

**ACAPELA™ Fungicide**

Version 3.0

Issue Date : 04/05/2019 Ref. 130000028780  
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 : ACAPELA™ Fungicide  
 Tradename/Synonym : B12329307  
 DPX-YT669 250SC

SDS Number : 130000028780

Product Use : Fungicide  
 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

Eyes

Picoxystrobin : May cause eye irritation.  
 May cause: Tearing, redness, or discomfort.

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
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Picoxystrobin	117428-22-5	22.5 %
Other Ingredients		77.5 %

**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. Artificial respiration and/or oxygen may be necessary. Call a poison control center or doctor for treatment advice.
- Ingestion : Call a poison control center or doctor for treatment advice. 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 : 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
- Ignition temperature : 460 °C (860 °F)
- Suitable extinguishing media : Water spray, Foam, Dry chemical, Carbon dioxide (CO2)
- Unsuitable extinguishing media : High volume water jet, (contamination risk)

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Firefighting Instructions : In the event of fire, wear self-contained breathing apparatus. Wear full protective equipment.  
(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. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Use personal protective equipment. Wear suitable protective equipment.

Spill Cleanup : Soak up with sawdust, sand, oil dry or other absorbent material. Dispose of in an approved container.

Accidental Release Measures : Prevent material from entering sewers, waterways, or low areas. Dispose of in accordance with local regulations.

**SECTION 7. HANDLING AND STORAGE**

Handling (Personnel) : Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing/PPE immediately if material gets inside. Wash thoroughly and put on clean clothing. Remove personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Handling (Physical Aspects) : Keep away from heat and sources of ignition.

Storage : Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Store in original container. Keep out of the reach of children.

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

Engineering controls : Ensure adequate ventilation, especially in confined areas.

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Personal protective equipment

- Respiratory protection : See skin and body protection
- Hand protection : Additional protection: See skin and body protection
- Eye protection : Wear protective eyewear to prevent contact with this substance.
- Skin and body protection : Mixers, loaders, applicators and other handlers must wear:
  - Long sleeved shirt and long pants
  - Shoes plus socks
  - Chemical resistant gloves made of any waterproof material
  - Personal protective equipment required for early entry:
    - Coveralls
    - Shoes plus socks
    - Chemical resistant gloves made of any waterproof material
- Protective measures : Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Do not reuse them.

Exposure Guidelines

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Exposure Limit Values

None established.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Form : liquid  
Color : off-white  
Odor : not significant  
pH : 6.1 - 8.4  
Boiling point : Not available for this mixture.  
Oxidizing Substance : The product is not oxidizing.  
Density : 1.11 g/cm<sup>3</sup> at 21 °C (70 °F)  
Bulk density : 8.9 - 9.5 lb/gal  
Water solubility : miscible  
Viscosity : 80 mPa.s at 25 °C (77 °F)

**SECTION 10. STABILITY AND REACTIVITY**

Stability : Stable at normal temperatures and storage conditions.  
Conditions to avoid : Temperature <= -5 °C (<= 23 °F)  
To avoid thermal decomposition, do not overheat. Protect from frost.  
Incompatibility : No materials to be especially mentioned.  
Hazardous reactions : Hazardous polymerization will not occur.

**SECTION 11. TOXICOLOGICAL INFORMATION**

ACAPELA™ Fungicide  
Inhalation 4 h LC50 : > 5.3 mg/l , Rat  
Dermal LD50 : > 2,000 mg/kg , Rat  
Oral LD50 : 5,000 mg/kg , Rat  
Skin irritation : No skin irritation, Rabbit

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Minimal effects that do not meet the threshold for classification.

Eye irritation : No eye irritation, Rabbit  
Minimal effects that do not meet the threshold for classification.

Sensitisation : Did not cause sensitisation on laboratory animals., Guinea pig  
Minimal effects that do not meet the threshold for classification.

Picoxystrobin  
Repeated dose toxicity : The following effects occurred at levels of exposure that significantly exceed those expected under labeled usage conditions.

Oral - feed  
Mouse  
28 d  
No toxicologically significant effects were found.

Dermal  
Rat  
28 d  
No toxicologically significant effects were found.

Oral  
Mouse  
90 d  
Reduced body weight gain, Increased liver weight

Oral - feed  
Rat  
90 d  
Reduced body weight gain, Increased liver weight, No effect to neurotoxicity.

Oral  
Dog  
1 yr  
Reduced body weight gain

Oral  
Mouse  
18 Months  
Reduced body weight gain, Increased liver weight, Gastrointestinal

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effects

- Carcinogenicity : Not classifiable as a human carcinogen. Overall weight of evidence indicates that the substance is not carcinogenic.
- Reproductive toxicity : No toxicity to reproduction
- Teratogenicity : Animal testing showed no developmental toxicity.

**SECTION 12. ECOLOGICAL INFORMATION**

Aquatic Toxicity

ACAPELA™ Fungicide

- 96 h LC50 : Oncorhynchus mykiss (rainbow trout) 0.24 mg/l
- 72 h ErC50 : Pseudokirchneriella subcapitata (green algae) 1.2 mg/l
- 48 h EC50 : Daphnia magna (Water flea) 0.086 mg/l

Picoxystrobin

- 21 d : NOEC Daphnia magna (Water flea) 0.008 mg/l

Environmental Fate

Picoxystrobin

- Bioaccumulation : Does not bioaccumulate.

- Additional ecological information : Environmental Hazards: For Terrestrial Uses: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark.

**SECTION 13. DISPOSAL CONSIDERATIONS**

- Waste Disposal : Do not contaminate water, food or feed by disposal. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.
- Container disposal: : Container Refilling and Disposal: Refer to the product label for instructions.

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Do not transport if this container is damaged or leaking.

In the event of a major spill, fire or other emergency, call 1-800-441-3637 day or night.

**SECTION 14. TRANSPORT INFORMATION**

IATA_C	UN number	: 3082
	Proper shipping name	: Environmentally hazardous substance, liquid, n.o.s. (Picoxystrobin)
	Class	: 9
	Packing group	: III
	Labelling No.	: 9
IMDG	UN number	: 3082
	Proper shipping name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Picoxystrobin)
	Class	: 9
	Packing group	: III
	Labelling No.	: 9
	Marine pollutant	: yes (Picoxystrobin)

Not regulated as a hazardous material by TDG.

**SECTION 15. REGULATORY INFORMATION**

PCP Registration # : 30470  
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



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

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