

化 学 品 安 全 技 术 说 明 书

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**MSDS标题**

P-CHLORANIL MSDS报告

**产品标题**

四氯对苯醌;2,3,5,6-四氯-2,5-环己二烯-1,4-二酮;四氯(代)醌

**CAS号**

118-75-2

**化学品及企业标识**

**PRODUCT NAME**

P-CHLORANIL

**NFPA**

Flammability	1
Toxicity	0
Body Contact	2
Reactivity	1
Chronic	0

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

**PRODUCT USE**

Fungicide. In the manufacture of chloranil electrodes for pH measurement. Reagent for pamaquine (Plasmochin) in urine - turns blue. Intermediate for dye- compounds eg. 2, 5-dianilino- 3, 6- dichloroquinone. Vulcanising agent. Intermediate

## SYNONYMS

C6-Cl4-O2, C6Cl4(=O)2, "p-benzoquinone, 2, 3, 4, 6-tetrachloro-", "p-benzoquinone, 2, 3, 4, 6-tetrachloro-", "1, 4-benzoquinone, 2, 3, 5, 6-tetrachloro-", "1, 4-benzoquinone, 2, 3, 5, 6-tetrachloro-", tetrachlorobenzoquinone, tetrachloro-p-benzoquinone, tetrachloro-p-benzoquinone, "tetrachloro-1, 4-benzoquinone", "tetrachloro-1, 4-benzoquinone", "2, 3, 5, 6-tetrachloro-p-benzoquinone", "2, 3, 5, 6-tetrachloro-p-benzoquinone", "2, 3, 5, 6-tetrachloro-1, 4-benzoquinone", "2, 3, 5, 6-tetrachloro-1, 4-benzoquinone", "2, 3, 5, 6-tetrachloro-2, 5-cyclohexadiene-1, 4-dione", "2, 3, 5, 6-tetrachloro-2, 5-cyclohexadiene-1, 4-dione", tetrachloroquinone, tetrachloro-p-quinone, tetrachloro-p-quinone, "Ent 3797", G-25804, G-444E, "Geigy 444E", Reranil, Spergon, "Spergon 1", "Dow Seed Disinfectant No. 5", Vulklor, fungicide

## CANADIAN WHMIS SYMBOLS

## EMERGENCY OVERVIEW

### RISK

Irritating to eyes and skin.

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 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

This material can cause eye irritation and damage in some persons.

#### 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 have harmful health effects, however the material may still produce health damage following entry through wounds, lesions or

abrasions. Open cuts, abraded or irritated skin should not be exposed to this material.

## **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. Persons with impaired respiratory function, airway diseases and conditions such as emphysema or chronic bronchitis, may incur further disability if excessive concentrations of particulate are inhaled.

## **CHRONIC HEALTH EFFECTS**

Long-term exposure to the product is not thought to produce chronic effects adverse to the health (as classified using animal models); nevertheless exposure by all routes should be minimized as a matter of course. 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.