

**DuPont™ Accent® Q Herbicide**

Version 2.2

Revision Date 06/21/2012

Ref. 130000044052

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

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : DuPont™ Accent® Q Herbicide
Tradename/Synonym : DPX-QKW17
NICOSULFURON (2-[[[4,6-dimethoxypyrimidin-2-yl)aminocarbonyl]aminosulfonyl]-N,N-dimethyl-3-pyridinecarboxamide)

MSDS Number : 130000044052

Manufacturer : DuPont
1007 Market Street
Wilmington, DE 19898

Product Information : 1-800-441-7515 (outside the U.S. 1-302-774-1000)
Medical Emergency : 1-800-441-3637 (outside the U.S. 1-302-774-1139)
Transport Emergency : CHEMTREC: 1-800-424-9300 (outside the U.S. 1-703-527-3887)

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

CAUTION!

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes and clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Potential Health Effects

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

Skin : May cause: Irritation with discomfort or rash.

Eyes : May cause: Irritation with discomfort, pain, redness, or visual impairment.

Inhalation
Isoxadifen-ethyl : May cause respiratory tract irritation.

Ingestion

**DuPont™ Accent® Q Herbicide**

Version 2.2

Revision Date 06/21/2012

Ref. 130000044052

Isoxadifen-ethyl : Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

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
Nicosulfuron	111991-09-4	54.5 %
Isoxadifen-ethyl	163520-33-0	13.6 %
Other Ingredients		31.9 %

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. If eye irritation persists, consult a specialist.
- Inhalation : No specific intervention is indicated as the compound is not likely to be hazardous. Consult a physician if necessary.



DuPont™ Accent® Q Herbicide

Version 2.2

Revision Date 06/21/2012

Ref. 130000044052

Ingestion : No specific intervention is indicated as the compound is not likely to be hazardous. Consult a physician if necessary.

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

Fire and Explosion Hazard : Not a fire or explosion hazard.

Suitable extinguishing media : Water spray, Foam, Dry chemical, Carbon dioxide (CO2)

Firefighting Instructions : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.
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. Do not allow run-off from fire fighting to enter drains or water courses.

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.

Spill Cleanup : Sweep up and shovel into suitable containers for disposal.

Accidental Release Measures : Prevent material from entering sewers, waterways, or low areas. Follow applicable Federal, State/Provincial and Local laws/regulations.

SECTION 7. HANDLING AND STORAGE



DuPont™ Accent® Q Herbicide

Version 2.2

Revision Date 06/21/2012

Ref. 130000044052

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.

Storage : Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Store in original container. Store in a cool, dry place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment

Skin and body protection : Applicators and other handlers must wear:
 Long sleeved shirt and long pants
 Chemical-resistant gloves, Category A (such as butyl rubber, natural rubber, neoprene rubber, or nitrile rubber), all greater than or equal to 14 mils
 Shoes plus socks
 Personal protective equipment required for early entry:
 Coveralls
 Chemical-resistant gloves, Category A (such as butyl rubber, natural rubber, neoprene rubber, or nitrile rubber), all greater than or equal to 14 mils
 Shoes plus socks

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.

Exposure Guidelines

Exposure Limit Values

Nicosulfuron

AEL * (DUPONT) 5 mg/m3 8 & 12 hr. TWA Respirable dust.

* AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**DuPont™ Accent® Q Herbicide**

Version 2.2

Revision Date 06/21/2012

Ref. 130000044052

Form : solid, granules
Color : light brown, dark, tan
Odor : slight
pH : 5.3
Density : 0.664 g/ml

SECTION 10. STABILITY AND REACTIVITY

Stability : Stable at normal temperatures and storage conditions.
Incompatibility : None reasonably foreseeable.
Hazardous reactions : Polymerization will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

DuPont™ Accent® Q Herbicide

Inhalation 4 h LC50 : > 5.9 mg/l , rat

Dermal LD50 : > 2,000 mg/kg , rabbit

Oral LD50 : > 5,000 mg/kg , rat

Skin irritation : slight irritation, rabbit

Eye irritation : Moderate eye irritation, rabbit

Sensitisation : May cause sensitization by skin contact., guinea pig

Further information : Information given is based on data on the components and the toxicology of similar products.

Nicosulfuron

Repeated dose toxicity : Oral
mouse
90 d
No toxicologically significant effects were found.

Oral


DuPont™ Accent® Q Herbicide

Version 2.2

Revision Date 06/21/2012

Ref. 130000044052

mouse
28 d
No toxicologically significant effects were found.

Oral
rat
90 d
No toxicologically significant effects were found.

Carcinogenicity : Animal testing did not show any carcinogenic effects.

Mutagenicity : Tests on bacterial or mammalian cell cultures did not show mutagenic effects.
Did not cause genetic damage in animals.

Reproductive toxicity : Animal testing showed no reproductive toxicity.

Teratogenicity : Did not show teratogenic effects in animal experiments.

Isoxadifen-ethyl

Carcinogenicity : Animal testing did not show any carcinogenic effects.

Mutagenicity : Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

Teratogenicity : Animal testing showed no developmental toxicity.

SECTION 12. ECOLOGICAL INFORMATION
Aquatic Toxicity
Nicosulfuron

96 h LC50 : Oncorhynchus mykiss (rainbow trout) > 1,000 mg/l

7 d EC50 : Lemna gibba (duckweed) 0.0032 mg/l

48 h EC50 : Daphnia magna (Water flea) > 1,000 mg/l

90 d : NOEC Oncorhynchus mykiss (rainbow trout) 24 mg/l


DuPont™ Accent® Q Herbicide

Version 2.2

Revision Date 06/21/2012

Ref. 130000044052

Isoxadifen-ethyl

96 h LC50	:	Oncorhynchus mykiss (rainbow trout) 0.34 mg/l
96 h LC50	:	Lepomis macrochirus (Bluegill sunfish) 0.22 mg/l
72 h EC50	:	Pseudokirchneriella subcapitata (green algae) 1.26 mg/l
48 h	:	Daphnia magna (Water flea) 0.51 mg/l

Additional ecological information : Environmental Hazards: 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. Do not apply where/when conditions favour runoff.

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. Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial, and local regulations.
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	:	3077
	Proper shipping name	:	Environmentally hazardous substance, solid, n.o.s. (Isoxadifen-ethyl, Nicosulfuron)
	Class	:	9
	Packing group	:	III
	Labelling No.	:	9MI
IMDG	UN number	:	3077

**DuPont™ Accent® Q Herbicide**

Version 2.2

Revision Date 06/21/2012

Ref. 130000044052

Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
SOLID, N.O.S. (Isoxadifen-ethyl, Nicosulfuron)

Class : 9

Packing group : III

Labelling No. : 9

Marine pollutant : yes (Isoxadifen-ethyl, Nicosulfuron)

Not regulated as a hazardous material by DOT.

SECTION 15. REGULATORY INFORMATION

EPA Reg. No. : 352-773
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.

California Prop. 65 : WARNING! This product contains a chemical known to the State of California to cause cancer.

SECTION 16. OTHER INFORMATION

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

Contact person : DuPont Crop Protection, Wilmington, DE, 19898, Phone: 1-888-638-7668

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.



DuPont™ Accent® Q Herbicide

Version 2.2

Revision Date 06/21/2012

Ref. 130000044052

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