

## 化学品安全技术说明书

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### MSDS标题

ORBENCARB MSDS报告

### 产品标题

S-(2-氯苄基)-N,N-二乙基硫代氨基甲酸酯;甲基杀草丹;早草丹

### CAS号

34622-58-7

### 化学品及企业标识

## PRODUCT NAME

ORBENCARB

## NFPA

Flammability	1
Toxicity	2
Body Contact	1
Reactivity	1
Chronic	2

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

## PRODUCT USE

Systemic herbicide for pre- emergence control of annual grasses and broad- leaved weeds in barley, wheta, rye, maize, soya beans, cotton and turf. Inhibits formation and elongation of the leaves of germinated weeds and seedlings.

## **SYNONYMS**

C12-H16-Cl-N-O-S, C12-H16-Cl-N-O-S, (CH<sub>3</sub>CH<sub>2</sub>)<sub>2</sub>NCOSCH<sub>2</sub>C<sub>6</sub>H<sub>4</sub>Cl, "carbamic acid, diethylthio-, S-(o-chlorobenzyl) ester", "carbamic acid, diethylthio-, S-(o-chlorobenzyl) ester", "carbamothioic acid, diethyl-, S-[(2-chlorophenyl)methyl] ester", "carbamothioic acid, diethyl-, S-[(2-chlorophenyl)methyl] ester", "2-(2-chlorobenzyl)-N, N-diethylthiolcarbamate", "2-(2-chlorobenzyl)-N, N-diethylthiolcarbamate", B-3356, Lanray, Orthobencarb, "thiocarbamate pesticide/ herbicide"

## **CANADIAN WHMIS SYMBOLS**

## **EMERGENCY OVERVIEW**

### **RISK**

Harmful if swallowed.

## **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. Considered an unlikely route of entry in commercial/industrial environments. The acute toxicity of thiocarbamates is generally low, because of their rapid metabolism. Exposure to high doses may produce signs such as loss of appetite, squinting, excessive production of saliva, watery eyes, hairs standing on end, labored breathing, reduced body temperature, incoordination, depression and rapid muscle twitching.

#### **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. The material may accentuate any pre-existing skin condition. The material may cause skin irritation after prolonged or repeated exposure and may produce on

contact skin redness, swelling, the production of vesicles, scaling and thickening of the skin.

## **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.

## **CHRONIC HEALTH EFFECTS**

Principal routes of exposure are by accidental skin and eye contact and by inhalation of vapors especially at higher temperatures. Thiocarbamates have been shown to alter sperm form and therefore reproduction.

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