

化 学 品 安 全 技 术 说 明 书

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**MSDS标题**

HALOXYFOP-METHYL MSDS报告

**产品标题**

甲基合氯氟

**CAS号**

69806-40-2

**化学品及企业标识**

**PRODUCT NAME**

HALOXYFOP-METHYL

**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**

Selective herbicide for pre- and post- emergence control of annual and perennial grasses in sugar beet, fodder beet, oilseed rape, potatoes, leaf vegetables, onions, flax, sunflowers, soya beans, vines, strawberries and other crops. Inhibits growth of meristematic tissues. Intermediate

## **SYNONYMS**

C16-H13-Cl-F3-N-O4, C16-H13-Cl-F3-N-O4, "propanoic acid, ", 2-[4-((3-chloro-5-(trifluoromethyl)-2-pyridinyl)oxy)phenoxy]-, 2-[4-((3-chloro-5-(trifluoromethyl)-2-pyridinyl)oxy)phenoxy]-, "haloxyfop-R (R-methyl ester)", "Dowco 453 methyl ester", Verdict, "pesticide/ herbicide"

## **CANADIAN WHMIS SYMBOLS**

None

## **EMERGENCY OVERVIEW**

### **RISK**

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 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.

#### **EYE**

Although the material is not thought to be an irritant, direct contact with the eye may cause transient discomfort characterized by tearing or conjunctival redness (as with windburn). Slight abrasive damage may also result. The material may produce foreign body irritation in certain individuals.

#### **SKIN**

Skin contact is not thought to produce harmful health effects (as classified using animal models). Systemic harm, however, has been identified

following exposure of animals by at least one other route and the material may still produce health damage following entry through wounds, lesions or abrasions. 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. 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.