

化学品安全技术说明书

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**MSDS标题**

HC-252 MSDS报告

**产品标题**

O-(2-氯-5-(2-氯-A-三氟-P-甲基氧)苯甲酰基)-L-乳酸乙酯

**CAS号**

131086-42-5

**化学品及企业标识**

**PRODUCT NAME**

HC-252

**NFPA**

Flammability	1
Toxicity	2
Body Contact	2
Reactivity	1
Chronic	2

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

**PRODUCT USE**

Contact herbicide for control of broad- leaved weeds in winter wheat, winter barley, peas, soya beans and peanuts. Acts by causing the weed to accumulate tetrapyrrole and protoporphyrin. Tetrapyrroles are photosensitisers which produce photooxidation thus leading to necrosis of the leaf and plant death.

## **SYNONYMS**

"C19-H15-Cl2-F3-O5 (ethyl ester)", F3CC6H3(Cl)OC6H3(Cl)CO2CH(CH3)CO2C2H5, "ethyl O-[2-chloro-5-chloro-alpha, alpha, alpha-trifluoro-p-tolyloxy)benzoyl]-L-lactate", "ethyl O-[2-chloro-5-chloro-alpha, alpha, alpha-trifluoro-p-tolyloxy)benzoyl]-L-lactate", "ethyl (S)-2-chloro-5-[2-chloro-4-(trifluoromethyl)phenoxy]benzoate", "ethyl (S)-2-chloro-5-[2-chloro-4-(trifluoromethyl)phenoxy]benzoate", "diphenyl ether 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. Ingestion may result in nausea, pain, vomiting. Vomit entering the lungs by aspiration may cause potentially lethal chemical pneumonitis.

#### **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. The liquid may produce skin discomfort following prolonged contact. Defatting and/or drying of the skin may lead to dermatitis. Chlorinated diphenyl ethers may produce skin irritation; systemic toxicity may occur following absorption.

## **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. Inhalation hazard is increased at higher temperatures. Inhalation of vapor may aggravate a pre-existing respiratory condition.

## **CHRONIC HEALTH EFFECTS**

Principal routes of exposure are usually by skin contact/absorption and inhalation of vapor. Prolonged contact with chlorinated diphenyl ethers may cause skin irritation, weight loss and liver injury. Repeated absorption has produced liver damage in animals.

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