

## 化 学 品 安 全 技 术 说 明 书

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### MSDS标题

WATERCO PULSAR PLUS PELLETS MSDS报告

### 产品标题

氯化石灰;消毒漂白精;漂白粉;含氯石灰

### CAS号

7778-54-3

### 化学品及企业标识

## PRODUCT NAME

WATERCO PULSAR PLUS PELLETS

## NFPA

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

## PRODUCT USE

Control of algae and bacteria in swimming pools.

# CANADIAN WHMIS SYMBOLS

## EMERGENCY OVERVIEW

### RISK

Contact with combustible material may cause fire.

Harmful if swallowed.

Risk of serious damage to eyes.

Irritating to respiratory system 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. Nausea and vomiting are almost always apparent after chlorate poisonings usually with upper stomach pain. Diarrhea may also occur. Chlorates are poisonous to the kidney and this can cause death. Healing can be slow and kidney symptoms last weeks. Often there is severe blood cell damage.

#### EYE

If applied to the eyes, this material causes severe eye damage. This material can cause eye irritation and damage in some persons. Hypochlorite in pool water at concentrations of 1 ppm chlorine or less is non irritating to eyes if the pH is higher than 7.2 (slightly alkaline); At lower pH sensation of stinging, smarting of eyes with transient reddening may occur but generally no injury.

#### SKIN

This material can cause inflammation of the skin on contact in some persons. The material may accentuate any pre-existing dermatitis condition. Skin contact is not thought to produce harmful health effects (as classified using animal models). Systemic harm, however, has been identified following exposure of animals by at least one other route and the material may still produce health damage following entry through wounds, lesions or abrasions. 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**

If inhaled, this material can irritate the throat and lungs of some persons. High concentrations cause inflamed airways and watery swelling of the lungs with edema.

## **CHRONIC HEALTH EFFECTS**

Limited evidence suggests that repeated or long-term occupational exposure may produce cumulative health effects involving organs or biochemical systems.

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