

**FeXapan™ Herbicide plus VaporGrip™ Technology**

Version 4.0

Issue Date : 04/05/2019 Ref. 130000142611  
Revision Date : 04/01/2019

This SDS adheres to the standards and regulatory requirements of Canada and may not meet the regulatory requirements in other countries.

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : FeXapan™ Herbicide plus VaporGrip™ Technology  
 SDS Number : 130000142611  
 Product Use : Herbicide  
 Manufacturer : Production Agriscience Canada Company  
 P.O. Box 730, 7398 Queen's Line  
 Chatham, Ontario  
 N7M 5L1  
 Canada  
 Product Information : 1-800-667-3852  
 Medical Emergency : 1-800-441-3637 (24 hours)

**SECTION 2. HAZARDS IDENTIFICATION**

Potential Health Effects

Ingestion

Diglycolamine : May be harmful if swallowed.  
 salt of dicamba  
 3,6-dichloro-o-  
 anisic acid

Carcinogenicity

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

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

Component	CAS-No.	Concentration
-----------	---------	---------------

**FeXapan™ Herbicide plus VaporGrip™ Technology**

Version 4.0

Issue Date : 04/05/2019 Ref. 130000142611  
Revision Date : 04/01/2019

Diglycolamine salt of dicamba 3,6-dichloro-o-anisic acid	104040-79-1	42.8 %
Other Ingredients		57.2 %

**SECTION 4. FIRST AID MEASURES**

- Skin contact** : Take off all contaminated clothing immediately. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
- Eye contact** : Hold eye 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 eye. Call a poison control center or doctor for treatment advice.
- Inhalation** : Move to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.
- Ingestion** : Call a physician or poison control centre immediately. Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Do not give anything by mouth to an unconscious person.
- General advice** : First Aid responders should pay attention to self-protection and use the recommended protective clothing Move the victim to fresh air. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**SECTION 5. FIREFIGHTING MEASURES**

- Flammable Properties**  
Flash point : does not flash
- Fire and Explosion Hazard** : Carbon monoxide Hydrogen chloride Nitrogen oxides (NOx)
- Suitable extinguishing media** : Water spray, Foam, Dry chemical, Carbon dioxide (CO2)

**FeXapan™ Herbicide plus VaporGrip™ Technology**

Version 4.0

Issue Date : 04/05/2019 Ref. 130000142611  
Revision Date : 04/01/2019

Firefighting Instructions : Wear full protective clothing and self-contained breathing apparatus. Decontaminate all equipment used in fire fighting efforts before returning to service.  
(on small fires) If area is heavily exposed to fire and if conditions permit, let fire burn itself out since water may increase the area contaminated. Cool containers/tanks with water spray.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Safeguards (Personnel) : Evacuate personnel to safe areas. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Wear suitable protective equipment.  
Spill Cleanup : Sweep up and shovel into suitable containers for disposal.  
Accidental Release Measures : Prevent material from entering sewers, waterways, or low areas. Never return spills in original containers for re-use. Dispose of in accordance with local regulations.

**SECTION 7. HANDLING AND STORAGE**

Handling (Personnel) : Do not contaminate water, food or feed by disposal. Handle in accordance with good industrial hygiene and safety practice.  
Storage : Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Store in original container. Store product in original container only, away from other pesticides, fertilizer, food or feed. Keep container closed to prevent contamination. Keep out of the reach of children.  
Minimum storage temperature:  
Storage temperature : -20 °C (-4 °F)

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Engineering controls : When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**FeXapan™ Herbicide plus VaporGrip™ Technology**

Version 4.0

Issue Date : 04/05/2019 Ref. 130000142611  
Revision Date : 04/01/2019

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified for "Applicators and Other Handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

Personal protective equipment

Exposure Guidelines

Exposure Limit Values

None established.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Form : liquid  
Color : green  
Odor : slightly sour  
pH : ca. 5.3  
Density : 1.204 g/cm<sup>3</sup>  
Water solubility : soluble  
Partition coefficient: n-octanol/water : log Pow: 2.21  
Partition coefficient: n-octanol/water : log Pow: 0.51

**SECTION 10. STABILITY AND REACTIVITY**

Conditions to avoid : Avoid contact with:  
oxidizers  
Heat

## FeXapan™ Herbicide plus VaporGrip™ Technology

Version 4.0

Issue Date : 04/05/2019 Ref. 130000142611  
Revision Date : 04/01/2019

Incompatibility : Avoid: oxidizing agents  
Hazardous decomposition products : Carbon monoxide, Hydrogen chloride, Nitrogen oxides (NOx)  
Hazardous reactions : Possible hazardous reactions under specific conditions

### SECTION 11. TOXICOLOGICAL INFORMATION

FeXapan™ Herbicide plus VaporGrip™ Technology

Inhalation 4 h LC50 : > 5.11 mg/l , Rat  
Dermal LD50 : > 5,000 mg/kg , Rat  
Oral LD50 : > 5,000 mg/kg , Rat  
Skin irritation : No skin irritation, Rabbit  
Eye irritation : Rabbit  
Minimal effects that do not meet the threshold for classification.  
Sensitisation : Did not cause sensitisation on laboratory animals., Guinea pig  
Carcinogenicity : Did not show carcinogenic effects in animal experiments.  
Mutagenicity : Tests on bacterial or mammalian cell cultures did not show mutagenic effects.  
Did not show mutagenic effects in animal experiments.  
Reproductive toxicity : Animal testing did not show any effects on fertility.  
Teratogenicity : Evidence suggests the substance is not a developmental toxin in animals.  
Further information : Information given is based on data on the components.  
Diglycolamine salt of dicamba 3,6-dichloro-o-anisic acid  
Repeated dose toxicity : Ingestion  
Rat  
105 d  
No toxicological effects warranting significant target organ toxicity classification were seen below the recommended guidance values for classification., Information given is based on data obtained from similar substances.

**FeXapan™ Herbicide plus VaporGrip™ Technology**

Version 4.0

Issue Date : 04/05/2019 Ref. 130000142611  
Revision Date : 04/01/2019

**SECTION 12. ECOLOGICAL INFORMATION**

Aquatic Toxicity

FeXapan™ Herbicide plus VaporGrip™ Technology

96 h LC50 : Oncorhynchus mykiss (rainbow trout) 135 mg/l

48 h EC50 : Daphnia magna (Water flea) 110 mg/l

Diglycolamine salt of dicamba 3,6-dichloro-o-anisic acid

96 h EC50 : Selenastrum capricornutum (green algae) 3.7 mg/l OECD Test  
Guideline 201  
Information given is based on data obtained from similar substances.

Additional ecological information : Information given is based on data on the components.

**SECTION 13. DISPOSAL CONSIDERATIONS**

Waste Disposal : Dispose of the product in accordance with label directions.

Container disposal: : Container Refilling and Disposal:  
Refer to the product label for instructions.  
Do not transport if this container is damaged or leaking.  
If the container is damaged, leaking or obsolete, contact DuPont at 1-800-441-3637.

**SECTION 14. TRANSPORT INFORMATION**

Not regulated in transportation by DOT/IMO/IATA.

TDG: Not regulated.

**SECTION 15. REGULATORY INFORMATION**

**FeXapan™ Herbicide plus VaporGrip™ Technology**

Version 4.0

Issue Date : 04/05/2019 Ref. 130000142611  
Revision Date : 04/01/2019

PCP Registration # : 32188  
Remarks : Regulated under the Pest Control Products Act - WHMIS exempt.  
No substances are subject to a Significant New Activity Notification.

**SECTION 16. OTHER INFORMATION**

MSDS preparation date : 04/01/2019

(TM) Trademark of E.I. du Pont de Nemours and Company.

Contact person : Production Agriscience Canada Company, Chatham, Ontario, N7M 5L1

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.