



DuPont™ Advion® Ant Gel

Version 3.0

Revision Date 16.12.2011

Ref. 130000036528

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

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

Product identifier

Product name : DuPont™ Advion® Ant Gel

Synonyms : B12397254

Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture : Biocidal product

Details of the supplier of the safety data sheet

Company : Du Pont (UK) Limited
Wedgwood Way
Stevenage, Herts. SG1 4QN
United Kingdom

Telephone : +44-1438-734.000

E-mail address : sds-support@che.dupont.com

Emergency telephone number

Emergency telephone number : +44-(0)8456-006.640

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

This mixture is not classified as dangerous according to Directive 1999/45/EC.

Label elements

Special labelling of certain substances and mixtures : To avoid risks to man and the environment, comply with the instructions for use.

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

Other hazards

|| This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).
|| This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).
Avoid treating areas that are easily accessible to children and pets.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

not applicable



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Mixtures

Registration number	Classification according Directive 67/548/EEC	Classification according Regulation 1272/2008 (CLP)	Concentration
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Indoxacarb (S-enantiomer) (CAS-No.173584-44-6)

	T;R25 R43 N;R50/53	Acute Tox. 3; H301 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	0,05 %
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For the full text of the R-phrases mentioned in this Section, see Section 16.
For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

Description of 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. Hold eye open and rinse slowly and gently with water for 15-20 minutes. 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.

Most important symptoms and effects, both acute and delayed

- || Symptoms : No cases of human intoxication are known and the symptoms of experimental intoxication are not known.

Indication of any immediate medical attention and special treatment needed

- || Treatment : Treat symptomatically.

5. FIREFIGHTING MEASURES

Extinguishing media

- 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 : High volume water jet, (contamination risk)



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reasons

Special hazards arising from the substance or mixture

|| Specific hazards during firefighting : Not a fire or explosion hazard. Hazardous decomposition products formed under fire conditions. Carbon dioxide (CO₂) nitrogen oxides (NO_x)

Advice for firefighters

Special protective equipment for firefighters : 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, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment. Refer to protective measures listed in sections 7 and 8.

Evacuate personnel, thoroughly ventilate area, use self-contained breathing apparatus.

Environmental precautions

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 and materials for containment and cleaning up

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 and shovel into suitable containers for disposal. Flush away traces with water and detergent.

Other information : Dispose of in accordance with local regulations.

Reference to other sections

|| For disposal instructions see section 13., For personal protection see section 8.

7. HANDLING AND STORAGE

Precautions for safe handling



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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.

Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in original container. Keep in a dry, cool place. Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs.

Advice on common storage : No special restrictions on storage with other products.

Storage temperature : > 3 °C

Other data : Stable under recommended storage conditions.

Specific end use(s)

|| Control of ants, cockroaches and other key nuisance insecticide pests.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

If sub-section is empty then no values are applicable.

Components with workplace control parameters

Type Form of exposure	Control parameters	Update	Basis	Remarks
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Sucrose (CAS-No. 57-50-1)

TWA	10 mg/m3	2007	EH40 WEL	
STEL	20 mg/m3	2007	EH40 WEL	

Exposure controls

Engineering measures : Refer to the product label for additional Engineering Controls.

Eye protection : Safety glasses with side-shields conforming to EN166

||| Hand protection : Material: Nitrile rubber
Glove thickness: 0,4 - 0,7 mm
Glove length: Standard glove type.
Protection index: Class 3
Wearing time: 60 min
The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Please observe the instructions regarding permeability and breakthrough time which are provided by



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the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. The suitability for a specific workplace should be discussed with the producers of the protective gloves. The break through time depends amongst other things on the material, the thickness and the type of glove and therefore has to be measured for each case. The exact break through time can be obtained from the protective glove producer and this has to be observed. Gloves must be inspected prior to use. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Before removing gloves clean them with soap and water.

Skin and body protection : Full protective clothing Type 6 (EN 13034) To optimize the ergonomics it may be recommended to use cotton underwear when wearing some fabrics. Take advice from supplier.
Garment materials that are resistant to both water vapour and air will maximise wearing comfort. Materials should be robust to maintain the integrity and barrier in use.
Please observe the instructions of use and breakthrough time which are provided by the supplier. Remove and wash contaminated clothing before re-use.

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 feedingstuffs. For environmental protection remove and wash all contaminated protective equipment before re-use. Dispose of rinse water in accordance with local and national regulations.

Respiratory protection : No personal respiratory protective equipment normally required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

- Form : gel
- Colour : off-white, opaque
- Odour : very faint
- Odour Threshold : not determined
- pH : 7,2 (1% solution in water)
- Melting point/range : Not available for this mixture.
- Boiling point/boiling range : not applicable
- Flash point : not applicable
- Flammability (solid, gas) : The product is not flammable.
- Thermal decomposition : Not available for this mixture.



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Autoignition temperature	: does not ignite
Oxidizing properties	: The product is not oxidizing.
Explosive properties	: Not explosive
Lower explosion limit/ lower flammability limit	: not applicable
Upper explosion limit/ upper flammability limit	: not applicable
Vapour pressure	: Not available for this mixture.
Density	: 1,15 - 1,24 g/ml atca. 85 °C
Relative density	: Not available for this mixture.
Water solubility	: soluble
Partition coefficient: n- octanol/water	: not applicable
Viscosity, kinematic	: not determined
Relative vapour density	: Not available for this mixture.
Evaporation rate	: not applicable
Other information	
Phys.-chem./other information	: No other data to be specially mentioned.

10. STABILITY AND REACTIVITY

Reactivity	: No hazards to be specially mentioned.
Chemical stability	: The product is chemically stable under recommended conditions of storage, use and temperature.
Possibility of hazardous reactions	: None reasonably foreseeable. Stable at normal temperatures and storage conditions.
Conditions to avoid	: Temperature : < 3 °C Protect from frost.
Incompatible materials	: No materials to be especially mentioned.
Hazardous decomposition products	: No materials to be especially mentioned.



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11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute oral toxicity

LD50 / rat female : > 5 000 mg/kg
Method: OECD Test Guideline 425
(Data on the product itself) 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

mouse Local lymph node test
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

- Indoxacarb (S-enantiomer)
mouse
Classification: Not a skin sensitizer.
Result: Animal test did not cause sensitization by skin contact.

Repeated dose toxicity

- Indoxacarb (S-enantiomer)
The following effects occurred at levels of exposure that significantly exceed those expected under labeled usage conditions.

Inhalation rat
Incoordination, Increased mortality or reduced survival, Respiratory irritation

Oral rat
Red blood cell destruction causing abnormal decrease in number of red blood cells (anaemia)



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12. ECOLOGICAL INFORMATION

Toxicity

Persistence and degradability

Biodegradability

Not readily biodegradable. Estimation based on data obtained on active ingredient.

Bioaccumulative potential

Bioaccumulation

|| Does not bioaccumulate.

Mobility in soil

Mobility in soil

|| Under actual use conditions the product has a low potential of mobility in soil.

Results of PBT and vPvB assessment

PBT and vPvB assessment

|| This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). / This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

Other adverse effects

Additional ecological information

|| No data is available on the product itself. See product label for additional application instructions relating to environmental precautions.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Product : Do not contaminate ponds, waterways or ditches with chemical or used container. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. In accordance with local and national regulations.

Contaminated packaging : Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark.

Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

Further information : Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR



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15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Other regulations : The mixture is non-dangerous in accordance with Directive 1999/45/EC.

Chemical Safety Assessment

|| A Chemical Safety Assessment is not required for this/these products
In the EU, this product falls under the Directive on biocide products 98/8/EC.
Refer to the label for exposure assessment information.

16. OTHER INFORMATION

Text of R-phrases mentioned in Section 3

R25	Toxic if swallowed.
R43	May cause sensitization by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Full text of H-Statements referred to under section 3.

H301	Toxic if swallowed.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Further information

Before use read DuPont's safety 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 guide 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.