The Corporation of the City of Kawartha Lakes

Agenda

Environmental Advisory Committee Meeting

CKLEAC2018-01
Thursday, January 18, 2018
6:30 P.M.
Economic Development Boardroom
Economic Development
180 Kent Street West, Lindsay, Ontario

Members:

Councillor Gord Miller
Susan Blayney
Josh Feltham
Douglas Lowles
Karl Repka
Julia Taylor
Pat Warren
J. Petit Kerr

Accessible formats and communication supports are available upon request.

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1.	**Call to Order**	
2.	**Administrative Business**	
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3.	**Deputations/Presentations**	
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4.	**Correspondence**	
5.	**Action Item Updates**	
5.1	CKLEAC 2018 Work Plan Updates by Project Team Leaders	
6.	**New or Other Business**	
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7.	**Closed Session**	
8.	**Next Meeting**	
9.	**Adjournment**	

The Corporation of the City of Kawartha Lakes

Minutes

Environmental Advisory Committee

CKLEAC2017-004

Thursday, November 23, 2017
6:30 P.M.
Victoria Room
City Hall
26 Francis Street, Lindsay, Ontario K9V 5R8

MEMBERS:
Councillor Gord Miller
Susan Blayney
Josh Feltham
Douglas Lowles
Pat Warren
J. Petit Kerr

Accessible formats and communication supports are available upon request.

1. CALL TO ORDER

Chair P. Warren called the meeting to order at 6:30 p.m. Chair P. Warren, Councillor G. Miller, S. Blayney, D. Lowles, J. Feltham and H. Shipclark were in attendance. Director C. Marshall was in attendance at the meeting.

2. ADMINISTRATIVE BUSINESS

2.1 Adoption of Agenda

Moved By S. Blayney
Seconded By D. Lowles

RESOLVED THAT the November 23, 2017 Environmental Advisory Committee Agenda be adopted as amended.

CARRIED

2.2 Declaration of Pecuniary Interest

There were no declarations of pecuniary interest noted.

2.3 Adoption of Minutes

2.3.1 September 28, 2017 Draft Minutes

Moved By S. Blayney
Seconded By J. Feltham

RESOLVED THAT the September 28, 2017 Minutes be adopted with the following amendment, the CKLEAC Committee assembled the Watershed Welcome packages.

CARRIED

3. ACTION ITEM UPDATES

Chair P. Warren noted City staff was asked to attend tonight's meeting to discuss the pesticide use.

3.1 2018 CKLEAC Meeting Dates

Moved By J. Petit Kerr
Seconded By J. Feltham

RESOLVED THAT the November 25, 2018 CKLEAC meeting date be changed to November 22, 2018.

CARRIED

4. NEW OR OTHER BUSINESS

4.1 New Initiatives for 2018

CKLEAC work initiatives for 2018

Tree Cutting By-law

Bee City Initiative

Active Community Plan

Invasive Species

Engagement Project Group

Bee City Initiative:

The Committee agreed that S. Blayney would continue to champion this work in 2018.

Invasive Species:

H. Shipclark will continue to champion this work in 2018.

The Committee discussed how this initiative could combine a number of other projects to help motivate the public to get out and participate in environmental action. It was suggested that Cheri Davidson be invited to the next CKLEAC meeting in January 2018 to discuss ways in which the environmental initiatives could be promoted on social media and the City's Website.

Tree Cutting By-law:

Moved By D. Lowles
Seconded By Councillor Miller

RESOLVED THAT CKLEAC research the Tree Cutting By-laws and develop a Tree Cutting By-law for the City of Kawartha Lakes that focuses on restricting tree cutting next to lakes, rivers and streams and other environmentally sensitive areas; and

THAT D. Lowles be the champion for this work and H. Shipclark and J. Petit Kerr help on this project.

CARRIED

Active Community Plan:

Moved By D. Lowles
Seconded By J. Petit Kerr

RESOLVED THAT the CKLEAC continue to work on the Active Transportation Plan for the City of Kawartha Lakes; and

THAT Chair P. Warren champion this project.

CARRIED

Engagement Project Group:

Moved By J. Feltham
Seconded By K. Repka

RESOLVED THAT CKLEAC work on an Engagement Project Group that would include the following initiatives:

- Green Map;

- Yellow Fish;

- Tree Planting; and

- Watershed Welcome Packages

CARRIED

4.2 Resignation - Vice Chair

Correspondence - Vice Chair J. Taylor resignation

Moved By J. Petit Kerr
Seconded By D. Lowles

RESOLVED THAT the correspondence from Vice Chair J. Taylor advising of her resignation from the CKLEAC be received; and

THAT the Committee accept the resignation from J. Taylor with regret and offer a sincere thank you for all of her service.

CARRIED

Moved By J. Petit Kerr
Seconded By D. Lowles

RESOLVED THAT S. Blayney be appointed Vice Chair of the CKLEAC Committee.

CARRIED

4.3 Oliver Vigelius - Pesticide Use

Deputation

Oliver Vigelius, Manager of Lindsay Maintenance Area and Capital Projects attended the CKLEAC meeting to explain the City's program to control noxious weeds in the right of ways. Oliver explained the City does not use glyphosates in controlling weeds and only use herbicides. The main herbicide they are using now is called "Clearview". The only time they use glysophates is in a new experimental program where they spray the guard rails. The reason they do this is that it is safer and cheaper than having staff clearing the weeds on the side of the road. The majority of the work they do is on a complaint basis to control problem plants like poison ivy, Japanese Knott Weed, Hog Weed and yellow parsnips.

Chair P. Warren asked that Oliver forward the SDS sheet on Clearview so that it could be placed on the next Agenda.

Councillor Miller suggested there could be a better communications program to let people know that the City is not using harmful pesticides in the right of ways

as he receives a number of phone calls from people who are concerned with the City doing this work.

Oliver advised staff have a requirement to notify the public of the weed control they are doing in the right of ways and do so once a month. Press releases are also circulated explaining the work they are doing. Oliver agreed to send to the Chair the list of press releases and notices they put in the newspaper and a list of the noxious plants they are controlling.

Councillor Miller suggested that Oliver notify the Lakes Associations of the details of the work they are doing and the herbicides they are using. This may reduce the misinformation that is circulating.

Moved By S. Blayney
Seconded By D. Lowles

RESOLVED THAT the deputation by Oliver Vigelius be received.

CARRIED

4.3.1 Bee City Initiative

Susan Blayney

Bee City Initiative

S. Blayney provided an update to the Committee on the Bee City Initiative.

Susan had her first Committee meeting on November 11, 2017 and was very impressed with the mix of people on the Committee including five bee keepers.

5. CLOSED SESSION

6. NEXT MEETING

The next meeting will be Thursday, January 25, 2018 at 6:30 p.m. in the Victoria Room, City Hall.

7. ADJOURNMENT

Moved By J. Feltham
Seconded By S. Blayney

RESOLVED THAT the CKLEAC meeting adjourned at 8:45 p.m.

CARRIED

SAFETY DATA SHEET
DOW AGROSCIENCES CANADA INC.

Product name: CLEARVIEW™ Herbicide **Issue Date:** 03/14/2017

DOW AGROSCIENCES CANADA INC. encourages and expects you to read and understand the entire (M)SDS, as there is important information throughout the document. We expect you to follow the precautions identified in this document unless your use conditions would necessitate other appropriate methods or actions.

1. IDENTIFICATION

Product name: CLEARVIEW™ Herbicide

Recommended use of the chemical and restrictions on use
Identified uses: End use herbicide product

COMPANY IDENTIFICATION
DOW AGROSCIENCES CANADA INC.
#2400, 215 - 2ND STREET S.W.
CALGARY AB T2P 1M4
CANADA

Customer Information Number: 800-667-3852 solutions@dow.com

EMERGENCY TELEPHONE NUMBER
24-Hour Emergency Contact: 613-996-6666
Local Emergency Contact: 613-996-6666

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance

Physical state	Granules
Color	Brown
Odor	Mild

Hazard Summary	**CAUTION!!** May cause eye irritation. May cause skin irritation. Powdered material may form explosive dust-air mixture. Isolate area. Toxic fumes may be released in fire situations. Slipping hazard. Highly toxic to fish and/or other aquatic organisms.

Potential Health Effects

Eyes: May cause moderate eye irritation.
May cause slight corneal injury.
Solid or dust may cause irritation or corneal injury due to mechanical action.

Skin: Brief contact may cause skin irritation with local redness.
Prolonged skin contact is unlikely to result in absorption of harmful amounts.

Inhalation: Prolonged excessive exposure to dust may cause adverse effects.
Based on the available data, respiratory irritation was not observed.

Ingestion: Very low toxicity if swallowed.
Harmful effects not anticipated from swallowing small amounts.

Chronic Exposure: For similar active ingredient(s).
Aminopyralid.
In animals, effects have been reported on the following organs:
Gastrointestinal tract.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture.

Component	CASRN	Weight percent
Aminopyralid Potassium	566191-87-5	62.13%
Metsulfuron-methyl	74223-64-6	9.45%
Sodium Carbonate	497-19-8	9.9%
Kaolin	1332-58-7	5.2%
Titanium dioxide	13463-67-7	0.1%
Balance	Not available	13.22%

4. FIRST AID MEASURES

Description of first aid measures
General advice: If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Inhalation: Move person to fresh air. If person is not breathing, call an emergency responder or ambulance, then give artificial respiration; if by mouth to mouth use rescuer protection (pocket mask etc). Call a poison control center or doctor for treatment advice.

Skin contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. Suitable emergency safety shower facility should be available in work area.

Eye contact: Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice. Suitable emergency eye wash facility should be available in work area.

Ingestion: No emergency medical treatment necessary.

Most important symptoms and effects, both acute and delayed: Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

Indication of any immediate medical attention and special treatment needed
Notes to physician: May cause injury due to mechanical action. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient. Have the Safety Data Sheet, and if available, the product container or label with you when calling a poison control center or doctor, or going for treatment.

5. FIREFIGHTING MEASURES

Suitable extinguishing media: Water. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers.

Unsuitable extinguishing media: No data available

Special hazards arising from the substance or mixture
Hazardous combustion products: During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Nitrogen oxides. Hydrogen chloride. Carbon monoxide. Carbon dioxide.

Unusual Fire and Explosion Hazards: Container may rupture from gas generation in a fire situation. Pneumatic conveying and other mechanical handling operations can generate combustible dust. To reduce the potential for dust explosions, do not permit dust to accumulate. Dense smoke is produced when product burns.

Advice for firefighters
Fire Fighting Procedures: Keep people away. Isolate fire and deny unnecessary entry. Soak thoroughly with water to cool and prevent re-ignition. Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of reignition has passed. Fight fire from protected location or safe distance. Consider the use of unmanned hose holders or monitor nozzles. Immediately withdraw all personnel from the area in case of rising sound from venting safety device or discoloration of the container. Hand held dry chemical or carbon dioxide extinguishers may be used for small fires. Move container from fire area if this is possible without hazard. Contain fire water run-off if possible. Fire water run-off, if not contained, may cause environmental damage. Review the "Accidental Release Measures" and the "Ecological Information" sections of this (M)SDS.

Special protective equipment for firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Isolate area. Keep unnecessary and unprotected personnel from entering the area. Refer to section 7, Handling, for additional precautionary measures. Spilled material may cause a slipping hazard. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

Environmental precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. Spills or discharge to natural waterways is likely to kill aquatic organisms.

Methods and materials for containment and cleaning up: Contain spilled material if possible. Small spills: Sweep up. Collect in suitable and properly labeled containers. Large spills: Contact Dow AgroSciences for clean-up assistance. See Section 13, Disposal Considerations, for additional information.

7. HANDLING AND STORAGE

Precautions for safe handling: Keep out of reach of children. Do not swallow. Avoid contact with eyes, skin, and clothing. Avoid breathing dust or mist. Wash thoroughly after handling. Keep container closed. Use with adequate ventilation. See Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION.

Conditions for safe storage: Store in a dry place. Store in original container. Do not store near food, foodstuffs, drugs or potable water supplies.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure limits are listed below, if they exist.

Component	Regulation	Type of listing	Value/Notation
Sodium Carbonate	Dow IHG	TWA	10 mg/m3
Kaolin	ACGIH	TWA Respirable fraction	2 mg/m3
	CA AB OEL	TWA Respirable	2 mg/m3
	CA BC OEL	TWA Respirable	2 mg/m3
	CA QC OEL	TWAEV respirable dust	5 mg/m3
Titanium dioxide	ACGIH	TWA	10 mg/m3 , Titanium dioxide
	Dow IHG	TWA	2.4 mg/m3
	CA AB OEL	TWA	10 mg/m3
	CA BC OEL	TWA	10 mg/m3
	CA QC OEL	TWAEV total dust	10 mg/m3

Consult local authorities for recommended exposure limits.

RECOMMENDATIONS IN THIS SECTION ARE FOR MANUFACTURING, COMMERCIAL BLENDING AND PACKAGING WORKERS. APPLICATORS AND HANDLERS SHOULD SEE THE PRODUCT LABEL FOR PROPER PERSONAL PROTECTIVE EQUIPMENT AND CLOTHING.

Exposure controls

Engineering controls: Use engineering controls to maintain airborne level below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations.

Individual protection measures

Eye/face protection: Use chemical goggles.

Skin protection

Hand protection: Use gloves chemically resistant to this material. Examples of preferred glove barrier materials include: Polyvinyl chloride ("PVC" or "vinyl"). Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection,

dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.
Other protection: Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task.

Respiratory protection: Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use an approved respirator. Selection of air-purifying or positive-pressure supplied-air will depend on the specific operation and the potential airborne concentration of the material. For emergency conditions, use an approved positive-pressure self-contained breathing apparatus.
The following should be effective types of air-purifying respirators: Organic vapor cartridge with a particulate pre-filter.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Physical state	Granules
Color	Brown
Odor	Mild
Odor Threshold	No data available
pH	10.3 1% *pH Electrode* (1% dispersion)
Melting point/range	No test data available
Freezing point	Not applicable
Boiling point (760 mmHg)	Not applicable
Flash point	**closed cup** Not applicable
Evaporation Rate (Butyl Acetate = 1)	Not applicable
Flammability (solid, gas)	No data available
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable
Vapor Pressure	Not applicable
Relative Vapor Density (air = 1)	Not applicable
Relative Density (water = 1)	Not applicable
Water solubility	No test data available
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	Not applicable
Decomposition temperature	No test data available
Dynamic Viscosity	Not applicable
Kinematic Viscosity	Not applicable
Explosive properties	No data available
Oxidizing properties	No data available
Liquid Density	Not applicable
Bulk density	0.0007 kg/m3 *Literature*
Molecular weight	No data available

NOTE: The physical data presented above are typical values and should not be construed as a specification.

10. STABILITY AND REACTIVITY

Reactivity: No data available

Chemical stability: Thermally stable at typical use temperatures.

Possibility of hazardous reactions: Polymerization will not occur.

Conditions to avoid: Active ingredient decomposes at elevated temperatures. Generation of gas during decomposition can cause pressure in closed systems.

Incompatible materials: Avoid contact with: Strong acids. Strong bases. Strong oxidizers.

Hazardous decomposition products: Decomposition products depend upon temperature, air supply and the presence of other materials. Toxic gases are released during decomposition.

11. TOXICOLOGICAL INFORMATION

Toxicological information appears in this section when such data is available.

Acute toxicity

Acute oral toxicity
Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

As product:
LD50, Rat, female, > 5,000 mg/kg

Acute dermal toxicity
Prolonged skin contact is unlikely to result in absorption of harmful amounts.

As product:
LD50, Rat, male and female, > 5,000 mg/kg

Acute inhalation toxicity
Prolonged excessive exposure to dust may cause adverse effects. Based on the available data, respiratory irritation was not observed.

As product:
LC50, Rat, male and female, 4 Hour, dust/mist, > 5.09 mg/l

Skin corrosion/irritation
Brief contact may cause skin irritation with local redness.

Serious eye damage/eye irritation
May cause moderate eye irritation.
May cause slight corneal injury.
Solid or dust may cause irritation or corneal injury due to mechanical action.

Sensitization
Did not cause allergic skin reactions when tested in guinea pigs.
Did not demonstrate the potential for contact allergy in mice.

For respiratory sensitization:
No relevant information found.

Specific Target Organ Systemic Toxicity (Single Exposure)
Evaluation of available data suggests that this material is not an STOT-SE toxicant.

Specific Target Organ Systemic Toxicity (Repeated Exposure)
For similar active ingredient(s).
Aminopyralid.
In animals, effects have been reported on the following organs:
Gastrointestinal tract.

Carcinogenicity
For the active ingredient(s): Did not cause cancer in laboratory animals. A risk assessment has been conducted for this product and has shown, that under normal handling, the minor components will not pose a hazard.

Teratogenicity
For the active ingredient(s): Did not cause birth defects or any other fetal effects in laboratory animals.

Reproductive toxicity
For the active ingredient(s): In animal studies, did not interfere with reproduction.

Mutagenicity
In vitro genetic toxicity studies were negative. Animal genetic toxicity studies were negative.

Aspiration Hazard
Based on physical properties, not likely to be an aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicological information appears in this section when such data is available.

Toxicity

Acute toxicity to fish
Based on information for component(s):
Material is very highly toxic to aquatic organisms on an acute basis (LC50/EC50 <0.1 mg/L in the most sensitive species).

As product:
LC50, Oncorhynchus mykiss (rainbow trout), semi-static test, 96 Hour, > 120 mg/l, OECD Test Guideline 203 or Equivalent

Acute toxicity to aquatic invertebrates
As product:
EC50, Daphnia magna (Water flea), semi-static test, 48 Hour, > 120 mg/l, OECD Test Guideline 202 or Equivalent

Acute toxicity to algae/aquatic plants
As product:
ErC50, Pseudokirchneriella subcapitata (green algae), static test, 72 Hour, Growth rate inhibition, 17.58 mg/l, OECD Test Guideline 201 or Equivalent

For the active ingredient(s):
EC50, Lemna gibba, 14 d, 0.00036 mg/l

Toxicity to Above Ground Organisms
As product:
Material is practically non-toxic to birds on an acute basis (LD50 > 2000 mg/kg).

As product:
oral LD50, Colinus virginianus (Bobwhite quail), > 2250mg/kg bodyweight.

Toxicity to soil-dwelling organisms
As product:
LC50, Eisenia fetida (earthworms), 14 d, survival, 2,000 mg/kg

Persistence and degradability

Aminopyralid Potassium
Biodegradability: For similar active ingredient(s). Aminopyralid. Based on stringent OECD test guidelines, this material cannot be considered as readily biodegradable; however, these results do not necessarily mean that the material is not biodegradable under environmental conditions.
10-day Window: Fail
Biodegradation: 0 %
Exposure time: 28 d
Method: OECD Test Guideline 301F or Equivalent

Metsulfuron-methyl
Biodegradability: No appreciable biodegradation is expected.

Sodium Carbonate
Biodegradability: Biodegradation is not applicable.

Kaolin
Biodegradability: Biodegradation is not applicable.

Titanium dioxide
Biodegradability: Biodegradation is not applicable.

Balance
Biodegradability: No relevant data found.

Bioaccumulative potential
Bioaccumulation: No data available.

Mobility in soil

Aminopyralid Potassium
For similar active ingredient(s).
Aminopyralid.
Potential for mobility in soil is very high (Koc between 0 and 50).

Metsulfuron-methyl
No data available.

Sodium Carbonate
Relevant data not available.

Titanium dioxide
No data available.

Balance
No relevant data found.

13. DISPOSAL CONSIDERATIONS

Disposal methods: If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities. This information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. If the material as supplied becomes a waste, follow all applicable regional, national and local laws.

14. TRANSPORT INFORMATION

TDG

Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Metsulfuron-methyl, Aminopyralid Potassium)
UN number	UN 3077
Class	9
Packing group	III
Marine pollutant	Metsulfuron-methyl, Aminopyralid Potassium

Classification for SEA transport (IMO-IMDG):

Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Metsulfuron-methyl, Aminopyralid Potassium)
UN number	UN 3077
Class	9
Packing group	III
Marine pollutant	Metsulfuron-methyl, Aminopyralid Potassium
Transport in bulk according to Annex I or II of MARPOL 73/78 and the IBC or IGC Code	Consult IMO regulations before transporting ocean bulk

Classification for AIR transport (IATA/ICAO):

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.(Metsulfuron-methyl, Aminopyralid Potassium)
UN number	UN 3077
Class	9
Packing group	III

Further information:
NOT REGULATED PER TDG EXEMPTION 1.45.1 FOR ROAD OR RAIL

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

15. REGULATORY INFORMATION

Hazardous Products Act Information: CPR Compliance
This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Hazardous Products Act Information: WHMIS Classification
This product is exempt under WHMIS.

National Fire Code of Canada
Not applicable

Canadian Domestic Substances List (DSL)
This product contains chemical substance(s) exempt from CEPA DSL Inventory requirements. It is regulated as a pesticide subject to Pest Control Products Act (PCPA) requirements.

Pest Control Products Act (PCPA) Registration Number: 29752

16. OTHER INFORMATION

Hazard Rating System

NFPA

Health	Fire	Reactivity
1	1	0

Revision
Identification Number: 101188048 / A215 / Issue Date: 03/14/2017 / Version: 8.2
DAS Code: GF-2050

Most recent revision(s) are noted by the bold, double bars in left-hand margin throughout this document.

Legend

ACGIH	USA. American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Values (TLV)
CA AB OEL	Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
CA BC OEL	Canada. British Columbia OEL
CA QC OEL	Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants
Dow IHG	Dow Industrial Hygiene Guideline
TWA	8-hour time weighted average
TWAEV	Time-weighted average exposure value

Information Source and References
This SDS is prepared by Product Regulatory Services and Hazard Communications Groups from information supplied by internal references within our company.

DOW AGROSCIENCES CANADA INC. urges each customer or recipient of this (M)SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this (M)SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific (M)SDSs, we are not and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version.