

## MATERIAL SAFETY DATA SHEET

### ULV SP

#### SECTION 1. IDENTIFICATION OF THE SUBSTANCE

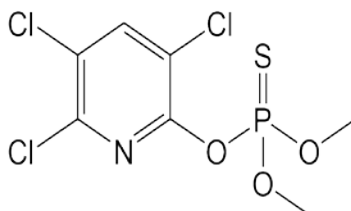
##### Identification of Substance

-Product Name : Chlorpyrifos + Lambda Cyhalothrin 24/2.5% EC

##### a) Chloropyrifos :

-Chemical Name: diethoxy-sulfanylidene-(3,5,6-trichloropyridin-2-yl)oxy-phosphane (IUPAC)

-Structure:

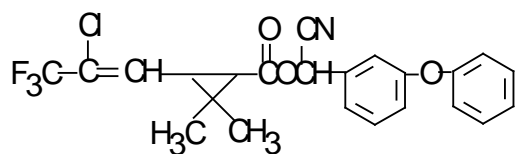


##### B) Lambda-cyhalothrin

-Chemical Name:

(S)-  $\alpha$ -cyano-3-phenoxybenzyl (Z)-(1R,3R)-3-(2-chloro-3,3,3-trifluoropropenyl)-2,2-dimethylcyclopropanecarboxylate and (R)-  $\alpha$ -cyano-3-phenoxybenzyl (Z)- (1S,3S)-3-(2-chloro-3,3,3-trifluoropropenyl)-2,2-dimethylcyclopropanecarboxylate.

-Structure



#### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

-Composition :

-Chlorpyrifos	24 %
-Lambda-Cyhalothrin	2.5 %
Other	73.5%

### **SECTION 3. HAZARDS IDENTIFICATION**

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No dangerous.

CARCINOGENIC EFFECTS: Not carcinogenic

MUTAGENIC EFFECTS: No mutagenic

TERATOGENIC EFFECTS: No teratogenic

DEVELOPMENTAL TOXICITY: No effect

### **SECTION 4.FIRST AID MEASURES**

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**In case of inhalation** : No dangerous

**In case of skin contact** : Wash with water.

**In case of eye contact** : Wash with water.

**In case ingestion** : Drink water

### **SECTION 5.FIRE FIGHTING MEASURES**

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**Protection against fire and explosion:** No special requirement.

**Extinguishment methods:** Water or any other.

**Excluded extinction Methods:** None.

### **SECTION 6.ACIDENTAL RELEASE MEASURES**

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#### **Small Spill:**

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

#### **Large Spill:**

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

### **SECTION 7.HANDLING AND STORAGE**

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#### **Precautions:**

1. Keep away from heat.
2. Do not ingest.
3. Do not breathe dust.

#### **Storage:**

1. Keep container dry.
2. Keep in a cool place.

## **SECTION 8.EXPOSURE CONTROL/PERSONAL PROTECTION**

### **Personal Protection:**

Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

### **Personal Protection in Case of a Large Spill:**

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product.

## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

-Appearance:	Light brown homogenous liquid with mercaptan odor
Flash point:	85°C
-Density:	1.19 (20 °C)
-Corrosion:	Non-corrosive
-Solubility:	In water 1.4mg/l (25 °C) (tech) .
-Contents :	Chloropyrifos : 24 % Lambda-Cyhalothrin 2.5%

## **SECTION 10.STABILITY AND REACTIVITY**

**Stability** Stable under normal conditions

## **SECTION 11.TOXICOLOGICAL INFORMATION**

**Acute toxicity:** Not toxic

### **Chronic Effects:**

CARCINOGENIC EFFECTS: Not carcinogenic

MUTAGENIC EFFECTS: No mutagenic

TERATOGENIC EFFECTS: No teratogenic

DEVELOPMENTAL TOXICITY: No effect

## **SECTION 12. ECOLOGICAL INFORMATION**

**Biodegradability:** The product is biodegradable.

**Ecological and biological effects:** None

## **SECTION 13. DISPOSAL INSTRUCTION**

Check with all applicable local, regional, and national laws and regulations.  
Local regulations may be more stringent than regional or national regulations.

Small amounts of this material may be suitable for sanitary sewer or trash disposal.

#### **SECTION 14. TRANSPORT INFORMATION**

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This product is not classified as a Dangerous Good.

#### **SECTION 15. REGULATORY INFORMATION**

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Acute: Yes

Chronic: No

Fire: No

Read and follow all label directions.

#### **SECTION 16. OTHER INFORMATION**

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The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements.