPER TORANIL BH - DESUGARED CALCIUM MSDS报告

### 产品标题

木质素磺酸钙;木钙

### CAS号

8061-52-7

### 化学品及企业标识

## PRODUCT NAME

WAUSAU PAPER TORANIL BH - DESUGARED CALCIUM LIGNOSULFONATE

## 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

Used according to manufacturer' s directions.

# **CANADIAN WHMIS SYMBOLS**

## **EMERGENCY OVERVIEW**

### **RISK**

## **POTENTIAL HEALTH EFFECTS**

### **ACUTE HEALTH EFFECTS**

#### **SWALLOWED**

Accidental ingestion of the material may be damaging to the health of the individual. Ingestion of anionic surfactants may produce diarrhea, bloated stomach, and occasional vomiting.

#### **EYE**

There is some evidence to suggest that this material can cause eye irritation and damage in some persons. Direct eye contact with some anionic surfactants in high concentration can cause severe damage to the cornea. Low concentrations can cause discomfort, excess blood flow, and corneal clouding and swelling. Recovery may take several days.

#### **SKIN**

There is some evidence to suggest that this material can cause inflammation of the skin on contact in some persons. Skin contact is not thought to have harmful health effects, however the material may still produce health damage following entry through wounds, lesions or abrasions. Entry into the bloodstream, 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. Anionic surfactants can cause skin redness and pain, as well as a rash. Cracking, scaling and blistering can occur.

#### **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

Long term exposure to high dust concentrations may cause changes in lung function i.e. pneumoconiosis; caused by particles less than 0.5 micron penetrating and remaining in the lung. Prime symptom is breathlessness; lung shadows show on X-ray. 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. Exposure to Sulfonates can cause an imbalance in cellular salts and therefore cellular function. Airborne sulfonates may be responsible for respiratory allergies and, in some instances, minor dermal allergies. Repeated skin contact with some sulfonated surfactants has produced sensitization dermatitis in predisposed individuals. Lignosulfates may cause eczema.

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