



## Safety Data Sheet (GHS)

### 1. IDENTIFICATION

**Product identifier**

**PRODUCT NAME:** Fierce® Herbicide

**PCPA REGISTRATION NUMBER:** 31117  
**VC NUMBER(S):** 1763, 1868  
**Synonyms:** Torpedo Herbicide (Reg. No. 31559), Fierce Manufacturing Use Product (Reg. No. 31863) and Fierce Master Herbicide (Reg. No. 33116)

**PRODUCT DESCRIPTION:** Herbicide

*Fierce* is a Registered trademark of Valent U.S.A. LLC

**Recommended use of the chemical and restrictions on use**

**Recommended Use:** Use in accordance with label directions

**Restrictions on use:** No information available

**Details of the supplier of the safety data sheet**

**MANUFACTURER/DISTRIBUTOR**  
 VALENT CANADA, INC.  
 Unit 201 230 Hanlon Creek Blvd.  
 Guelph, Ontario N1C 0A1  
 (519) 767-9262  
 www.valent.ca

**EMERGENCY TELEPHONE NUMBERS**  
**HEALTH EMERGENCY OR SPILL (24 hr.):**  
 (800) 682-5368  
**TRANSPORTATION (24 hr.): CHEMTREC**  
 (800) 424-9300 or (202) 483-7616

**24 Hour Emergency Phone Number:** 800-682-5368

**Restrictions on emergency number:** None

### 2. HAZARDS IDENTIFICATION

**Classification:** Per WHMIS 2015  
 This product has been classified under the Guidelines of 2015 Health Canada requirements and the implementation of the GHS (Revision 5) under HPR and the HPA.

Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Serious eye damage/eye irritation	Category 2B
Carcinogenicity	Category 2
Reproductive toxicity	Category 2
Specific target organ toxicity - repeated exposure	Category 2

**Label elements**

**WARNING****Hazard statements**

Harmful if inhaled  
Causes eye irritation.  
Suspected of causing cancer  
Suspected of damaging fertility or the unborn child  
May cause damage to organs through prolonged or repeated exposure

**Precautionary Statements - Prevention**

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Wear protective gloves/protective clothing/eye protection/face protection  
Do not breathe dust/fume/gas/mist/vapors/spray  
Do not eat, drink or smoke when using this product  
Use only outdoors or in a well-ventilated area  
Wash face, hands and any exposed skin thoroughly after handling

**Precautionary Statements - Response**

IF EXPOSED OR CONCERNED: Get medical advice/attention

**Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention

**Inhalation**

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
Call a POISON CENTRE or doctor/physician if you feel unwell

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container in accordance with local regulations

**OTHER INFORMATION**

Very toxic to aquatic life

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Substance**

Not applicable.

**Mixture**

Emergency Telephone: (800) 682-5368  
REVISION NUMBER: 6

SDS NO.: CAN-0438  
REVISION DATE: 08/29/2019

**Synonyms** Torpedo Herbicide (Reg. No. 31559), Fierce Manufacturing Use Product (Reg. No. 31863) and Fierce Master Herbicide (Reg. No. 33116).

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Flumioxazin	103361-09-7	33.5	-	-
Pyoxasulfone	447399-55-5	42.5	-	-
Hydrated Amorphous Silica	112926-00-8	0.5	-	-
Other ingredients	Various CAS#s	23.5 *	-	-

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

#### 4. FIRST AID MEASURES

<b>General advice</b>	Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.
<b>Inhalation</b>	Move the person to fresh air. If the person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.
<b>Eye contact</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, and after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.
<b>Skin contact</b>	Take off contaminated clothing. Wash off immediately with plenty of water for at least 15-20 minutes. Call a poison control centre or doctor for treatment advice.
<b>Ingestion</b>	Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth of an unconscious person.
<b>Self-protection of the first aider</b>	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8).

#### Most important symptoms and effects, both acute and delayed

**Symptoms** No information available.

#### Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Carbon dioxide, dry chemical, foam, or water.
<b>Large Fire</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Unsuitable extinguishing media</b>	Do not scatter spilled material with high pressure water streams.
<b>Specific hazards arising from the chemical</b>	No information available.

**Hazardous combustion products:** Thermal decomposition or combustion may product harmful/irritant gas or fume such as nitrogen oxides, carbon oxides, hydrogen fluoride or organic compounds.

**Explosion data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

**Other information** Refer to protective measures listed in Sections 7 and 8.

### Methods and material for containment and cleaning up

**Methods for containment** Reduce airborne dust. Avoid runoff into storm sewers or other bodies of water. Keep well ventilated. Wear proper personal protective equipment.

**Methods for cleaning up** Clean up spill immediately. Vacuum or sweep up material and place in a chemical waste container. Wash area with soap and water. Pick up wash liquid with additional absorbent and place in a chemical waste container. Prevent wash water from entering surface water or drains. Wear proper personal protective equipment.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

Do no eat, drink or smoke when using this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and shoes immediately. Then wash thoroughly and put on clean clothing.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep/store only in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Do not put formulaton or dilute spray solution into food or drink containers. Do not contaminate food or feed stuffs. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

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**Exposure Limits**

Chemical name	Alberta	British Columbia	Ontario	Quebec
Hydrated Amorphous Silica		TWA: 4 mg/m <sup>3</sup> TWA: 1.5 mg/m <sup>3</sup>		TWA: 6 mg/m <sup>3</sup>

**Appropriate engineering controls**

**Engineering controls**                      Showers  
 Eyewash stations  
 Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**                      Goggles. Face protection shield.

**Hand protection**                              Wear suitable gloves.

**Skin and body protection**                      Wear suitable protective clothing. Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

**Respiratory protection**                      Use appropriate respiratory protection. This may include a respirator with appropriate NIOSH-approved cartridges. See label for specific requirements.

**General hygiene considerations**                      Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

**Physical state**                                      Free-flowing granules  
**Appearance**                                      Granules  
**Colour**    Brown  
**Odour**    Musty  
**Odor threshold:**                                      No information available

<b>PROPERTIES</b>	<b>Values</b>	<b>Remarks • Method</b>
<b>pH</b>	6.7 (1% suspension)	@ 22° C
<b>Melting point/freezing point</b>	No Data Available	None known
<b>Boiling point/boiling range</b>	No data available	None known
<b>Flash point</b>	No Data Available	None known
<b>Evaporation rate</b>	No Data Available	None known
<b>Flammability (solid, gas)</b>	No Data Available	None known
<b>Flammability Limits in Air</b>		None known
<b>Upper flammability limits</b>	No Data Available	
<b>Lower Flammability Limit:</b>	No Data Available	
<b>Vapour pressure</b>	No Data Available	None known
<b>Vapour density</b>	No Data Available	None known
<b>Relative density</b>	No Data Available	None known
<b>Water solubility</b>	No Data Available	None known
<b>Solubility in other solvents</b>	No Data Available	None known
<b>Partition coefficient</b>	No Data Available	None known
<b>Autoignition temperature</b>	No Data Available	None known

Decomposition temperature	No Data Available	None known
Kinematic viscosity	No Data Available	None known
Dynamic viscosity	No Data Available	None known

**OTHER INFORMATION**

Explosive properties	No information available.
Oxidizing properties	No information available.
Softening point	No information available
Molecular weight	No information available
VOC (EPA METH.24) (G/L):	No information available
Liquid Density	42.4 lb/ft <sup>3</sup>
Bulk density	No information available

**10. STABILITY AND REACTIVITY**

Reactivity	No information available.
Chemical stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None under normal processing.
Conditions to avoid	Extremes of temperature and direct sunlight.
Incompatible materials	Incompatible with strong acids and bases.
Hazardous Decomposition Products:	May produce toxic gases of: hydrogen cyanide, carbon dioxide, carbon monoxide, oxides of sulfur, oxides of nitrogen, and various other hydrocarbons.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity:**

The following information is for a similar product.

Oral Toxicity LD <sub>50</sub> (rats)	> 5,000 mg/kg (female)	EPA Tox Category	IV
Dermal Toxicity LD <sub>50</sub> (rats)	> 5,000 mg/kg	EPA Tox Category	IV
Inhalation Toxicity LC <sub>50</sub> (rats)	> 2.04 mg/L	EPA Tox Category	IV
Eye Irritation (rabbits)	Moderately irritating	EPA Tox Category	III
Skin Irritation (rabbits)	Slightly irritating	EPA Tox Category	III
Skin Sensitization (guinea pigs)	Not a contact sensitizer.	EPA Tox Category	Not applicable

**CARCINOGEN CLASSIFICATION**

Chemical name	IARC	OSHA - Select Carcinogens	NTP Carcinogen List
Flumioxazin	Not listed	Not listed	Not listed
Pyroxasulfone	Not listed	Not listed	Not listed
Hydrated Amorphous Silica	Not Listed	Not listed	Not listed
Other ingredients	Not listed	N'est pas classée	Not listed

**TOXICITY OF FLUMIOXAZIN TECHNICAL:**

**Subchronic:** Compound related effects of Flumioxazin Technical noted in rats following subchronic exposures at high dose levels were hematotoxicity including anemia, and increases in liver, spleen, heart, kidney and thyroid weights. In dogs, the effects produced at high dose levels included a slight prolongation in activated partial thromboplastin time, increased cholesterol and phospholipid, elevated alkaline phosphatase, increased liver weights and histological changes in the liver. The lowest no-observable-effect-level (NOEL) in subchronic studies was 30 ppm

in the three-month toxicity study in rats.

**Chronic/Carcinogenicity:** In a one year dog feeding study, Flumioxazin Technical produced treatment-related changes in blood chemistry and increased liver weights at 100 and 1000 mg/kg/day. Minimal treatment-related histological changes were noted in the livers of animals in the 1000 mg/kg/day group. Based on these data the NOEL is 10 mg/kg/day. Dietary administration of Flumioxazin Technical for 18 months produced liver changes in mice of the 3000 and 7000 ppm groups. There was no evidence of any treatment-related oncogenic effect. The NOEL for this study is 300 ppm. Dietary administration of Flumioxazin Technical for 24 months produced anemia and chronic nephropathy in rats of the 500 and 1000 ppm groups. The anemia lasted throughout the treatment period, however, it was not progressive nor aplastic in nature. No evidence of an oncogenic effect was observed. The NOEL for this study is 50 ppm.

**Developmental Toxicity:** Flumioxazin Technical produces developmental toxicity in rats in the absence of maternal toxicity at doses of 30 mg/kg/day by the oral route and 300 mg/kg/day by the dermal route. The developmental effects noted consisted primarily of decreased number of live fetuses and fetal weights, cardiovascular abnormalities, wavy ribs and decreased number of ossified sacrococcygeal vertebral bodies. The developmental NOEL in the rat oral and dermal developmental toxicity studies were 10 and 100 mg/kg/day, respectively. The response in rabbits was very different from that in rats. No developmental toxicity was noted in rabbits at doses up to 3000 mg/kg/day, a dose well above the maternal NOEL of 1000 mg/kg/day.

Mechanistic studies indicate that the effects seen in the rat are highly unlikely to occur in the human and that flumioxazin would not be a developmental toxicant in the human.

**Reproduction:** Reproductive toxicity was observed in F1 males, P1 females and F1 females at 300 ppm Flumioxazin Technical, the highest dose tested and a dose that also produced signs of systemic toxicity. Toxicity was also observed in the F1 and F2 offspring at doses of 200 ppm and greater.

**Mutagenicity:** Flumioxazin Technical was not mutagenic in most *in vitro* assays: gene mutation and a chromosome aberration assay in the absence of metabolic activation. In three *in vivo* assays, chromosome aberration, unscheduled DNA synthesis and micronucleus assay, Flumioxazin Technical was not mutagenic. The only positive response was observed in the *in vitro* chromosome aberration assay in the presence of metabolic activation. Overall, Flumioxazin Technical does not present a genetic hazard.

#### TOXICITY OF PYROXASULFONE TECHNICAL:

**Subchronic:** Pyroxasulfone related effects include increased AST, slight liver and kidney weight increases, increased cardiomyopathy, centrilobular hepatocellular hypertrophy and hyperplastic urinary bladder mucosa. The NOAEL in rats was 50 ppm. No neurotoxicity was observed at acute doses to rats as high as 2000 mg/kg.

**Chronic/Carcinogenicity:** Pyroxasulfone was not carcinogenic in lifetime feeding studies in mice. Pyroxasulfone produced an increased incidence of urinary bladder transitional cell papillomas in male rats in a two-year carcinogenicity study. The tumours seen with Pyroxasulfone were caused through a non-genotoxic mechanism, which is not relevant at low doses.

**Reproduction:** Pyroxasulfone did not produce effects on fertility or the embryo at the dosage of which general toxicity to parental animals was observed.

**Mutagenicity:** Pyroxasulfone is not mutagenic according to results for an *in vitro* reverse mutation test, chromosomal aberration test and *in vivo* mouse bone marrow micronucleus test.

**SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE:** Pyroxasulfone caused specific target organ toxicity in experimental animal studies in the following organs(s): Liver, Kidney, Urinary bladder, Heart.

For a summary of the potential for adverse health effects from exposure to this product, refer to Section 2. For information regarding regulations pertaining to this product, refer to Section 15.

## 12. ECOLOGICAL INFORMATION

### AVIAN TOXICITY:

Based upon EPA designation, Flumioxazin Technical is practically non-toxic to avian species. The following results were obtained from studies with Flumioxazin Technical:

Oral LD<sub>50</sub> bobwhite quail: greater than 2250 mg/kg  
Dietary LC<sub>50</sub> bobwhite quail: greater than 5620 ppm  
Dietary LC<sub>50</sub> mallard duck: greater than 5620 ppm

No reproductive effects were observed in bobwhite quail exposed to 500 ppm Flumioxazin Technical in the diet. In mallard ducks, a slight, but not statistically significant reduction in hatchlings and 14-day old survivors was observed. Based on a possible, slight effect on egg production at 500 ppm, the NOEL for this study was 250 ppm.

The following results were obtained from studies with Pyroxasulfone Technical:

LD<sub>50</sub> bobwhite quail: greater than 2250 mg/kg

**AQUATIC ORGANISM TOXICITY:** Based upon EPA designation, Flumioxazin Technical is slightly to moderately toxic to freshwater fish; moderately toxic to freshwater invertebrates; moderately toxic to estuarine/marine fish and moderately to highly toxic estuarine/marine invertebrates, based on the following tests:

96-hour LC<sub>50</sub> rainbow trout: 2.3 mg/L  
96-hour LC<sub>50</sub> bluegill sunfish: greater than 21 mg/L  
48-hour LC<sub>50</sub> Daphnia magna: 5.5 mg/L  
96-hour LC<sub>50</sub> sheepshead minnow: greater than 4.7 mg/L  
96-hour (shell deposition) EC<sub>50</sub> eastern oyster: 2.8 mg/L  
96-hour LC<sub>50</sub> mysid shrimp: 0.23 mg/L  
Fish early life-stage (rainbow trout): NOEC >7.7 µg/L, <16 µg/L  
Chronic toxicity (mysid shrimp): NOEC >15 µg/L, <27 µg/L  
Chronic toxicity (Daphnia magna): NOEC >52 µg/L, <99 µg/L

Pyroxasulfone Technical is very toxic to aquatic organisms; special attention should be given to aquatic plants. Based upon EPA designation, the following test results are based on Pyroxasulfone Technical:



96-hour LC<sub>50</sub> rainbow trout: greater than 2.2 mg/L  
 96-hour LC<sub>50</sub> bluegill: greater than 2.8 mg/L  
 48-hour LC<sub>50</sub> Daphnia magna: greater than 4.4 mg/L  
 96-hour LC<sub>50</sub> sheepshead minnow: greater than 3.3 mg/L  
 96-hour EC<sub>50</sub> algae = 0.00038 mg/L  
 7-day EC<sub>50</sub> Spirodela polyrhiza = 0.0055 mg/L  
 14-day LC<sub>50</sub> Earthworm = 997 mg/kg

**OTHER NON-TARGET ORGANISM TOXICITY:**

Flumioxazin Technical is practically non-toxic to bees. The acute contact LC<sub>50</sub> in bees was greater than 105 µg/bee.  
 Pyroxasulfone Technical is practically non-toxic to bees. The acute contact (48-hour) LD<sub>50</sub> in bees was greater than 100 µg/bee.

**OTHER ENVIRONMENTAL INFORMATION:**

This product is toxic to non-target plants and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below mean high water mark. Do not apply where runoff is likely to occur. Do not apply where weather conditions favor drift from areas treated. Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate.

### 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Waste from residues/unused products**

Dispose of in accordance with local regulations. For information on disposal of unused, unwanted product, contact the provincial regulatory agency or manufacturer. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

**Contaminated packaging**

Do not reuse empty containers. Triple- or pressure-rinse the container. Add the rinsings to the spray mixture in the tank. Make the empty container unsuitable for further use. If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

### 14. TRANSPORTATION INFORMATION

**DOT (ground) shipping name:** Not regulated for domestic ground transport by US DOT or Canada TDG.

**Remarks:** None

**Emergency Response Guidebook No.:**

Not applicable

**ICAO/IATA proper shipping name:**

UN3077 Environmentally Hazardous Substance, Solid, N.O.S. (Flumioxazin, Pyroxasulfone), 9, III, Marine Pollutant

**Remarks:**

•Single or inner packaging less than 5 L (liquids) or 5 kg net (solids) excepted from Dangerous Goods regulations -- see IATA Special Provision A197.

**IMDG proper shipping name:**

UN3077 Environmentally Hazardous Substance, Solid, N.O.S. (Flumioxazin, Pyroxasulfone), 9, III, Marine Pollutant

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**Remarks:** •Single or inner packaging less than 5 L (liquid) or 5 Kg net (solids) excepted from Dangerous Goods regulations – see IMDG 2.10.2.7  
 •For US shipping, Emergency Response Guidebook No. 171

**EMS No.:** F-A, S-F

## 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

### PMRA LABEL INFORMATION THAT DIFFERS FROM WHMIS-GHS REQUIREMENTS:

Pesticide products in Canada are registered by PMRA and are subject to certain labeling requirements under federal pesticide law. The label, as specified in the Pest Control Products Act, is the main document to be followed for safety, use, and handling. These label requirements may differ from the classification criteria and hazard information required under WHMIS GHS for the data sheets and for workplace labels of non-pesticide chemicals. The following hazard information is required on the product label:

**PMRA SIGNAL WORD:** • Warning

**PMRA pesticide label hazard information:**

Keep out of reach of children.

Harmful if inhaled or absorbed through skin.

Causes eye irritation. Do not get in eyes.

May cause skin irritation. Avoid contact with skin.

Chemical name	Canada DSL Inventory List -	Canada NDSL Inventory List -	EINECS Inventory List -
Hydrated Amorphous Silica	Present		

For information regarding potential adverse health effects from exposure to this product, refer to Sections 2 and 11.

**PESTICIDE REGULATIONS:** All pesticides are governed under PCPA (Pest Control Products Act). Therefore, the regulations presented below are pertinent only when handled outside of the normal use and applications of pesticides. This includes waste streams resulting from manufacturing/formulation facilities, spills or misuse of products, and storage of large quantities of products containing hazardous or extremely hazardous substances.

**PROVINCIAL REGULATIONS:** This product did not trigger any provincial regulations.

#### International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

## 16. OTHER INFORMATION

**REASON FOR ISSUE:** Revised Section 2. Updated SDS with new toxicology data. Minor edits throughout for clarity.

**SDS NO.:** CAN-0438

**PCPA REGISTRATION NUMBER:** 31117

**REVISION NUMBER:** 6

**REVISION DATE:** 08/29/2019

**SUPERCEDES DATE:** January 13, 2014

**RESPONSIBLE PERSON(S):** Valent U.S.A. LLC, Corporate EH&S, (925) 256-2803

The information provided in this Safety Data Sheet (SDS) is provided in good faith and believed to be accurate at the time of preparation of the SDS. However, to the extent consistent with applicable law, Valent Canada, Inc. and its

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subsidiaries or affiliates extend no warranties, make no representations, and assume no responsibility as to the accuracy, suitability, or completeness of such information. Additionally, to the extent consistent with applicable law, neither Valent Canada, Inc. nor any of its subsidiaries or affiliates represents or guarantees that this information or product may be used without infringing the intellectual property rights of others. Except to the extent a particular use and particular information are expressly stated on the product label, it is the users' own responsibility to determine the suitability of this information for their own particular use of this product. If necessary, contact Valent Canada, Inc. to confirm that you have the most current product label and SDS.

The Safety Data Sheet (SDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE PMRA-APPROVED PRODUCT LABEL (attached to and accompanying the product container). This SDS provides important health, safety, and environmental information for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use.

The product label provides information specifically for product use in the ordinary course. Use, storage and disposal of pesticide products is regulated by the PMRA under the authority of the *Pest Control Products Act* through the product label. All necessary hazard classification and appropriate precautionary use, storage, and disposal information is set forth on that label or labeling accompanying the pesticide or to which reference is made on the label. It is a violation of federal law to use a PMRA-registered pesticide product in any manner inconsistent with its labeling.

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