

## 化 学 品 安 全 技 术 说 明 书

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### MSDS标题

JUGLONE MSDS报告

### 产品标题

胡桃酮;胡桃醌;5-羟基-4-萘醌

### CAS号

481-39-0

### 化学品及企业标识

## PRODUCT NAME

JUGLONE

## NFPA

Flammability	1
Toxicity	3
Body Contact	0
Reactivity	1
Chronic	0

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

## PRODUCT USE

Colouring matter occurring in certain Juglandaceae spp. Also isolated from walnut shells. Sedative in fish and mammals; inhibits mycelial growth of Fusicladium effusum in pecans. Used also as a pH indicator.

## **SYNONYMS**

"natural product", C10-H6-O3, "1, 4-naphthoquinone, 5-hydroxy-", "1, 4-naphthoquinone, 5-hydroxy-", 5-hydroxynaphthoquinone, 5-hydroxynaphthoquinone, "5-hydroxy-1, 4-naphthoquinone", "5-hydroxy-1, 4-naphthoquinone", "1, 4-naphthalenedione, 5-hydroxy-", "1, 4-naphthalenedione, 5-hydroxy-", "5-hydroxy-1, 4-naphthalenedione", "1, 4-naphthalenedione", "1, 4-naphthoquinone, 8-hydroxy", "1, 4-naphthoquinone, 8-hydroxy", "8-hydroxy-1, 4-naphthoquinone", "8-hydroxy-1, 4-naphthoquinone", "C.I. 75500", "C.I. Natural Brown 7", luglon, juglane, lawsone, nucin, "Oil red BS", regianin, "extract of juglandaceae", walnut, pecan, sedative, anti-fungal

## **CANADIAN WHMIS SYMBOLS**

### **EMERGENCY OVERVIEW**

### **RISK**

Toxic if swallowed.

Harmful to aquatic organisms.

### **POTENTIAL HEALTH EFFECTS**

#### **ACUTE HEALTH EFFECTS**

##### **SWALLOWED**

Toxic effects may result from the accidental ingestion of the material; animal experiments indicate that ingestion of less than 40 gram may be fatal or may produce serious damage to the health of the individual.

##### **EYE**

Although the material is not thought to be an irritant, direct contact with the eye may produce transient discomfort characterized by tearing or conjunctival redness (as with windburn).

##### **SKIN**

The material is not thought to produce adverse health effects or skin irritation following contact (as classified using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting. 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**

Principal routes of exposure are by accidental skin and eye contact and inhalation of generated dusts. No human exposure data available. For this reason health effects described are based on experience with chemically related materials. 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. naphthoquin

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