

化 学 品 安 全 技 术 说 明 书

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MSDS标题

O-CHLORANIL MSDS报告

产品标题

氯醌

CAS号

2435-53-2

化学品及企业标识

PRODUCT NAME

O-CHLORANIL

NFPA

Flammability	1
Toxicity	2
Body Contact	2
Reactivity	1
Chronic	0

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

PRODUCT USE

Reagent for the dehydrogenation of hydroaromatic compounds.

SYNONYMS

C6-Cl4-O2, C6Cl4(=O)2, "o-benzoquinone, 3, 4, 5, 6-tetrachloro-", "o-benzoquinone, 3, 4, 5, 6-tetrachloro-", "1, 2-benzoquinone, 3, 4, 5, 6-tetrachloro-", "1, 2-benzoquinone, 3, 4, 5, 6-tetrachloro-", tetrachlorobenzoquinone, tetrachloro-o-benzoquinone, tetrachloro-o-benzoquinone, "tetrachloro-1, 2-benzoquinone", "tetrachloro-1, 2-benzoquinone", "3, 4, 5, 6-tetrachloro-o-benzoquinone", "3, 4, 5, 6-tetrachloro-o-benzoquinone", "3, 4, 5, 6-tetrachloro-1, 2-benzoquinone", "3, 4, 5, 6-tetrachloro-1, 2-benzoquinone", tetrachloroquinone, tetrachloro-o-quinone, tetrachloro-o-quinone

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. Accidental ingestion of the material may be damaging to the health of the individual. Central nervous system (CNS) depression may include general discomfort, symptoms of giddiness, headache, dizziness, nausea, anaesthetic effects, slowed reaction time, slurred speech and may progress to unconsciousness. Serious poisonings may result in respiratory depression and may be fatal.

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. 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 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 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.