

SAFETY DATA SHEET

DuPont™ Advion® Ant Gel

Version 1.0

Revision Date 11.11.2008

Ref. 130000036528

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

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product information

Product name : DuPont™ Advion® Ant Gel

Synonyms : B12397254

Use of the Substance/Preparation : Insecticide

Company : Du Pont (Australia) Ltd
7 Eden Park Drive
Macquarie Park NSW 2113
Australia

Telephone : (02) 9923 6111

Telefax : (02) 9923 6011

Emergency telephone : (02) 9923 6275 (Transport Emergency)
(24 hr Emergency Medical Information: 1800 674 415)

2. HAZARDS IDENTIFICATION

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Avoid treating areas that are easily accessible to children and pets.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	EC-No.	Classification	Concentration [%]
Indoxacarb	173584-44-6		Xn; R22 R43 N; R50/53	0,05

For the full text of the R-phrases mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

Inhalation : No hazards which require special first aid measures. Is not considered a potential route of exposure. Consult a physician if necessary.

Skin contact : No hazards which require special first aid measures. Wash with water and soap as a precaution. In the case of skin irritation or allergic reactions see a physician.

Eye contact : No hazards which require special first aid measures. Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

Ingestion : No hazards which require special first aid measures. Do not induce vomiting without medical advice. Rinse mouth with water. Consult a physician if necessary.

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5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment., Water, Water spray, Foam, Dry chemical, Carbon dioxide (CO2),
- Extinguishing media which shall not be used for safety reasons : High volume water jet, (contamination risk),
- Specific hazards during fire fighting : Not a fire or explosion hazard.
- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus and protective suit.
- Further information : (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. Prevent fire extinguishing water from contaminating surface water or the ground water system.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Use personal protective equipment. Refer to protective measures listed in sections 7 and 8.
- Environmental precautions : Use appropriate container to avoid environmental contamination. Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained. If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods for cleaning up : Clean-up methods - small spillage For small spills, use cloth or paper towels and place collected material and towels in appropriate container for disposal.
- Clean-up methods - large spillage Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up or vacuum up spillage and collect in suitable container for disposal. Flush away traces with water.
- Additional advice : Dispose of in accordance with local regulations.

7. HANDLING AND STORAGE

Handling

- Advice on safe handling : Before using, read the product bulletin. Wear personal protective equipment. Do not get in eyes or mouth or on skin. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material. Wash hands before breaks and immediately after handling the product. Close container after each use. For personal protection see section 8.
- Advice on protection against fire and explosion : Do not apply this product around electrical equipment due to the possibility of shock hazard.

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Storage

- Requirements for storage areas and containers : Store in original container. Keep in a dry, cool place. Keep out of reach of children. Keep away from food, drink and animal feeding stuffs.
- Advice on common storage : No special restrictions on storage with other products.
- Storage temperature : > 3 °C
- Other data : Stable under recommended storage conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment

- Respiratory protection : None specified.
- Hand protection : None specified.
- Eye protection : None specified.
- Skin and body protection : None specified.
- Hygiene measures : Regular cleaning of equipment, work area and clothing. Contaminated work clothing should not be allowed out of the workplace. Avoid prolonged contact with eyes, skin and clothing. When using do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Keep away from food, drink and animal feeding stuffs. For environmental protection remove and wash all contaminated protective equipment before re-use. Dispose of rinse water in accordance with local and national regulations.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Form : gel,
- Colour : off-white, opaque,
- Odour : very faint,
- pH : 7,2 (1% solution in water)
- Flammability (solid, gas) : Does not sustain combustion.
- Oxidizing properties : The product is not oxidising.
- Explosive properties : Not explosive
- Density : 1,15 - 1,24 g/ml at ca. 85 °C
- Water solubility : , soluble

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10. STABILITY AND REACTIVITY

- Conditions to avoid : Temperature : < 3 °C Protect from frost.
- Materials to avoid : No materials to be especially mentioned.
- Hazardous reactions : None reasonably foreseeable. Stable at normal temperatures and storage conditions.

11. TOXICOLOGICAL INFORMATION

- Acute oral toxicity : LD50/ ratfemale: > 5 000 mg/kg Method: OECD Test Guideline 425
(Data on the product itself)
Information source: Internal study report
- Acute inhalation toxicity
• Indoxacarb : LC50/ 4 h/ rat : > 5,5 mg/l
Method: OECD Test Guideline 403
Information source: Internal study report
- Acute dermal toxicity : LD50/ rat > 5 000 mg/kg
Method: OECD Test Guideline 402
(Data on the product itself)
Information source: Internal study report
- Skin irritation : rabbit
Result: No skin irritation Method: OECD Test Guideline 404 (Data on the product itself) Information source: Internal study report
- Eye irritation : rabbit
Result: No eye irritation Method: OECD Test Guideline 405 (Data on the product itself) Information source: Internal study report
- Sensitisation : Local lymph node test mouse Result: Animal test did not cause sensitization by skin contact. Method: OECD Test Guideline 429 (Data on the product itself)
Information source: Internal study report
- Mutagenicity assessment
• Indoxacarb : Did not show mutagenic effects in animal experiments.
- Carcinogenicity assessment
• Indoxacarb : Did not show carcinogenic effects in animal experiments.
- Toxicity to reproduction assessment
• Indoxacarb : Animal testing did not show any effects on fertility.

12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

- Bioaccumulation : This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

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Toxicity to fish

- Indoxacarb : flow-through test LC50 / 96 h/ Oncorhynchus mykiss (rainbow trout) : 0,65 mg/l
Method: OECD Test Guideline 203
Information source: Internal study report
- flow-through test LC50/ 96 h/ Lepomis macrochirus (Bluegill sunfish):: 0,90 mg/l
Method: OECD Test Guideline 203
Information source: Internal study report

Toxicity to algae

- Indoxacarb : / EC50/ 14 d/ Lemna gibba (duckweed): > 84,3 mg/l
Method: US EPA Test Guideline OPP 122-2 & 123-2
Information source: Internal study report

Aquatic toxicity

- Indoxacarb : static test / EC50/ 48 h/ Daphnia magna (Water flea): 0,60 mg/l
Method: OECD Test Guideline 202
Information source: Internal study report

Further information on ecology

- Additional ecological information : No data is available on the product itself.

13. DISPOSAL CONSIDERATIONS

- Product : Do not contaminate water supply, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. In accordance with local and national regulations.
- Contaminated packaging : Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

- Further information : Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Labelling

- Symbol(s) : N Dangerous for the environment
- Hazardous components: Indoxacarb
- R-phrases(s) : R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- S-phrases(s) : S35 This material and its container must be disposed of in a safe way.

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S61

Avoid release to the environment. Refer to special instructions/ Safety data sheets.

Further information : Not classified as hazardous according to criteria of NOHSC.

National regulatory information

SUSDP : S5

To avoid risks to man and the environment, comply with the instructions for use.

16. OTHER INFORMATION

Sources of key data used to compile the Safety Data Sheet:

1. National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)]
2. Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)]
3. List of Designated Hazardous Substances [NOHSC:10005(1999)]
4. Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)]
5. Australian Dangerous Goods Code, No. 6 [National Road Transport Commission]
6. Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP), No. 19 [NDPSC: 2004]
7. National Code of Practice for the Labelling of Workplace Substances [NOHSC:2012(1994)]

Department:

Du Pont (Australia) Ltd
7 Eden Park Drive
Macquarie Park NSW 2113
Australia

Further information:

Take notice of the directions of use on the label.

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

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 above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.