



ACAPELA™

Version 2.1

Revision Date 02/24/2015

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

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	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.
- 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 : 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



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- Engineering controls : Ensure adequate ventilation, especially in confined areas.
- Personal protective equipment
 - 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.

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.
- Oxidising Substance : The product is not oxidizing.
- Density : 1.11 g/cm³ 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)

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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
- Oral LD50 : $5,000$ mg/kg , Rat
- Skin irritation : slight irritation, Rabbit
- Eye irritation : Moderate eye irritation, Rabbit
- Sensitisation : May cause sensitisation by skin contact., Guinea pig

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.



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

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

Oral
 Dog
 1 yr
 Reduced body weight gain, altered blood chemistry

Oral
 Mouse
 1.5 yr
 Reduced body weight gain, Increased liver weight

Carcinogenicity : Not classifiable as a human carcinogen.
 Overall weight of evidence indicates that the substance is not carcinogenic.

Mutagenicity : Tests on bacterial or mammalian cell cultures did not show mutagenic effects.
 Overall weight of evidence indicates that the substance is not mutagenic.

Reproductive toxicity : No toxicity to reproduction
 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



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

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.	: 9MI
IMDG	UN number	: 3082

Material Safety Data Sheet



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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 DOT.

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 : 02/24/2015

™ 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



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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.