

# Syngenta Crop Protection Canada, Inc.

## MATERIAL SAFETY DATA SHEET

### VENTURE® L

Date issued: 03-09-18 (Y/M/D)

#### Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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Company : Syngenta Crop Protection Canada, Inc  
140 Research Lane  
Guelph, ON  
N1G 4Z3

Phone number : 1-87S-YNGENTA (1-877-964-3682)

Emergency phone : 1-800-327-8633 (1-800-FASTMED)

Name used on label : VENTURE® L

Product use : Herbicide

Formulation Number : A12791N

Registration Number : 21209

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#### Section 2 - COMPOSITION/INFORMATION ON INGREDIENTS

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Identity	CAS-no.	Typical %	Other information
FLUAZIFOP-P-BUTYL TECHNICAL			
	79241-46-6	13 % w/w	
Petroleum Solvent			
	64742-94-5	30 .. 60 % w/w	
ISOBUTANOL			
	78-83-1	4 .. 10 % w/w	

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#### Section 3 - HAZARDS IDENTIFICATION

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Physical hazards: None

Health hazards: Irritant (skin, eye, respiratory passages) Harmful by ingestion.

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#### Section 4 - FIRST AID MEASURES

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##### IF IN EYES:

Immediately flush eyes with running water for a minimum of 20 minutes.  
Hold eyelids open during flushing. If irritation persists, repeat  
flushing. Obtain medical attention immediately.

##### IF ON SKIN:

Flush skin with running water for a minimum of 20 minutes. Start flushing  
while removing contaminated clothing. If irritation persists, repeat  
flushing. Obtain medical attention immediately.

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### IF SWALLOWED:

Provided the patient is conscious, wash out mouth with water. Immediately contact Syngenta's Emergency Information Network at 1-800-F-A-S-T-M-E-D (327-8633). Do not induce vomiting. Vomiting should only be induced under the direction of a physician or a poison control center. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomitus, rinse mouth and administer water. Obtain immediate medical attention.

### IF INHALED:

Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is labored, give oxygen. Obtain immediate medical attention.

### MEDICAL ADVICE:

This product contains materials that may cause severe pneumonitis if aspirated. If ingestion has occurred less than 2 hours earlier, carry out careful gastric lavage; use endotracheal cuff if available, to prevent aspiration. Observe patient for respiratory difficulty from aspiration pneumonitis. Give artificial resuscitation and appropriate chemotherapy if respiration is depressed. Symptomatic treatment and supportive therapy as indicated.

## Section 5 - FIRE FIGHTING MEASURES

Flash point: 40 °C Method: TCC

Autoignition temperature: Not available.

Flammable limits (LEL): Not available.

### UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS:

During a fire, irritating and possibly toxic gases may be generated by thermal decomposition or combustion. **FLAMMABLE LIQUID**. Can release vapours that form explosive mixtures at temperatures above the flashpoint.

### EXTINGUISHING MEDIA:

For large fires, use foam or water-fog; avoid use of water jet. For small fires, use foam, carbon dioxide or dry powder extinguishant. Water spray should be used to cool containers.

### PROTECTIVE EQUIPMENT:

Self-contained breathing apparatus with full face-piece and protective clothing.

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## Section 6 - ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS:

Steps to be taken in case material is released or spilled:

Contain spill and keep out of sewers and drains. Wear suitable protective clothing.

### METHODS FOR CLEANING UP:

Generously cover the contaminated areas with common, household detergent (e.g. TIDE, registered trademark of Proctor and Gamble Co.). Using a stiff brush and small amounts of water, work the detergent into the remaining spilled material forming a slurry. Brush the slurry into cracks and crevices and allow to stand for 2-3 minutes. Be careful to completely avoid skin or eye contact. Do not splatter on oneself or bystanders. Remove as much as possible by absorbing with inert material. Remove any contaminated soil. Place in closed, labeled containers and store in a safe place to await disposal.

Seal drum and dispose of contaminated material in a facility permitted for hazardous waste. Large spills should be handled according to a spill plan.

Otherwise, in case of emergency call, day or night, 1-800-327-8633

### Deactivating Chemicals:

None known.

## Section 7 - HANDLING AND STORAGE

### SAFE HANDLING ADVICE:

Take precautionary measures against static discharges. Use spark-resistant tools and avoid "splash-filling" of containers. Use normal good industrial hygiene and housekeeping practices.

### REQUIREMENTS FOR STORAGE ROOMS:

Keep in a cool, well-ventilated place. Keep away from heat and sources of ignition. Keep container tightly closed.

### ADDITIONAL INFORMATION:

Do not expose sealed containers to temperatures above 40 Deg. C.

### Storage Temperature

Ideal storage temperature is 10-27 Deg. C.

## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational exposure limits

Syngenta Standard FLUAZIFOP-P-BUTYL TECHNICAL

8 hr TWA 0.5 mg/m<sup>3</sup>

OES/HSE ISOBUTANOL

8 hr TWA 50 ppm

150 mg/m<sup>3</sup>



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## Section 10 - STABILITY AND REACTIVITY

### HAZARDOUS REACTIONS (CONDITIONS TO AVOID)

Stability: Stable under normal conditions. Can be made to burn under fire conditions.

Incompatibility: Strong oxidizing agents. Unstable under highly alkaline conditions.

Hazardous polymerization: Will not occur.

Conditions to avoid: High temperatures, sparks, open flames. Keep away from sources of ignition

- No Smoking.

### HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition products are toxic and may include hydrocarbons, oxides of carbon and nitrogen and fluorine compounds. Mists from heated solution may cause respiratory irritation.

## Section 11 - TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY (LETHAL DOSES)

LD50 Oral rat: 2451 mg/kg

Additional inform. : Fluazifop-p-butyl

This product may cause irritation, a burning sensation of the mouth, throat and respiratory tract and abdominal pain. Central nervous system (CNS) depression, peripheral nervous system (PNS) effects, liver damage & damage to the reproductive system.

LD50 Dermal rabbit: > 2076 mg/kg

Additional inform. : Repeated and/or prolonged contact may cause dermatitis.

May cause defatting, drying and cracking of the skin. May be absorbed through intact skin. Central nervous system (CNS) depression, peripheral nervous system (PNS) effects, liver damage & damage to the reproductive system.

LC50 Inhalation rat: > 5240 mg/m<sup>3</sup> Period: 4 hours

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Additional inform. : Product is irritating to the nose, throat and respiratory tract. Central nervous system (CNS) depression, peripheral nervous system (PNS) effects, liver damage & damage to the reproductive system.

LC50 Inhalation rat: 8000 ppm - 4 hours

Additional inform. : ISOBUTANOL SOLUTION

ACUTE TOXICITY (IRRITATION, SENSITIZATION ETC.)

Eye contact Results: IRRITANT

Additional inform. : This product causes irritation, redness and pain.

#### GENERAL INFORMATION ABOUT ACUTE OR OTHER TOXICITIES

Other effects of overexposure:

CNS depression is characterized by headache, dizziness, drowsiness, nausea vomiting and incoordination. Severe overexposure may lead to comma and possible death due to respiratory failure.

Peripheral neuropathy is a progressive disorder of the nervous system characterized by sensory and motor abnormalities, muscle spasms, weakness and pain in the arms and legs, numbness and tingling of the fingers and toes and paralysis.

Intentional misuse of organic solvents (eg. "glue sniffing") over prolonged periods of time may be habit forming and lead to behavioral changes.

Teratogenic/fetotoxic/embryotoxic effects in rats consisted of increased incidence of diaphragmatic hernia and reduced body weights at high dose levels relative to that seen in the control groups. Human exposure trials have indicated that skin absorption is unlikely to result in accumulation of significant levels and therefore the risk of these effects occurring is thought to be negligible. Nevertheless, it is prudent to restrict exposures to this product by the ongoing use of protective equipment and appropriate control measures and techniques.

General information

The ingredient(s) of this product is (are) not classified as carcinogenic by ACGIH or IARC, not regulated as carcinogens by OSHA and not listed as carcinogens by NTP.

Large doses of fluzifop-p-butyl may cause reproductive effects based on studies in laboratory animals. It is our belief that, under conditions of normal occupational exposure, this product should not pose such a hazard to the worker.

There is no evidence of mutagenic potential.

Large doses of fluzifop-p-butyl may cause teratogenic/embryotoxic effects

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based on studies in laboratory animals. It is our belief that, under conditions of normal occupational exposure, this product should not pose such a hazard to the worker.

## Section 12 - ECOLOGICAL INFORMATION

ECOTOXICITY

Additional inform. : This material is toxic to fish and wildlife.

## Section 13 - DISPOSAL CONSIDERATIONS

Disposal Method:

Dispose of in facility permitted for hazardous waste.

Container disposal:

Empty container retains product residue. Triple rinse, or equivalent, empty container, return rinse water to dilution mixture, and dispose of dilution mixture as a hazardous waste if it cannot be disposed of by use according to label instructions. Do not reuse container. Offer it for recycling or reconditioning, or puncture and dispose of in properly permitted landfill.

## Section 14 - TRANSPORT INFORMATION

TRANSPORT/ADDITIONAL INFORMATION

Road (TDG) transport:

Not Regulated By TDG

## Section 15 - REGULATORY INFORMATION

HAZARDOUS INGREDIENTS

FLUAZIFOP-P-BUTYL TECHNICAL

ISOBUTANOL

Other regulations, restrictions and prohibitions

Pest Control Products (PCP) Act Registration No.:  
21209

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## Section 16 - OTHER INFORMATION

The information contained herein is offered only as a guide to the handling of this specific material and has been prepared in good faith by technically knowledgeable personnel. It is not intended to be all-inclusive and the manner and conditions of use and handling may involve other and additional considerations. No warranty of any kind is given or implied and Syngenta will not be liable for any damages, losses, injuries or consequential damages which may result from the use of or reliance on any information contained herein. This Material Safety Data Sheet is valid for three years. This product is under the jurisdiction of the Pest Control Products Act and is exempt from the requirements for a WHMIS compliant MSDS. Hazardous properties of all ingredients have been considered in the preparation of this MSDS. Read the entire MSDS for the complete hazard evaluation of this product.