

## 化 学 品 安 全 技 术 说 明 书

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### MSDS标题

LACTOFEN MSDS报告

### 产品标题

克阔乐

### CAS号

77501-63-4

化学品及企业标识

### PRODUCT NAME

LACTOFEN

### NFPA

Flammability	1
Toxicity	2
Body Contact	2
Reactivity	0
Chronic	2
SCALE: Min/Nil=0 Low=1 Moderate=2 High=3 Extreme=4	

### PRODUCT USE

Selective herbicide for control of broad- leaved leaves in cereals, potatoes, soya beans, rice and peanuts.

## SYNONYMS

C19-H15-Cl-F3-N-O7, C19-H15-Cl-F3-N-O7, F3CC6H3(Cl)OC6H3(NO2)CO2CH(CH3)CO2C2H5, "benzoic acid, 5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitro-, 2-ethoxy-1-methyl-2-oxoethyl ester", "benzoic acid, 5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitro-, 2-ethoxy-1-methyl-2-oxoethyl ester", "1'-(carboethoxy)ethyl 5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoate", "1'-(carboethoxy)ethyl 5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoate", "5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoic acid2-ethoxy-1-methyl-2-oxoethyl ester", "5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoic acid2-ethoxy-1-methyl-2-oxoethyl ester", Cobra, PPG-844, "diphenyl ether pesticide/ herbicide"

## CANADIAN WHMIS SYMBOLS

## EMERGENCY OVERVIEW

### RISK

Irritating to eyes.

## 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. Considered an unlikely route of entry in commercial/industrial environments.

### EYE

This material can cause eye irritation and damage in some persons. The material may produce severe irritation to the eye causing pronounced inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

### 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. Chlorinated diphenyl ethers may produce skin irritation; systemic toxicity may occur following absorption.

## **INHALED**

There is some evidence to suggest that this material, if inhaled, can irritate the throat and lungs of some persons. Although inhalation is not thought to produce harmful effects, the material may still produce health damage, especially where pre-existing organ (e.g. liver, kidney) damage is evident. Present definitions of harmful or toxic substances are generally confined to doses producing mortality (death) rather than those producing morbidity (disease, ill-health). Inhalation hazard is increased at higher temperatures. Acute effects from inhalation of high vapor concentrations may be chest and nasal irritation with coughing, sneezing, headache and even nausea.

## **CHRONIC HEALTH EFFECTS**

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