

Material Safety Data Sheet



ACAPELA™

Version 2.0

Revision Date 03/23/2012

Ref. 130000028780

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™
Tradename/Synonym	:	B12329307 DPX-YT669 250SC
MSDS Number	:	130000028780
Product Use	:	Fungicide
Manufacturer	:	E.I. du Pont Canada Company P.O. Box 2200, Streetsville Mississauga, ON L5M 2H3 Canada
Product Information	:	1-800-387-2122
Medical Emergency	:	1-800-441-3637 (24 hours)

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Caution

Causes moderate eye irritation. Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with skin, eyes and clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before re-use.

Potential Health Effects

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This section includes potential acute adverse effects which could occur if this material is not used according to the label.

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
Picoxystrobin	117428-22-5	25 %
Other Ingredients		75 %

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.

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- Inhalation : No specific intervention is indicated as the compound is not likely to be hazardous. Consult a physician if necessary.
- 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 : In case of fire, use water fog, foam, dry chemical or carbon dioxide.

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.
Prevent fire extinguishing water from contaminating surface water or the ground water system. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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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, thoroughly ventilate area, use self-contained breathing apparatus. Use personal 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.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Personal protective equipment

Respiratory protection : Where there is potential for airborne exposures in excess of applicable limits, wear approved respiratory protection with dust/mist cartridge. Dust/mist cartridge is required for all mixing/loading operations, and all product applications performed above the applicator's waist.

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, such as polyvinyl chloride, nitrile rubber, or butyl rubber
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

Exposure Limit Values

None established.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: liquid
Color	: off-white
Odor	: not significant
pH	: 6.2 - 7.4
Boiling point	: Not available for this mixture.
Oxidizing	: The product is not oxidizing.
Density	: 1.11 g/cm ³ at 21 °C (70 °F)
Bulk density	: 8.5 - 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™	
Inhalation 4 h LC50	: > 5.3 mg/l , rat
Dermal LD50	: > 2,000 mg/kg , rat

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Oral LD50 : 5,000 mg/kg , rat

Skin irritation : No skin irritation, rabbit

Eye irritation : No eye irritation, rabbit

Sensitisation : Animal test did not cause sensitization by skin contact., guinea pig

Picoxystrobin

Repeated dose toxicity : Oral - feed
rat
90 d
The following effects occurred at levels of exposure that significantly exceed those expected under labeled usage conditions., Reduced body weight gain, Increased liver weight, No effect to neurotoxicity.

Oral
rat
28 d
No toxicologically significant effects were found.

Oral
mouse
28 d
No toxicologically significant effects were found.

Oral
dog
1 y
The following effects occurred at levels of exposure that significantly exceed those expected under labeled usage conditions., Reduced body weight gain, altered blood chemistry

Carcinogenicity : The following effects occurred at levels of exposure that significantly exceed those expected under labeled usage conditions.
An increased incidence of benign tumours was observed in laboratory animals.



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Mutagenicity : Overall weight of evidence indicates that the substance is not mutagenic.

Reproductive toxicity : Animal testing showed no reproductive toxicity.

Teratogenicity : Animal testing showed no developmental toxicity.

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Toxicity
ACAPELA™

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

Biodegradability : According to the results of tests of biodegradability this product is not readily biodegradable.

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. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

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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.
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

Not regulated as a hazardous material by DOT.

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SECTION 15. REGULATORY INFORMATION

EPA Reg. No. : 352-IUN
In the United States this product is regulated by the US Environmental Protection Agency (EPA) under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read and follow all label directions. This product is excluded from listing requirements under EPA/TSCA.

PCP Registration # : 30470
Remarks : Regulated under the Pest Control Products Act - WHMIS exempt.

SECTION 16. OTHER INFORMATION

MSDS preparation date : 03/23/2012

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

Contact person : E.I. DuPont Canada Company, Mississauga, Ontario, L5M 2H3

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.

Significant change from previous version is denoted with a double bar.

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